Released: February 2018 Next MECS will be fielded in 2019 Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2014; Level: National Data; Row: Specific Energy-Management Activities within NAICS Codes; Columa: Participation; Unit: Establishment Counts.

LU COUC(d)	Energy-Management Activity	No Participation	Participation(b)	Don't Kno
		Total United States		
1 - 339	All Manufacturing Industries			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	111,172	35,525 43.048	28,4
	Implementing ISO 50001	38,691	4,365	
	Energy Efficiency a part of Purchasing Decision	34,837 86,820	114,559 43,379	25,
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	89,676	42,483	44,:
	Quantitative Goals	11,199	24,831	139,0
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	150,124	14,500 29,180	33.
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	108,737	27,890	38,
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	125,750	11,789	37,
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	112,377 126,488	19,837 8,400	42,
	Process Heating Maintenance Program that Includes the Following:			
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	60,507 59,889	74,711 69,764	39,i 45,i
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	56,452	72,665	45,
	Keep an Inventory of All Motors	83,787	51,475	39,
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	83,784 126,870	51,530 11,038	39,
	Food		,	
	Person(s) Responsible for Energy Management (c)	6,631	3,994	3,
	Aware of ISO 50001	8,864	3,114	
	Implementing ISO 50001	2,708	322	2.
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	4,888	4,602	2,
	Set Goals for Improving Energy Consumption	5,501	4,515	3,
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	878	2,914	9,;
	Conduct Audits to Identify Energy Saving Opportunities	10,537 7,859	1,921 2,721	3,
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	7,082	3,156	3,
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	9,581 5,792	896 3,646	3,
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	8,502	3,646	4,
	Process Heating Maintenance Program that Includes the Following:			
	Furance Inspections (h)	2,347	7,798	3,
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	1,875	7,886 7,540	3,
	Keep an Inventory of All Motors	5,337	5,107	3,
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	6,352 9,305	3,971 1,023	3, 3,
12	Grain and Oilseed Milling			
	Person(s) Responsible for Energy Management (c)	249	264	
	Aware of ISO 50001	384	181	
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	152	27 497	
	Energy Use Baseline for Comparing Energy Use in Future Years	65	426	
	Set Goals for Improving Energy Consumption	144	365	
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	71 407	276	
	Conduct Audits to Identify Energy Saving Opportunities	262	239	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	344	180	
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	458 261	49 219	
	Use Flue Gas to Preheat Other Equipment or Processes (g)	281	212	
	Process Heating Maintenance Program that Includes the Following:	87	408	
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	94	380	
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	72	424	
	Keep an Inventory of All Motors	108	421	
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	208 435	288 71	
11221	Wet Corn Milling			
	Person(s) Responsible for Energy Management (c)	W	27	
	Aware of ISO 50001 Implementing ISO 50001	18 27	29 W	
	Energy Efficiency a part of Purchasing Decision	W	42	
	Energy Use Baseline for Comparing Energy Use in Future Years	8	33	
	Set Goals for Improving Energy Consumption Quantitative Goals	W	34 32	
	Submetering (metering beyond the main utility, revenue or supplier meter)	11	35	
	Conduct Audits to Identify Energy Saving Opportunities	22	17	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	21 33	20	
	Measure Oxygen and Carbon Dioxide Levels (f)	9	26	
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	13	25	
	Furance Inspections (h)	5	33	
	Cleaning of Heat Transfer Equipment (i)	W	36	
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	W8	37 32	
	Detect and Control Compressed Air Leaks (I)	19	22	
	Track the Amount of Energy Spent in Compressed Air Systems	21	17	
1131	Sugar Manufacturing			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	35 51	24	
	Implementing ISO 50001	15	W	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	10	48	
	Set Goals for Improving Energy Consumption	25	37	
	Quantitative Goals	12	15	
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	45	24	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	32 36	1/ 10	
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	40	6	
	Measure Oxygen and Carbon Dioxide Levels (f)	9	37	
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	17	34	
	Furance Inspections (h)	W	47	
	Cleaning of Heat Transfer Equipment (i)	W	46	
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	W	51	
	Detect and Control Compressed Air Leaks (I)	28	20	
	Track the Amount of Energy Spent in Compressed Air Systems	38	11	

	Fruit and Vegetable Preserving and Specialty Foods			
	Person(s) Responsible for Energy Management (c)	372	429	184
	Aware of ISO 50001 Implementing ISO 50001	585 334	348	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	56 239	856	73
	Set Goals for Improving Energy Consumption	310	480	195
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	144 746	261 226	580
	Conduct Audits to Identify Energy Saving Opportunities	439	373	173
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	466 605	300	219
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	384 546	364	237 265
	Process Heating Maintenance Program that Includes the Following:			
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	160 123	594 606	231 256
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	129 312	591 490	265
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	366	438	181
	Track the Amount of Energy Spent in Compressed Air Systems	625	123	237
3115	Dairy Products			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	375 560	380 313	237
	Implementing ISO 50001	255	58 720	197
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	280	432	280
	Set Goals for Improving Energy Consumption Quantitative Goals	304 69	481 328	206
	Submetering (metering beyond the main utility, revenue or supplier meter)	665	221 333	
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	567	203	218 223
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	706 263	90 487	196 243
	Use Flue Gas to Preheat Other Equipment or Processes (g)	561	221	210
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	116	714	161
	Cleaning of Heat Transfer Equipment (i)	60 96	753 732	179 164
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	278	573	142
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	373 711	435 94	185 187
3116	Animal Slaughtering and Processing			
	Person(s) Responsible for Energy Management (c)	590	714	299
	Aware of ISO 50001 Implementing ISO 50001	997 383	439 54	
	Energy Efficiency a part of Purchasing Decision	68	1,237	298
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	453 464	799 803	352
	Quantitative Goals	83	583	938
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	1,193 789	430	383
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	793	441	368 375
	Measure Oxygen and Carbon Dioxide Levels (f)	612	662	329
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	1,023	238	341
	Furance Inspections (h)	207	1,071 1,090	326 385
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	95	1,112	396
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	425 615	838 643	340 345
	Track the Amount of Energy Spent in Compressed Air Systems	1,080	111	412
312	Beverage and Tobacco Products			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	1,434 1,489	651 722	358
	Implementing ISO 50001			
		682	Q	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	682 261 973	Q 1,745 959	
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	261 973 1,116	1,745 959 896	511 431
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	261 973 1,116 170 1,932	1,745 959 896 588 273	511 431 1,685
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (inetering beyond the main utility, rovenue or supplier meter) Conduct Audits I oldentify Energy Swing Opportunities	261 973 1,116 170	1,745 959 896 588	511 431 1,685
	Energy Use Baseline for Comparing Energy Use in Future Years Set Gauls for Improving Energy Consumption Quantitative Goads Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audius to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controk to Reduce Electricity Consumption in Times of Critical Grid Conditions	261 973 1,116 170 1,932 1,561 1,510 1,720	1,745 959 896 588 273 411 438 213	511 431 1,685
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct. Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g)	261 973 1,116 170 1,932 1,561 1,510	1,745 959 896 588 273 411 438	511 431 1,685 472 495 510 671
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for improving Energy Consumption Quantitative Goals Submetering (interening beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Ongen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Healing Maintenace Program that Includes the Following:	261 973 1,116 170 1,932 1,561 1,510 1,720 1,312 1,690	1,745 959 896 588 273 411 438 213 461	511 431 1,685 472 495 510 671 617
	Energy Use Baseline for Comparing Energy Use in Future Years Set Gask for Improving Energy Consumption Quantitative Goals Submetering (Interting Byeng) Compared (International Compared (International Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Diode Levels (I) Use Flue Gass to Preheat Other Equipment or Processes (g) Process Heating Maintenane Program that Includes the Following: Furance Inspections (Ii) Cleaning of Heat Transfer Equipment (I)	261 973 1,116 170 1,932 1,561 1,510 1,720 1,312 1,690 831 648	1,745 959 896 588 273 411 438 213 461 135 969 1,022	511 431 1,685 472 495 510 671 617 643 773
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Umproving Energy Consumption Quantitative Goals Submetering (Indenting Beard the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas Dreheat Other Equipment or Processis (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	261 973 1,116 170 1,932 1,561 1,510 1,720 1,312 1,690 831	1,745 959 896 273 411 438 213 461 135 969	511 431 1,685 - 472 495 510 671 617 643 773 809
	Energy Use Baseline for Comparing Energy Use in Yuture Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intering Network) (Intering Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Drygen and Carbon Dioxide Levels (I) Use Flue Gas to Preheat Other Equipment of Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (I) Inspecting, Calarating, and Adjusting Process Heating Equipment (J) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	261 973 1,116 170 1,932 1,561 1,510 1,510 1,510 1,720 1,312 1,690 831 648 648 602 920 1,095	1,745 959 856 588 273 411 438 461 135 969 1,022 1,032 954 694	511 431 1,685
3121	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering Imetering Evensymption Conduct Audits to Identify Energy Saving Opportunities Procedures to Roduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Organ and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Improceedings (Labitating Adjusting Process Heating Equipment (j) Ionspecting, Calibrating, and Adjusting Process Heating Equipment (j) Reep an Inventory of All Motors Detect and Control Compressed Air Leaks (j) Track the Amount of Energy Spent in Compressed Air Systems	261 973 1,116 1,70 1,932 1,561 1,750 1,750 1,312 1,690 831 648 662 920	1,745 959 896 538 273 411 438 213 461 135 969 1,022 1,032 954	511 431 1,685
3121	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering Imetering Evensymption Conduct Audits to Identify Energy Saving Opportunities Procedures Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Orogen and Carbon Dioxida Levels (I) Use Filue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Impose Total Fragment (I) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems Beverages	261 973 1,116 170 1,932 1,561 1,510 1,510 1,720 1,312 1,690 831 648 648 642 602 920 1,095 1,569	1,745 959 856 588 273 411 438 213 461 135 969 1,022 1,032 954 280	511 431 1,685
3121	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering Intertring Honor the main utility, revenue or supplemmeter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Roduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Organ and Carbon Ondex Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Impose Topical Trains of Automatical Conditions Messure Organize Const. (h) Claiming of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (l) Track the Amount of Energy Spent in Compressed Air Systems Bereages Person(s) Responsible for Energy Management (c) Aware of SS 50001	261 973 1,116 170 1,932 1,561 1,510 1,720 1,312 1,630 831 648 648 602 920 1,095 1,569	1,745 959 856 588 273 411 438 213 461 135 969 1,022 969 1,022 954 64 280 64 631 681	511 433 1,685 472 495 550 671 617 643 773 809 569 654 594 594
3121	Energy Use Baseline for Comparing Energy Use in Future Years Set Gasis for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Diode Levels (f) Use File Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenare Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Beverages Person(s) Responsible for Energy Management (c) Aware of SO 50001	261 973 1,116 1,70 1,932 1,561 1,510 1,720 1,312 1,690 831 648 662 920 1,095 1,569	1,745 959 896 538 273 411 438 213 213 461 135 969 1,022 1,032 954 694 280 631	511 433 1,685 510 617 643 773 809 569 655 594 594
3121	Energy Use Baseline for Comparing Energy Use in Future Years Set Gask for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Oxygen and Carbon Diode Levels ([] Use File Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenare Program that Includes the Following: Furance Inspections (II) Cleaning of Heat Transfer Equipment (I) Inspecting, Calibrating, and Adjusting Process Heating Equipment (I) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent In Compressed Air Systems Beverages Person(I) Responsible for Energy Management (c) Aware of 50 50001 Energy Ufficiency a part of Purchasing Decision Energy Ufficiency a part of Purchasing Decision Energy Ufficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Jurure Years	261 973 1,116 170 1,932 1,561 1,510 1,720 1,312 1,690 831 648 662 920 1,095 1,569 1,390 1,458 644 247 941	1,745 959 959 938 273 411 438 213 461 135 969 1,022 1,022 954 634 280 631 631 681 0 0 0	511 4313 1,685 455 510 671 671 671 671 671 673 773 773 8000 569 569 569 569 594
3121	Energy Use Baseline for Comparing Energy Use in Future Years Set Gask for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Oxygen and Carbon Diode Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenare Organs That Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Beverages Person(s) Besponsible for Energy Management (c) Aware of 50 50001 Energy Ute Baseline for Omaring Energy Use in Jurure Years Set Goals for Improving Energy Consumption Quantitative Goals	261 973 1,116 170 1,932 1,561 1,510 1,510 1,510 1,510 1,520 1,312 1,690 831 648 648 662 920 1,095 1,569	1,745 959 856 588 273 411 438 213 461 135 969 1,022 969 1,022 954 631 631 631 631 631 631 91 91 91 91	511 431 1685 1685 510 677 617 643 643 643 549 549 549 544 544 544 544 544 544 544
3121	Energy Use Baseline for Comparing Energy Use in Future Years Set Gasis for Improving Energy Consumption Quantitative Goals Submetering Interving Neurophysics (Consumption Intervenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedure to Reduce Electricity Consumption Inters of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Inters of Critical Grid Conditions Messure Organic and Carbon Dionale Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibarating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motros Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Bererges Person(s) Responsible for Energy Management (c) Aware of 50 50001 Implementing ISO 50001 Energy Use Baseline for Comparing Energy Use in Yuture Years Set Coals for Improving Energy Cossamption Energy Use Baseline for Comparing Energy Use in Yuture Years Set Coals for Improving Energy Cossamption Quantitative Goals Submetering (Interving Heat Openation)	261 973 1,116 170 1,932 1,561 1,510 1,720 1,312 1,690 831 648 662 920 1,095 1,569 1,390 1,458 644 247 941 1,077 W W	1,745 959 856 588 273 411 438 213 461 135 969 1,022 969 1,022 954 64 280 64 280 64 280 64 280 64 280 85 64 280 85 64 280 85 81 681 681 681 681 681 81 82 82 82 82 82 82 82 82 82 82 82 82 82	511 431 1685 1685 510 677 617 617 643 643 643 643 549 549 549 549 544 544 544 544 544 544
3121	Energy Use Baseline for Comparing Energy Use in Future Years Set Gasis for Improving Energy Consumption Quantitative Goals Submetering Interving Neuroparative Yeare or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedure to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Organing Maintenance Program that Includes the Following: Process Healty Maintenance Program that Includes the Following: Process Healty Maintenance Program that Includes the Following: Detect and Control Compares of Ar Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems Bererges Person(s) Responsible for Energy Management (c) Aware of 60 50001 Energy Use Baseline For Energy Management (c) Aware of 60 50001 Energy Use Baseline For Comparing Energy Use in future Years Set Coals for Improving Energy Cosamption Energy Use Baseline For Comparing Energy Use in future Years Set Coals for Improving Energy Cosamption Energy Use Baseline For Comparing Energy Use in Strutter Years Set Coals for Improving Energy Cosamption Quantitative Goals Submetering Interving Energy Song Opportunities Procedures to Reduce Electricity Cosamption Forms of Critical Grid Conditions	261 973 1,116 170 1,932 1,561 1,510 1,720 1,312 1,690 831 648 662 920 1,095 1,569 1,390 1,569 1,390 1,458 644 247 941 1,077 W W 1,873 1,518	1,745 959 856 588 273 411 438 213 461 135 969 1,022 1,032 954 631 631 631 631 631 631 631 631 631 872 872 872 W W 257 389 427	511 431 1685 402 405 510 617 617 643 643 654 569 569 569 569 594 594 594 594 594 594 594 594 594 59
3121	Energy Use Baseline for Comparing Energy Use in Future Years Set Gasis for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or suppler meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Oxygen and Carbon Diodie Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenare Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Beverages Person(s) Responsible for Energy Management (c) Anage of SD 50001 Energy Use Baseline for Comparing Energy Use in Inture Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering Interfield System Consumption Conduct Audits to Identify Energy Saving Opportunities	261 973 1,116 1,70 1,932 1,561 1,510 1,510 1,510 1,510 1,510 831 648 648 602 920 1,095 1,569 1,390 1,458 644 247 941 1,077 W 1,873 1,518	1,745 959 959 988 273 411 438 213 461 135 135 1,032 1,032 954 631 631 631 631 0 1,691 926 872 W 257 389	511 431 1,685 - 643 495 510 617 617 617 773 809 569 643 594 - - - - - - - - - - - - - - - - -
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	Energy Use Baseline for Comparing Energy Use in Future Years Set Gask for Improving Energy Consumption Quantitative Gask Submetering Interting Beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Oxygen and Crabon Diode Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenare Program that Includes the Following: Furance Inspections; (h) Cleaning of Heat Transfer Equipment (f) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (f) Track the Amount of Energy Spent in Compressed Air Systems Beverages Person(5) Responsible for Energy Management (c) Aware of 50 50001 Energy Use Baseline for Comparing Energy Use In Vuture Years Set Gask for Improving Energy Consumption Quantitative Gask Submetering (Interting Beyond the main utility, revenue or suppler meter) Conduct Audits I oleffulty Energy Sping Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Messure Oxygen and Carbon Diode Levek (f) Use Flue Gask Derheat Other Equipment (f) Responsible for Energy Grammating Linducity Energy Use Internet Furace Improving Energy Consumption Quantitative Gask Submetering (Intering Deyond the main utility, revenue or suppler meter) Conduct Audits I clearling Foregram that Includes the Following: Furace Engesciens, (h) Clearing of Heat Transfer Equipment (f) Responsible for Energy Management (f) Respon Imperement (f) Exponsible	261 973 1,116 1,70 1,932 1,561 1,510 1,510 1,510 1,521 1,520 1,300 1,690 1,690 1,599 1,390 1,559 1,390 1,559 1,390 1,559 1,390 1,559 1,390 1,559 1,390 1,559 1,509 1,518 1,518 1,518 1,518 1,668 1,286 1,668 1,286 1,668 1,286 1,528 1,528	1,745 959 959 958 273 411 438 213 461 135 969 1002 1002 1002 1002 1002 1002 1002 100	511 431 1685 510 677 643 773 800 569 654 594 348 431 502 420 420 420 420 420 420 602 569 653 594 431 594 431 502 420 420 420 420 420 420 622 602 555 555 633 761 70 73 70 73 70 70 70 70 70 70 70 70 70 70 70 70 70
	Energy Use Baseline for Comparing Energy Use in Future Years Set Gask for Improving Energy Consumption Quantitative Gask Submetering Intertring Neurophysics (Consumption Impress of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Immes of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Immes of Critical Grid Conditions Measure Oxygen and Carbon Diode Levels (I) Use Flue Gast to Preheat Other Equipment or Processes (g) Process: Heating Maintenance Program that Includes the Following: Furance Inspections (II) Cenaing of Heat Transfer Equipment or Processes (g) Process: Heating and Adjusting Process Heating Equipment (I) Keep an Inversion of All Motors Detect and Control Compressed Air Leski (II) Track the Amount of Energy Spent in Compressed Air Systems Beerage Percons) Responsible for Energy Management (c) Aware of 50 50001 Energy Efficiency apart of Purchasing Decision Comparing 105 50001 Energy Efficiency apart of Purchasing Decision Conduct Audits to Identify Energy Consumption Quantitative Gask Submetering Interfing Speng Consumption Quantitative Gask Automation Controls Comparing Energy Use in Future Years Set Gask for Induce Electricity Consumption Im Energy Office Process Heating Interfing Speng Use in Future Years Set Gask for Neuroe Speng Consumption Quantitative Gask Automation Controls to Reduce Electricity Consumption Im Energy (Fice Process Heating Interfing Speng Users) Use in Future Years Submetering Interfing Speng Unergy Use Interfing Users Future Inspections; (I) Conduct Audits to Identify Energy Speng That Includes the Following: Future Inspections; (I) Conduct Audits to Identify Energy Speng That Includes the Following: Future Inspections; (I) Conduct Audits to Identify Energy Speng That Includes the Following: Future Inspections; (I) Conduct Audits to Identify Energy Speng That Includes the Following: Future Inspections; (I) Conduct Audits to Identify Energy Speng That Includes the Followin	261 973 1,116 170 1,922 1,561 1,510 1,720 1,312 1,690 831 648 648 642 920 1,095 1,569 1,390 1,458 644 247 941 1,458 644 247 941 1,458 644 1,458 644 1,458 644 1,458 644 1,458 644 1,458 644 1,458 644 1,458 644 1,458 644 1,518 1,518 1,518 1,518 1,518 1,569 1,579 1,578 1,57	1,745 959 856 588 273 411 438 213 461 135 969 1,022 969 604 280 644 280 644 280 644 280 644 280 644 280 644 280 872 872 872 872 872 872 872 872 872 872	511 431 1685 472 472 473 477 477 477 477 477 477 477 477 477
	Energy Use Baseline for Comparing Energy Use in Future Years Set Gask for Improving Energy Consumption Quantitative Gask Submetering Interting Beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Oxygen and Crabon Diode Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenare Program that Includes the Following: Furance Inspections; (h) Cleaning of Heat Transfer Equipment (f) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (f) Track the Amount of Energy Spent in Compressed Air Systems Beverages Person(5) Responsible for Energy Management (c) Aware of 50 50001 Energy Use Baseline for Comparing Energy Use In Vuture Years Set Gask for Improving Energy Consumption Quantitative Gask Submetering (Interting Beyond the main utility, revenue or suppler meter) Conduct Audits I oleffulty Energy Sping Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Messure Oxygen and Carbon Diode Levek (f) Use Flue Gask Derheat Other Equipment (f) Responsible for Energy Grammating Linducity Energy Use Internet Furace Improving Energy Consumption Quantitative Gask Submetering (Intering Deyond the main utility, revenue or suppler meter) Conduct Audits I clearling Foregram that Includes the Following: Furace Engesciens, (h) Clearing of Heat Transfer Equipment (f) Responsible for Energy Management (f) Respon Imperement (f) Exponsible	261 973 1,116 1,70 1,932 1,561 1,510 1,510 1,510 1,521 1,520 1,300 1,690 1,690 1,599 1,390 1,559 1,390 1,559 1,390 1,559 1,390 1,559 1,390 1,559 1,390 1,559 1,509 1,518 1,518 1,518 1,518 1,668 1,286 1,668 1,286 1,668 1,286 1,528 1,528	1,745 959 959 958 273 411 438 213 461 135 969 1002 1002 1002 1002 1002 1002 1002 100	510 671 643 773 809 569 554 594

	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	17 18	48 45	8
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	14 20	51 38	9
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	28	31	15
13	Textile Mills			
		700	556	
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	708 839	480	91
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	331 138	136	83
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	528 631	653 534	174
	Quantitative Goals	121	377	856
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	1,152 904	182 289	161
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	876 1,088	368 151	111
	Measure Oxygen and Carbon Dioxide Levels (f)	669	417	269
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	993	173	189
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	332	888 860	135
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	204	928	224
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	621 614	637 615	97
	Track the Amount of Energy Spent in Compressed Air Systems	1,024	184	147
14	Textile Product Mills			
	Person(s) Responsible for Energy Management (c)	3,326	598	٩
	Aware of ISO 50001 Implementing ISO 50001	3,455 Q	Q W	
	Energy Efficiency a part of Purchasing Decision	1,821 3.126	2,199 427	724
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	2,490	1,221	566
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	866 3,949	145	3,266
	Conduct Audits to Identify Energy Saving Opportunities	3,397	Q	599
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	2,019 3,222	1,058 Q	1,200
	Measure Oxygen and Carbon Dioxide Levels (f)	3,585	89	603
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	3,427	52	797
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	2,714 2,681	1,071	a a
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	2,819	903	٩
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	2,923 2,412	671 849	683
	Track the Amount of Energy Spent in Compressed Air Systems	3,144	W	W
15	Apparel			
	Person(s) Responsible for Energy Management (c)	1,938	610	1,326
	Aware of ISO 50001	3,108 Q	Q0	
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	881	1,037	1,956
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	1,527	Q 803	1,714
	Quantitative Goals	W	w	3,165
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	3,669 1,867	Q Q	1,410
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	1,914 2,000	162 Q	1,798
	Measure Oxygen and Carbon Dioxide Levels (f)	2,670	Q	a
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	2,756	w	W
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	1,977	445	1,453
				1.005
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	1,617 1,547	352 377	1,950
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors			1,950
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	1,547 2,281	377 248	1,950 1,345 1,639
16	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (l)	1,547 2,281 1,567	377 248 668	1,950 1,345 1,639
16	Inspecting, Calibraing, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (l) Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c)	1,547 2,281 1,567 2,542 340	377 248 668 Q 67	1,950 1,345 1,639 1,194
16	Inspecting, Calibraing, and Adjusting Process Heating Equipment (j) Keep an Invertory of All Motors Detect and Control Compressed Air Leaks () Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c) Aware of ISO 20001	1,547 2,281 1,567 2,542 340 349	377 248 668 Q 67 102	1,950 1,345 1,639 1,194
16	Inspecting, Calibraing, and Adjusting Process Heating Equipment (j) Keep an Invertory of All Motors Detect and Control Compressed Air Leaks () Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c) Aware of ISS 0001 Implementing ISS 0001	1,547 2,281 1,557 2,542 340 349 100 108	377 248 668 Q 67 102 W 317	1,950 1,345 1,639 1,194 59
16	Inspecting, Calibraing, and Adjusting Process Heating Equipment (j) Keep an Invertoury of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c) Aware of SO 50001	1,547 2,281 1,567 2,542 340 349 100	377 248 668 Q 67 102 W	1,950 1,344 1,639 1,194 59
16	Inspecting, Calibraing, and Adjusting Process Heating Equipment (j) Keep an Invertory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Leather and Alled Product Person(s) Responsible for Energy Management (c) Aware of SIO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Company Energy Los Informed Fenergy Use Baseline for Company Energy Los Informed Set Goals for Improving Energy Consumption Quantitative Goals	1,547 2,281 1,567 2,542 340 349 100 108 338 320 W	377 248 668 Q 67 102 W 317 66 99 W	1,950 1,345 1,639 1,194 55
16 	Inspecting. Calibrating, and Adjusting Process Heating Equipment (j) Keep an Invertory of All Motors Detect and Control Compressed Air Leaks () Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c) Aware of SO 50001 Energy Lifticiancy a part of Purchasing Decision Energy Use Baseline for Company Tengery Use in Future Years Set Goals for Improving Energy Comumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Swing Opportunities	1,547 2,281 1,567 2,542 340 349 100 108 338 320 W 428 365	377 248 668 Q 0 57 102 W 317 65 99 W 33 61	1,950 1,345 1,633 1,194 599
16	Inspecting. Calibrating, and Adjusting Process Heating Equipment (j) Keep an Invertoury of All Mators Detect and Control Compressed Air Leaks (j) Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c) Aware of SD 50001 Energy Efficiency a part of Purchasing Decision Energy Efficiency a part of Purchasing Decision Energy Hickney a part of Purchasing Decision Cupantizative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Cossumption	1.547 2.281 1.567 2.542 340 349 100 108 338 320 W 428	377 248 668 0 102 W 317 66 99 W 33 33	1,950 1,345 1,633 1,194
16	Inspecting. Calibrating, and Adjusting Process Heating Equipment (j) Keep an Invertory of All Mators Detect and Control Compressed Air Leaks (j) Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c) Aware of SD 50001 Energy Efficiency a part of Purchasing Decision Energy Efficiency a part of Purchasing Decision Energy Stickney a part of Purchasing Decision Custoritative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Proceedires to Rouce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	1.547 2.281 1.567 2.542 340 100 108 338 320 W 428 365 303 377 386	377 248 668 0 102 102 W 317 66 99 W 33 61 109 40 35	1,950 1,345 1,633 1,194 59
16	Inspecting. Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c) Aware of SO 50001 Energy Lifticiancy a part of Purchasing Decision Energy Use Baseline for Company Tengery Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering Beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions	1.547 2.281 1.567 2.542 340 349 100 108 338 320 W 428 365 303 377 386 399	377 248 668 0 102 W 317 66 99 W 33 61 109 40 35 W	1,950 1,345 1,633 1,194 959
	Inspecting. Calibrating, and Adjusting Process Heating Equipment (j) Keep an Invertoury of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c) Aware of SO 50001 Energy Lifticiency a part of Purchasing Decision Energy Use Baseline for Company Tengeny Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering Beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levek (f) Use Flue Gas to Phenet Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	1.547 2.281 1.567 2.542 340 100 108 338 320 W 428 365 303 377 386 365 303 377 386 399	377 248 668 0 0 7 102 W 317 66 99 9 W 33 61 61 109 40 40 35 W 239	1.95(1.344 1.635 1.635
	Inspecting. Califorating, and Adjusting Process Heating Equipment (i) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c) Aware of SO 50001 Energy Lifticiency a part of Purchasing Decision Energy Use Baseline for Company Tengeny Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering Beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levek (f) Use Flue Gas to Theirab Tengen Tengen Consenses (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Cleaning of Heat Transfer Equipment (i)	1.547 2.281 1.567 2.542 340 100 108 338 320 W 428 365 303 377 386 365 303 377 386 399 177 184 220	377 248 668 0 0 102 W 317 66 69 99 W 33 61 61 109 40 40 35 W 239 228 228 220	1 950 1 945 1 945 1 95 1 95 1 95 1 95 1 95 1 95 1 95 1 9
15	Inspecting. Calibrating, and Adjusting Process Heating Equipment (i) Keep an Invertory of All Mators Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c) Aware of SD 50001 Energy Efficience; a part of Purchasing Decision Energy Use Buseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Costamption Quantitative Goals Submetering Interfinitg person of the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Proceedires to Revice Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Heasier Oxygem and Carbon Diados thereis (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	1.547 2.281 1.567 2.542 340 349 100 108 338 320 W 428 365 303 377 386 303 377 386 399 177 184	377 248 668 0 102 W 317 66 99 W 33 61 109 40 35 W 239 228	1,950 1,343 1,535 1,535 59 59 62 62 62 62 62 63 64 64 64 9 9 9 9 55 55 55 55 55 55 55 55 55 55 5
16	Inspecting. Califorating, and Adjusting Process Heating Equipment (i) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c) Aware of SO 50001 Energy Lifticiency a part of Purchasing Decision Energy Use Baseline for Company Tengeny Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering Beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levek (f) Use Flue Gas to Theirab Tengen Tengen Consenses (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Cleaning of Heat Transfer Equipment (i)	1.547 2.281 1.567 2.542 340 349 100 100 100 338 320 W 428 365 303 377 386 303 377 386 399 177 184 220	377 248 668 0 102 102 103 103 103 103 103 103 103 103 103 103	1,955 1,343 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,5931
	Inspecting. Califorating, and Adjusting Process Heating Equipment (i) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c) Aware of SO 50001 Energy Lifticiancy a part of Purchasing Decision Energy Use Baseline for Comparing Tengy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering Beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levek (f) Use Flue Gas to Identify Energy Springement or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Cleaning of Heat Transfer Equipment (i) Cleaning of Heat Transfer Equipment (i) Exergina Environ Compressed Air Leaks (f) Evert and Rottol Compressed Air Leaks (f)	1.547 2.281 1.567 2.542 340 100 108 338 320 W 428 365 303 377 386 365 303 377 386 399 177 184 220 224 307	377 248 668 0 0 102 W 317 66 99 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	1,955 1,343 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,5931
	Inspecting. Calibrating, and Adjusting Process Heating Equipment (i) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c) Aware of SO 50001 Energy Lefticiency a part of Purchasing Decision Energy Use Baseline for Company Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (f) Use Fluid Stot Is Other Motors Measure Oxgen and Carbon Dioxide Levels (f) Use Fluid Stot Defnet Transfer Equipment (f) Inspecting. Calibrating, and Adjusting Process Heating Equipment (j) Cleaning of Heat Transfer Equipment (j) Cleaning of Heat Transfer Equipment (j) Cleaning of Heat Transfer Equipment (j) Keep an Inventory of All Motors Defent Compensed Air Leaks (l) Track the Amount of Energy Spent in Compressed Air Systems	1.547 2.281 1.567 2.542 340 100 108 338 320 W 428 365 303 377 386 365 303 377 386 399 177 184 220 224 307	377 248 668 0 102 103 103 104 99 W 317 66 99 W 33 31 61 109 40 35 W 229 228 200 162 121 121 W	1,955 1,343 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,5931
	Imperting. Calibrating, and Adjusting Process Heating Equipment (i) Reep an Inventory of All Mators Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Reponsible for Energy Management (c) Aware of SO 50001 Energy Les Baseline for Company Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplem meter) Conduct Audits to Identify Energy Swing Opportunities Procedures to Rediuce Electricity Consumption In Times of Critical Grid Conditions Measure Oxgen and Carlon Dioxide Levels (f) Use Flue Gas to Identify Energy Swing Opportunities Procedures to Rediuce Electricity Consumption In Times of Critical Grid Conditions Measure Oxgen and Carlon Dioxide Levels (f) Use Flue Gas to Transmer Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (f) Inspecting, Calloning, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (h) Track the Amount of Energy Spent in Compressed Air Systems Wood Products	1.547 2.281 1.567 2.542 340 100 108 338 320 W 428 365 303 377 386 399 177 184 220 224 4307 438 5,456 6,248	377 248 668 Q 67 102 W 317 66 69 99 99 99 99 99 93 61 61 109 40 40 35 W 239 228 200 162 121 W 1,105 1,299	1,955 1,343 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,5931
	Impecting. Calibrating, and Adjusting Process Heating Equipment (i) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Reponsible for Energy Management (c) Aware of SO 50001 Energy LEfficiency a part of Purchasing Decision Energy Use Baseline for Company Tengeny Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Swing Opportunities Procedures to Rediuce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (f) Use Fluid Stot Detherl Cherge System (f) Cleaning of Heat Transfer Equipment (f) Inspecting. Calibrating, and Adjusting Process Heating Equipment (f) Track the Amount of Energy Spent in Compressed Air Systems Woorlocks Person(s) Responsible for Energy Management (c) Aware of SS 50001 Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	1.547 2.281 1.567 2.542 340 100 108 338 320 W 428 365 303 377 386 399 177 184 220 244 307 438 5.555 6.248 1.219	377 248 668 Q 67 102 W 317 66 99 W 33 61 61 109 40 35 W 239 228 200 162 121 W W 1,105 1,299 59 55,559	1,955 1,343 1,343 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,5931
	Inspecting. Calibrating. and Adjusting Process Heating Equipment (j) Reep an Invertory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c) Aware of SO 50001 Implementing 50 50001 Energy Use Baseline for Company Tenny Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetring (metaring beyond the main utility, resenue or supplementer) Conduct. Audits to Identify Energy Aming Openation Process Heating Mathematication In Times of Cirtical Grid Conditions Measure Oxygen and Carbon Diodel Levels (f) Use Flue Gas to Prehera Other Equipment (a) Heating Interface Interface (and Adjusting Processes (g) Process Heating Mathemane Processes (g) Process Heating Mathemane Processes (g) Process Heating Hantemane Program that Includes the Following: Frazen Engelsen Transfer Equipment (f) Impeding. Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventor J Adil Motors Detects and Control Compressed Air Leaks (f) Track the Amount of Energy Management (c) Aware of SO 50001 Energy Use Baseline For Company Engelsen Person(c) Responsible for Energy Management (c) Aware of SO 50001 Energy Use Baseline For Company Engelsen Energy Use Baseline For Company Energy Use Jones Energy U	1.547 2.281 1.567 2.542 340 100 100 100 338 338 320 W 428 365 303 377 386 303 377 386 303 377 386 309 177 184 220 244 307 438	377 248 668 67 102 W 317 65 99 W 33 61 109 40 33 40 35 W 229 228 200 162 162 162 162 162 162 162 162 162 162	1,950 1,343 1,535 1,535 1,535 1,535 1,545
	Inspecting. Calibrating, and Adjusting Process Heating Equipment (j) Keep an Invertory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c) Aware of SO 50001 Implementing 50 50001 Energy Life Assessing Foreign Genergy Life Information Submeter and Society Spent in Compressed Air Systems Exercised Society Spent in Compressed Air Systems Exercised Society Spent Information Spectra Spectra Submeter and Spectra Spectra Spectra Spectra Spectra Submeter information Spectra Spectra Spectra Spectra Spectra Submeter information Spectra Spectra Spectra Spectra Spectra Spectra Submeter information Spectra Spectra Spectra Spectra Spectra Spectra Spectra Spectra Spectra S	1.547 2.281 1.567 2.542 340 100 100 103 338 320 W 428 365 303 377 386 303 377 386 303 377 386 303 377 184 220 244 307 438 5.455 6.248 1.219 1.573 4.186 3.395	377 248 668 67 102 W 317 65 99 W 33 61 109 40 33 40 35 W 229 228 200 162 162 162 162 162 162 162 162 162 162	1,955 1,343 1,343 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,5931
	Inspecting. Calibrating, and Adjusting Process Heating Equipment (i) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c) Aware of SO 50001 Energy UE Baseline for Comparing Tenrgy Use in Future Years Set Goals for Improving Energy Consumption Conduct Audits to Identify Energy System (c) Automation Constraints (c) Automation Constraints (c) Submetering (metering Beyond the main utility, revenue or supplementer) Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption Inspecting. Calibrating, and Adjusting Process (g) Process Heating Maintenance Program that Includes the Following: Fruance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting. Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (l) Track the Amount of Energy Management (c) Aware of SO 5001 Empressing Calibrating, and Adjusting Process Heating Equipment (j) Respective Sonolity Compressed Air Leaks (l) Track the Amount of Energy Management (c) Aware of SO 50001 Empressing Calibrating, and Adjusting Process Heating Equipment (j) Respective Sonolity Compressed Air Leaks (l) Track the Amount of Energy Management (c) Aware of SO 50001 Emergy Efficiency apart of Purchasing Becision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Costamption	1.547 2.281 1.567 2.542 340 100 108 338 320 W 428 365 303 377 386 399 177 184 220 244 307 438 5,555 6,248 1.219 1.573 4,186 3.335	377 248 668 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1956 134345 134345 1585 1585 1585 1585 1585 1595 1697 1697 1697 1697 1697 1697 1697 1697
	Impecting. Calibrating, and Adjusting Process Heating Equipment (i) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c) Aware of SO 50001 Energy LEfficiency a part of Purchasing Decision Energy Use Baseline for Comparing Tengy Use in Future Years Set Goals for Improving Energy Consumption Conduct Audits to Identify Energy Swing Opportunities Proceedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (i) Use Fluc Sato Is to Identify Energy Swing Opportunities Proceedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (i) Use Fluc Sato Is to Identify Energy Sato Ignores (j) Process Heating Maintenance Program that Includes the Following: Fruance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting. Calibrating, and Adjusting Process Heating Equipment (j) Respective Sato Identify Energy Sato Identify Energy Sato Identify Process Heating Maintenance Program that Includes the Following: Fruance Inspections (h) Cleaning of Heat Transfer Equipment (i) Respective Sato Identify Energy Sato Identify Energy Sato Identify Respective Sato Identify Energy Sato Identify Energy Sato Identify Respective Sato Identify Energy Sato Identify Energy Heating Equipment (j) Respective Sato Identify Energy Sato Identify Energy Heating Equipment (j) Respective Sato Identify Energy Sato Identify Energy Heating Equipment (j) Respective Sato Identify Energy Sato Identify Energy Heating Energy Heating Identify Energy Heating Identify Ident	1.547 2.281 1.567 2.542 340 100 108 338 320 W 428 365 303 377 386 399 177 184 220 224 430 307 438 5.555 6.456 6.458 1.219 1.573 4.38 395 5.957 5.136 4.862	377 248 668 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,955 1,343 1,343 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,583 1,5931
	Inspecting. Calibrating, and Adjusting Process Heating Equipment (i) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c) Aware of SO 50001 Energy UE Baseline for Comparing Tenrgy Use in Future Years Set Goals for Improving Energy Consumption Conduct Audits to Identify Energy Swing Opportunities Proceedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Identify Energy Swing Opportunities Proceedures to Reduce Electricity Consumption Inspecting (Insteination and Insteination In Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Identify Energy Swing Opportunities Proceedures to Reduce Electricity Consumption Inspecting. Calibrating, and Adjusting Process Heating Equipment (f) Inspecting. Calibrating, and Adjustry Process Heating Equipment (f) Inspecting. Calibrating, and Adjusting Process Heating Equipment (f) Inspecting. Calibrating, and Adjusting Process Heating Equipment (f) Respective Sonoll Energy UE Amount of Compressed Air Leaks (1) Track the Amount of Comparing Energy Use In Compressed Air Systems Wood Products Person(s) Responsible for Energy Management (c) Aware of SS 50001 Energy Uice Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Proceedures to Revice Electricity Consumption Immes of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Immes of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f) Conduct Audits to Identify Energy Saving Opportunities Proceedures to Revice Vectoricity Consumption Immes of Critical Grid Conditions Automation Controls to	1.547 2.281 1.567 2.542 340 100 108 338 320 W 428 365 303 377 386 399 177 184 220 224 430 220 244 307 438 5,555 6,456 5,456 5,456 5,458 5,458 5,458 5,458 5,515 5,186 5,515 5,195 5,195	377 248 668 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,955 1,343 1,5431
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	Inspecting. Calibrating. and Adjusting Process Heating Equipment (i) Keep an Invertory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c) Aware of SO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Company Tengen Yuse in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (inclering hypother the main utility, resenue or supplier meter) Conduct. Audits to Identify Energy Asing Opportunities Proceedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Massaw Oragen and Carlos Disords Levels (i) Ware Fuel Societ to Identify Energy Societ (i) Process Healing Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment () Energy Use Based Advisory Process Heating Equipment (i) Keep an Investory Ad Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Management (c) Aware of SO 5001 Energy Efficiency a part of Purchasing Decision Energy Use Based Societ (c) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment () Keep an Investory Ad Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Management (c) Aware of SO 5001 Energy Use Baseline for Company Electricity Communities Proceeding Societ Inspective Consumption Quantitative Goals Submetering (Intering Porchasing Decision Energy Use Baseline for Company Electricity Communities Proceeding Societ Inspective Consumption Quantitative Goals Submetering Intering Device Inspective Consumption Measure Orgen and Carlon Disorde Levels (f) User Fluctions to Reduce Electricity Consumption Immes of Critical Grid Conditions Measure Orgen and Carlon Disorde Levels (f) User Fluctions to Reduce Electricity Consumption Immes of Critical Grid Conditions	1.547 2.281 1.567 2.542 340 346 346 348 348 348 348 348 348 348 348 348 348	377 248 668 67 102 W 317 317 316 66 99 99 W 33 33 61 35 W 239 228 200 162 121 W 239 228 200 162 162 162 162 162 162 162 162 162 162	1,95 1,944 1,944 1,685 1,685 1,695 1,997 5 5 5 5 5 5 5 5 5 5 5 5 5
	Inspecting. Calibrating, and Adjusting Process Heating Equipment (i) Reep an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c) Aware of SO 50001 Energy UE Baseline for Company Energy Use in Future Years Set Goals for Improving Energy Consumption Conduct Audits to dentify Energy Saving Opportunities Proceedures to Medica Electricity Consumption in Times of Critical Grid Conditions Measure Organ and Carbon Dioxide Levels (f) Use Fluc Sato I Company Energy Use in Future Years Set Goals for Improving Energy Use in Future Years Set Goals for Improving Energy Use in Future Years Proceedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Organ and Carbon Dioxide Levels (f) Use Fluc Sato I Detheric Uter Ferguingement (f) Inspecting. Calibrating, and Adjusting Process Heating Equipment (j) Reesp an Inventory of All Motors Detect and Control Compressed Air Leaks (l) Track the Amount of Energy Management (c) Aware of SO 50001 Energy Uter Baseline for Company Energy Use in Future Years Set Goals for Improving Energy Use in Future Years Set Goals for Inproving Energy Use in Future Years Set Goals for Inproving Energy Use in Future Years Set Goals for Inproving Energy Use in Future Years Set Goals for Improving Energy Use in Future Years Set Goals for Inproving Energ	1.547 2.281 1.567 2.542 340 100 108 338 320 W 428 365 303 377 386 399 177 184 220 224 430 399 177 184 220 224 430 307 438 5,456 5,456 5,458 5,456 5,458 5,458 5,458 5,458 5,458 5,458 5,552 5,552 2,799 2,512 2,75	377 248 668 0 0 302 317 65 99 9 33 61 61 309 40 40 35 W 239 228 200 162 327 239 228 200 162 321 W W 239 228 200 162 35 50 36 320 34 33 340 545 545 545	1,955 1,342 1,545 1,555
	Inspecting. Calibrating. and Adjusting Process Heating Equipment (i) Keep an Invertory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c) Aware of SO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Company Tengen Yuse in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (inclering hypother the main utility, resenue or supplier meter) Conduct. Audits to Identify Energy Asing Opportunities Proceedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Massaw Oragen and Carlos Disords Levels (i) Ware Fuel Societ to Identify Energy Societ (i) Process Healing Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment () Energy Use Based Advisory Process Heating Equipment (i) Keep an Investory Ad Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Management (c) Aware of SO 5001 Energy Efficiency a part of Purchasing Decision Energy Use Based Societ (c) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment () Keep an Investory Ad Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Management (c) Aware of SO 5001 Energy Use Baseline for Company Electricity Communities Proceed for Societ Soc	1.547 2.281 1.567 2.542 340 346 346 348 348 348 348 348 348 348 348 348 348	377 248 668 67 102 W 317 317 316 66 99 99 W 33 33 61 35 W 239 228 200 162 121 W 239 228 200 162 162 162 162 162 162 162 162 162 162	1,95 1,944 1,944 1,685 1,685 1,695 1,997 5 5 5 6 6 6 6 6 6 7 4 4 4 4 4 4 4 4 4 4 4 4 4
	Inspecting. Calibrating, and Adjusting Process Heating Equipment (i) Reep an Invertory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c) Aware of SO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Company Tengen Tenge Vise in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (inclering bypoint) for Energy Vise in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (inclering bypoint) for Tenge Vise in Future Years Proceedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Organ and Carlon Dioxide Levels (f) Ware Fuel So to Identify Energy Solie (f) Process Heating Maintenance Program that Includes the Following: Furance Impression (f) Ceaning of Heat Transfire Equipment (f) Measure Organ and Adjusting Process Heating Equipment (f) Measure Organ and Adjusting Process Heating Equipment (f) Measure Organ and Adjusting Process Heating Equipment (f) Measure Transfire Equipment (f) Measure Instructs of Add Motors Detect and Control Compressed Air Leaks (f) Track the Amount of Energy Management (c) Aware of SO 50001 Energy Utilise Information Forger Solie Solie (f) Energy Utilise Information Forger Consumption Quantitative Goals Submetering (Intering Point In Compressed Air Systems Exerced Sol 50001 Energy Utilise Information Forger Consumption Quantitative Goals Submetering (Intering Point In Compressed Air Systems Froced Intering Solie Of Durchasing Decision Energy Utilise Information Energy Goard Intering I	1.547 2.281 1.567 2.542 340 346 346 348 348 348 349 349 349 340 349 340 340 340 340 340 340 340 340 340 340	377 248 668 67 102 W 317 317 317 317 317 317 317 317 317 317	1,950 1,343 1,343 1,585 1,585 1,585 1,585 1,595
21	Inspecting. Calibrating, and Adjusting Process Heating Equipment (i) Reep an Inventory of All Motors Detecting Calibrating and Adjusting Process Heating Equipment (i) Track the Amount of Energy Spent in Compressed Air Systems External Allied Product Person(s) Responsible for Energy Management (c) Aware of SO 50001 Implementing 50 50001 Energy Use Baseline for Comparing Tenry Use in Future Years Seat Soalis for Improving Energy Consumption Quantitative Goods Submetering (inclering beyond the main utility, resenue or supplier meter) Conduct Audits to Identify Energy Soai (a) Future Years Seat Soalis for Improving Energy Consumption Quantitative Goods Submetering (inclering beyond the main utility, resenue or supplier meter) Conduct Audits to Identify Energy Soai (a) Optimites Proceedures to Reduce Electricity Consumption to Times of Critical Grid Conditions Maseur Organ and Carbon Dioxide Levels (i) Wase Rue Gas to Identify Energy Soai (a) Optimites Proceedures to Reduce Electricity Consumptions to Times of Critical Grid Conditions Maseur Organ and Carbon Dioxide Levels (i) Wase Rue Gas to Identify Energy Soai Interosets (a) Proceedures to Reduce Electricity Consumptions to Times of Critical Grid Conditions Maseur Organ and Adjusting Process Heating Equipment (i) Rate Inde Gas to Identify Energy Soai Interos (I) Tracts the Amount of Energy Soai Interos (I) Tracts the Amount of Energy Soai Interos Based Soa Soai I Implementing (I) Energy Use Based Soa Soai I Implementing Forgery Consumption Maseuris (Intering Energy Level Interv Years Based Soa Fort Improving Energy Level Soai Future Years Based Soa Fort Improving Energy Consumption Maseuris (Intering Neurona Dioxide Levels (i) Maseuris (Intering Neurona Energy Soai Interv Years Based Soa Fort Improving Energy Consumption Maseuris (Intering Neurona Dioxide Levels (i) Maseuris (Intering Neurona Energy Soai Interv Years Based Soa Fort Improving Energy Level Interv Years Maseuris (Intering Neurona Dioxide Levels (i) Neurona (1.547 2.281 1.567 2.542 340 346 346 348 348 348 349 349 349 340 349 340 340 340 340 340 340 340 340 340 340	377 248 668 67 102 W 317 317 317 317 317 317 317 317 317 317	1,950 1,343 1,343 1,585 1,585 1,585 1,585 1,595
22	Inspecting. Calibrating, and Adjusting Process Heating Equipment (i) Keep an Invertory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c) Aware of SO 50001 Implementing 50 50001 Energy Use Baseline for Company Tengen Tenge Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (inclering bypoint for Energy Wang Person Conduct Audits to Identify Energy Swing Opportunities Proceedings of Detection Tenges (Consumption Quantitative Goals Submetering (inclering bypoint for main utility, resenue or supplier meter) Conduct Audits to Identify Energy Swing Opportunities Proceedings to Identify Energy Swing Opportunities Proceedings of Detection Dioxide Levels (f) Wase Flue Sato Is Identify Energy Advisory Opportunities Proceedings of Press Consumption Quantitative Goals Measure Organ and Calibiang Process Heating Equipment (f) Meases Intervity of All Motors Detect and Control Compressed Air Leaks (f) Track the Amount of Energy Sator In Compressed Air Systems Wood Products Person(s) Responsible for Energy Management (c) Aware of SO 50001 Energy Ufficiency a part of Purchasing Decision Energy Use Baseline for Company Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intering Portuniting Energy Use in Future Years Set Goals for Improving Energy Sator Incompressed Air Systems Froceed For So 50001 Energy Use Baseline for Company Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intering Portunition Process Heating Equipment (f) Canditat Audits to Berly Energy Saving Opportunities Proceeding The Energy Management (f) Canditat Audits to Berly Centerity Consumption Times of Critical Grid Conditions Measure Orgen and Carlon Dioxide Levels (f) Use Flue Gas to Identify Energy Saving Opportunities Proceedin	1.547 2.281 1.567 2.542 340 346 346 348 348 348 348 348 348 348 348 348 349 349 349 349 349 349 349 349 349 349	377 248 668 60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,950 1,343 1,343 1,585 1,585 1,585 1,585 1,595
21	Imperting. Calibrating. and Adjusting Process Heating Equipment (i) Reep an Inventory of All Mators Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Easther and Allied Product Person(s) Responsible for Energy Management (c) Aware of SO 50001 Energy Use Baseline for Company Energy Use in Future Yeans Section Society Section (C) Society Section	1.547 2.281 1.567 2.542 340 100 108 338 320 W 428 365 303 377 386 399 177 184 220 224 430 399 177 184 220 224 430 399 177 184 399 177 184 399 177 184 399 399 177 184 399 177 184 399 505 505 507 507 5136 5,552 5,552 2,775 3,066 3,389 3,389 5,724	377 248 668 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1950 134345 1,639 1,639 1,639 1,639 1,639 1,630 1,620
21	Imperting. Calibrating, and Adjusting Process Heating Equipment (i) Reep an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Leather and Allied Product Person(s) Responsible for Energy Management (c) Aware of SO 50001 Energy UE Baseline for Company Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Swing Opportunities Proceedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Organ and Carlon Dioxide Levels (f) Use Flue Gas to Tenergy Use Baseling Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (f) Inspecting. Calibrating, and Adjusting Process Heating Equipment (j) Rees an Inventory of All Motors Detect and Control Compressed Air Leaks (l) Track the Amount of Energy Management (c) Aware of SO 50001 Energy UE Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Management (c) Aware of SO 50001 Energy UE Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Reep an Inventory of All Motors Detect and Control Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption in Times of Critical Grid Conditions Mature Organ and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment (i) Respections (h) Cleaning of Heatice Electricity Consumption in Times of Critical Grid Conditions Mature Organ and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Gauipment to (h) R	1.547 2.281 1.567 2.542 340 100 108 338 320 W 428 365 303 377 386 399 177 184 220 224 365 303 377 386 399 177 184 428 184 177 184 428 184 184 184 184 184 184 184 184 184 18	377 248 668 0 0 302 317 65 99 9 33 65 61 303 40 40 35 W 239 228 200 162 327 229 228 200 162 321 221 321 321 321 324 3,165 3,294 3,165 3,645 3,645 3,645 3,294 3,165 2,702 3,75 3,75 3,75 3,75 3,75 3,75 3,75 3,75	1,905 1,905 1,959 1,145 1,639 1,194

	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that includes the Following:	1,082	126	
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	606 520	629 652	
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	479 454	655 778	
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	600 1,110	561 W	
12	Veneer, Plywood, and Engineered Woods			
	Person(s) Responsible for Energy Management (c)	609	139	
	Aware of ISO 50001 Implementing ISO 50001	751 95 102	111 W	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	383	655 345	
	Set Goals for Improving Energy Consumption Quantitative Goals	412	350 147 132	
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	736 579	138	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	588 645	116 50	
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	640 708	164 103	
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	356	451	
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	321 360	449 416	
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	239 395	436 309	
	Track the Amount of Energy Spent in Compressed Air Systems	674	94	
21219	Reconstituted Wood Products			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	109	32 31	
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	30 5	W 142	
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	11 59	131 77	
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	38 97	35 57	
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	81 97	58 46	
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	137 59	7 72	
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	91	49	
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	51	97 93	
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	39 25	109 90	
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	75	65 30	
19	Other Wood Products			
	Person(s) Responsible for Energy Management (c)	3,570	724	1
	Aware of ISO 50001 Implementing ISO 50001	4,161	828	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	1,242 2,881	3,245	1
	Set Goals for Improving Energy Consumption Quantitative Goals	2,662	1,009	1
	Submetering (metering beyond the main utility, revenue or supplier meter)	4,774 3,412	330 485	1
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	3,243	807	1
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	3,332 3,432	549 349	1
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	3,626	295	1
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	1,789 1,620	2,393 2,036	1
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	1,885 2,272	1,955 1,592	1
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	2,223 3,724	1,800 214	1
2	Paper			
	Person(s) Responsible for Energy Management (c)	1,868	1,136	
	Aware of ISO 50001 Implementing ISO 50001	2,142 879	911 Q	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	503 1,253	2,435 1,384	
	Set Goals for Improving Energy Consumption Quantitative Goals	1,520 292	1,299 770	2
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	2,467	606 734	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	2,113 2,129	664 658	
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	2,117 2,218	672	
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	1,165	1,603	
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	980	1,505	
	Keep an Inventory of All Motors	988	1,586	
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	1,134 2,160	1,503 568	
22110	Pulp Mills			
	Person(s) Responsible for Energy Management (c)	7	21	
	Aware of ISO 50001 Implementing ISO 50001	11	0	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	0 W	w	
	Set Goals for Improving Energy Consumption Quantitative Goals	W 7	w	
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	6 4	22 19	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	w w	W 13	
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	0 W	W 23	
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	0	w	
	Cleaning of Heat Transfer Equipment (i)	0	W	
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	W	W	
		50		
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	18 W	10 10	

	Implementing ISO 50001	102	8	
	Energy Efficiency a part of Purchasing Decision	0	150	15
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	6 19	146 133	12
	Quantitative Goals	32 33	96 123	37
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	33	123	25
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	54	90 27	21
	Measure Oxygen and Carbon Dioxide Levels (f)	28	120	17
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	45	100	20
	Furance Inspections (h)	11	133	2
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	14 5	133	21
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	13 83	137 66	1
	Track the Amount of Energy Spent in Compressed Air Systems	84	61	2
322122	Newsprint Mills			
		0	w	
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	7	10	v
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	10	0	
	Energy Use Baseline for Comparing Energy Use in Future Years	W	W	
	Set Goals for Improving Energy Consumption Quantitative Goals	W	W	v
	Submetering (metering beyond the main utility, revenue or supplier meter)	0	18	
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	W 0	9 W	v
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	w	w w	v v
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	W	12	v
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	w	11	v
	Cleaning of Heat Transfer Equipment (i)	0	w	v
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	0	W 18	V
	Detect and Control Compressed Air Leaks (I)	w	8	v
	Track the Amount of Energy Spent in Compressed Air Systems	W	12	V
322130	Paperboard Mills			
	Person(s) Responsible for Energy Management (c)	26	104	1
	Aware of ISO 50001 Implementing ISO 50001	80	57 W	······································
	Energy Efficiency a part of Purchasing Decision	W	137	v
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	10	125	1
	Quantitative Goals	23	89	3
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	46	95	2
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	44	84	1
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	90 21	35	2
	Use Flue Gas to Preheat Other Equipment or Processes (g)	35	94	1
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	18	120	
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	18	121 127	1
	Keep an Inventory of All Motors	10	124	1
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	58	67 58	2
323	Printing and Related Support			
	Person(s) Responsible for Energy Management (c)	9.223	2.008	
	Aware of ISO 50001			2,774
	Aware of ISO 50001 Implementing ISO 50001	10,070 2,379	2,522 Q	
	Aware of ISO 50001	10,070 2,379 2,681	2,522	2,55
	Aware of 50 50001 Implementing 150 50001 Energy Efficiency a part of Pruchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Compution	10,070 2,379 2,681 7,787 6,989	2,522 Q 8,774 2,463 2,877	2,55 3,75 4,13
	Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchaing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals	10,070 2,379 2,681 7,787	2,522 Q 8,774 2,463	2,55 3,75 4,13
	Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchaing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Interieng Beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	10,070 2,379 2,681 7,787 6,989 1,058 12,457 8,615	2,522 Q 8,774 2,463 2,877 1,526 359 2,386	2,55 3,75 4,13 11,42 3,00
	Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchaing Decision Energy Use Biseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Case Implementation of Comparing Energy Case Implementation Guantitative Goals Submetering (Interimg Beyond the main utility, revenue or supplier meter) Conduct Adults to Iodently Energy Singe Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions	10,070 2,379 2,681 7,787 6,989 1,058 12,457 8,615 8,038 9,267	2,522 Q 8,774 2,463 2,877 1,526 359 2,386 2,409 1,139	2,55 3,75 4,13 11,42 3,00 3,55 3,59
	Aware of 50 50001 Implementing ISO 50001 Energy Efficiency a part of Purchaing Decision Energy Use Baseline for Company Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering Interting beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Intergy Swing Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Oxgen and Carbon Dioded Levels (1)	10,070 2,379 2,681 7,787 6,989 1,058 12,457 8,615 8,038 9,267 10,474	2,522 Q 8,774 2,463 2,877 1,526 359 2,386 2,409 1,139 418	2,55 3,75 4,13 11,42 3,00 3,55 3,59 3,59 3,11
	Aware of 50 50001 Implementing ISO 50001 Energy Efficiency a part of Purchaing Decision Energy Use Breaken for Company faith and the energy Consumption Countitative Goals Submetering (metering Lenergy Lose in Future Years Submetering (metering Lenergy Consumption Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Diadok Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	10,070 2,379 2,681 7,787 6,989 1,058 12,457 8,615 8,615 9,267 10,474 10,795	2,522 Q 8,774 2,463 2,877 1,526 359 2,386 2,409 1,139 418 251	2,55 3,75 4,13 11,42 3,00 3,55 3,59 3,11 2,95
	Aware of 50 50001 Implementing 150 50001 Energy Efficiency a part of Purchaing Decision Energy Use Biseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Interimg Beyond the main utility, revenue or supplier meter) Conduct Adults to Identify Energy Singi Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Pheate Other Equipment or Processes (g)	10,070 2,379 2,681 7,787 6,989 1,058 12,457 8,615 8,038 9,267 10,474	2,522 Q 8,774 2,463 2,877 1,526 359 2,386 2,409 1,139 418	2,55 3,75 4,13 11,42 3,00 3,55 3,59 3,11 2,95 3,39
	Aware of 50 50001 Implementing 150 50001 Energy Efficiency a part of furchasing Decision Energy Use Brainel for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Interimg Beyond the main utility, revenue or supplier meter) Conduct Audits to Iodentify Energy Saving Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Phenat Other Equipment for Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (i) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating And Aguitating Process Heating Equipment (j)	10,070 2,379 2,681 7,787 6,6989 10,588 12,457 8,615 8,038 9,267 10,474 10,776 4,617 5,542 5,542 5,542 5,542	2,522 0 8,774 2,463 2,877 1,526 359 2,386 2,409 1,139 4,18 2,51 5,998 4,752 4,955	2,55 3,75 4,13 11,42 3,00 3,55 3,59 3,11 2,95 3,39 3,71 3,65
	Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Biseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Class Inture Years Set Goals for Improving Energy Class Inture Years Conduct Adults to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Phenat Other Faguament or Processes (g) Process Healting Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment () Inspecting, Calabrating, and Adjusting Process Healting Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed A Licaba ()	10,070 2,379 2,681 7,787 6,989 12,457 8,615 8,038 9,267 10,474 10,795 4,617 5,542 5,395 7,918 7,675	2,522 Q 8,774 2,463 2,877 1,526 2,385 2,409 1,139 418 251 5,998 4,752 4,955 2,438 3,235	2,55 3,75 4,13 11,42 3,00 3,55 3,59 3,11 2,95 3,59 3,39 3,371 3,55 3,65 3,655 3,655 3,695 3,09
	Aware of 50 50001 Implementing 150 50001 Energy Efficiency a part of Purchaing Decision Energy Use Braine for Comparing Energy Use In Future Years Set Goals for Improving Energy Loss In Future Years Set Goals for Improving Energy Loss In Future Years Conduct Audits To Identify Energy Samp Opportunities Conduct Audits To Identify Energy Samp Opportunities Proceedures to Reduce Electricity Consumption I Times of Critical Orid Conditions Automation Controls to Reduce Electricity Consumption I Times of Critical Orid Conditions Measure Organ and Carbon Dioxide Levels (1) Use File Gas to Preheat Other Equipment or Processes (g) Process Heating Matteriance Program Intal Includes the Following: Furance Inspections (h) Ceaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	10,070 2,379 2,681 7,787 6,689 10,558 12,457 12,457 10,458 8,615 8,038 9,267 10,474 10,796 4,617 5,542 5,396 7,918	2,522 Q 8,774 2,645 2,877 1,556 2,836 2,409 1,139 4,15 2,598 4,752 4,955 2,448	2,55 3,75 4,13 11,42 3,00 3,55 3,59 3,11 2,95 3,59 3,39 3,371 3,55 3,65 3,655 3,655 3,695 3,09
324	Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Biseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Class Inture Years Set Goals for Improving Energy Class Inture Years Conduct Adults to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Phenat Other Faguament or Processes (g) Process Healting Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment () Inspecting, Calabrating, and Adjusting Process Healting Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed A Licaba ()	10,070 2,379 2,681 7,787 6,989 12,457 8,615 8,038 9,267 10,474 10,795 4,617 5,542 5,395 7,918 7,675	2,522 Q 8,774 2,463 2,877 1,526 2,385 2,409 1,139 418 251 5,998 4,752 4,955 2,438 3,235	2,55 3,75 4,13 11,42 3,00 3,55 3,59 3,11 2,95 3,59 3,39 3,371 3,55 3,65 3,655 3,655 3,695 3,09
324	Aware of 50 50001 Implementing 150 50001 Energy Efficiency a part of Purchasing Decision Energy Use Biseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Lose Infuture Years Set Goals for Improving Energy Lose Infuture Years Conduct Adults to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Phenat Other Faguament or Processes (g) Process Healting Maintenance Program that Includes the Following: Furance Inspections, (1) Cleaning of Heat Transfer Equipment (1) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Laks (1) Track the Amount of Energy Spent in Compressed Air Systems Petroleum and Coal Products	10,070 2,379 2,681 7,787 6,989 12,457 8,615 8,038 9,267 10,474 10,795 4,617 5,542 5,395 7,918 7,675	2,522 Q 8,774 2,463 2,877 1,526 2,385 2,409 1,139 418 251 5,998 4,752 4,955 2,438 3,235	2,55 3,75 4,13 11,42 3,00 3,55 3,59 3,11 2,95 3,39 3,37 3,59 3,37 3,55 3,55 3,55 3,55 3,55 3,55 3,55
324	Aware of 50 50001 Energy Efficiency a part of furthaing Decision Energy Use Braine for Comparing Energy Use In Future Years Fengy Use Braine For Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Conduct Adults to Identify Energy Sanging Opportunities Use Trained Set	10,070 2,379 2,681 7,787 6,589 10,58 12,457 8,615 8,038 9,267 10,474 10,796 4,617 5,542 5,542 5,542 5,542 5,542 5,542 5,542 5,542 5,542 5,542 5,542 5,542 5,542 5,542 5,542 5,542 5,542 5,542 5,542 7,918 7,675 10,469	2,522 Q 8,774 2,463 2,877 1,526 359 2,386 2,409 1,139 418 2,51 5,998 4,752 2,488 3,225 4,955 2,488 3,225 4,75 5,954	2,55 3,75 4,13 11,42 3,00 3,55 3,59 3,11 2,95 3,39 3,37 3,59 3,37 3,55 3,55 3,55 3,55 3,55 3,55 3,55
324	Aware of 50 50001 Energy Use Baseline for Comparing Energy Use In Future Years Denrgy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Case Infuture Years Set Goals for Improving Energy Case Infuture Years Submetring (Intering Beyond the main utility, revenue or supplier meter) Conduct Adults to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Measure Oxgen and Critical Grid Conditions Prance Inspection, Calibrating, and Adjusting Process Heating Equipment (1) Inspecting, Calibrating, and Adjusting Process Heating Equipment (2) Peter and Control Compressed Air Laks (1) Track the Amount of Energy Management (c) Aware of 50 5001 Petrone(1), Responsible for Leregy Management (c)	10,070 2,379 2,681 7,787 6,589 10,588 12,457 8,615 8,038 9,267 10,474 10,795 4,617 5,542 5,542 5,542 5,542 5,542 5,545 7,918 7,675 10,469	2,522 Q 8,774 2,463 2,877 1,536 2,386 2,469 1,139 4,18 2,51 5,998 4,752 4,955 2,488 3,235 2,488 3,235 4,479	2,55 3,75 4,13 11,142 3,000 3,55 3,59 3,39 3,31 1,12 2,55 3,39 3,31 3,65 3,69 3,09 3,05 3,09 3,05 3,09 3,05 3,09 3,05 3,07 3,07 3,07 5,07 5,07 5,07 5,07 5,07 5,07 5,07 5
324	Aware of 50 50001 Implementing 150 50001 Energy LERicency a part of Purchasing Decision Submetting Interim Beyond the main utility, revenue or supplier meter) Conduct Audits to Iodenly Energy Sumg Opportunities Procedures to Reduce Electricity Consumption ITmes of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption ITmes of Critical Grid Conditions Messave Oxgen and Carbon Dioxide Levels (f) User Fue Gas to Phease Other Equipment or Processes (g) Processer, Haning Maintenance Program that Includes the Following: Furance Inspection; Adjusting Process Heating Equipment (j) Keep an Invention of All Motors Detect and Control Compressed Air Lask (l) Track the Anomori Genergy Sent in Compressed Air Systems Peroleum and Caal Products Person(s) Responsible for Energy Management (c) Aware of SO 50001 Implementing IGS 50001 Energy Utic Results for Sono11 Energy Utic Results for Compression Altruer Years	10,070 2,379 2,681 7,787 6,689 10,558 12,457 8,615 8,038 9,267 10,474 10,796 4,617 5,542 5,542 5,542 5,545 7,918 7,675 10,469 908 1,206 482 73	2,522 Q 8,774 2,463 2,877 1,556 2,386 2,409 1,139 4,15 2,598 4,753 5,744 8,955 5,744 99 99 1,553 7,775	2,55 3,75 4,13 11,42 3,00 3,55 3,59 3,55 3,59 3,55 3,55 3,55 3,55
324	Aware of 50 50001 Implementing 150 50011 Energy LERicency a part of Purchasing Decision Energy LERicency a part of Purchasing Decision Energy LERicency a part of Purchasing Decision Dendry Use Busiene for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetting (Intering Beyond the main utility, revenue or supplier meter) Conduct Audits to Iodently Energy Samog Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) User Flue Gas to Phease Other Equipment or Processes (g) Process Healing Maintenance Program that Includes the Following: Furance hopections (h) Cleaning of Heal Trinsfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Percoleum and Cal Products	$\begin{array}{c} 10,070\\ 2,379\\ 2,681\\ 7,787\\ 6,689\\ 10,558\\ 12,457\\ 6,615\\ 8,038\\ 9,267\\ 10,774\\ 10,796\\ 4,617\\ 5,542\\ 5,396\\ 7,918\\ 7,675\\ 10,469\\ \end{array}$	2,522 Q 8,774 2,463 2,877 1,556 5,399 2,409 2,409 4,139 4,139 4,139 4,139 4,153 2,438 4,755 2,448 3,215 4,755 2,448 3,225 4,759 4,755 2,448 3,225 4,759 4,755 2,448 3,225 4,759 5,584 99 99 1,551 7779 805 5,588	2,55 3,75 4,13 11,14,2 3,000 3,55 3,59 3,39 3,71 3,65 3,65 3,69 3,09 3,05 3,09 3,05 3,09 3,05 3,09 3,05 3,09 3,05 3,09 3,05 3,00 3,00
324	Aware of 50 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Conduct Adults to Identify Energy Sange Opportunities Procedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Immes of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Phenalt Other Faujument to Processes (g) Process Healting Maintenance Program that Includes the Following: Furance Inspections, (1) Cleaning of Heat Transfer Equipment () Inspecting, Calibrating, and Adjusting Process Healting Equipment ()) Exert and Interling, and Adjusting Process Healting Equipment () Track the Amount of Energy Spent in Compressed Air Systems Petrelema and Cal Products Person(s) Responsible for Energy Management (c) Aware of 50 50001 Emergy Heating Energy Management (c) Energy Hickensy apart of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Comparing the Future Years Set Goals for Improving Energy Comparing Energy Use In Future Years Set Goals for Interging Heating Equipment () Energy Hickensy apart of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Interging Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Interging Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Interging Heating Hea	10,070 2,379 2,681 7,787 6,589 10,58 12,457 8,615 8,038 9,267 10,474 10,795 4,617 5,542 5,542 5,542 5,542 5,542 5,545 7,918 7,675 10,469 908 1,205 482 73 629 617 142	2,522 0 8,774 2,463 2,877 1,526 359 2,386 2,409 1,139 418 251 5,998 4,752 4,955 2,438 3,225 4,955 2,438 3,225 4,759 5,84 99 1,551 779 805 5,58 3,21	2,55 3,75 4,13 11,14,2 3,00 3,55 3,59 3,11 2,95 3,39 3,71 3,66 3,66 3,69 3,09 3,05 3,09 3,05 3,09 3,05 3,09 3,05 3,09 3,05 3,00 3,05 3,05 3,00 3,05 3,05 3,05
324	Aware of 50 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for improving Energy Consumption Conduct Addits to Identify Energy Saming Opportunities Procedures to Reduce Electricity Consumption Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Phenae Other Equipment (2) Inspecting, Californian, and Adjusting Porcess Heating Equipment (1) Inspecting, Californian, and Adjusting Porcess Heating Equipment (2) Track the Amount of Energy Spent in Compressed Air Systems Percentum and Calif Products Person(1) Responsible for Energy Management (c) Aware of 165 05001 Implementing I55 05001 Implementing I55 05001 Energy Consumption Future Years Set Goals for Improving Energy Consumption Classificative Gais Submetering Intering Beyong the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Sama Garbon Lines Person(4) Responsible for Energy Management (c) Aware of 165 05001 Energy Filescons applier of Process Set Goals for Improving Energy Consumption Classificative Gais Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Classificative Gais Comparing Energy Consumption Classificative Conduct Audits to Identify Intergy Sa	10,070 2,379 2,681 7,787 6,589 10,588 12,457 8,615 8,038 9,267 10,474 10,795 4,617 5,542 5,542 5,542 5,542 5,542 5,542 7,918 7,675 10,469 908 1,205 482 73 629 617 142 1,487	2,522 Q 8,774 2,463 2,877 1,526 359 2,489 2,489 2,489 2,499 4,152 5,998 4,752 2,488 3,255 2,488 3,255 2,485 3,255 4,955 2,485 3,255 4,955 5,844 99 1,551 779 805 5,584 99 805 5,584 99 805 5,584 99 805 5,584 905 5,584 905 5,584 905 5,584 905 5,584 905 5,584 905 5,584 905 5,554 5,	2,55 3,75 4,13 11,14,2 3,000 3,55 3,59 3,39 3,31 3,65 3,65 3,66 3,66 3,66 3,00 0 3,05 3,05
324	Aware of 50 50001 Implementing 150 50011 Energy LERicency a part of Purchasing Decision Submetting Interimg Reprovide In Future Years Submetting Interimg Reprovide Interimg Network Submetting Interimg Reprovide Interimg Network Procedures to Reduce Electricity Consumption Interes of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Interes of Critical Grid Conditions Messave Oragen and Carbon Dioxide Levels (f) User Flue Gas to Pheat Other Equipment to Processe (g) Procesch Harting Maintenance Program that Includes the Following: Furace Implection, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Invention of Calibrating, and Adjusting Process Heating Equipment (j) Responsible for Energy Management (c) Aware of SO 50001 Implementing IGS 50001 Energy Lifeciency a part of Nurchasing Decision	$\begin{array}{c} 10,070\\ 2,379\\ 2,681\\ 7,787\\ 6,689\\ 10,658\\ 12,457\\ 6,615\\ 8,615\\ 3,0,38\\ 9,267\\ 10,774\\ 10,796\\ 4,617\\ 5,542\\ 5,346\\ 7,918\\ 7,675\\ 10,469\\ \end{array}$	2,522 Q 8,774 2,463 2,877 1,556 359 2,386 2,409 1,139 4,139 4,139 4,139 4,139 4,139 4,253 4,253 4,253 4,479 675 5,84 99 1,551 779 805 5,98 3,21 3,70	2,55 3,75 4,13 11,42 3,00 3,55 3,55 3,55 3,55 3,55 3,55 3,55
324	Aware of 50 50001 Energy Efficiency a part of Purchasing Decision Energy Lifeciency a part of Purchasing Decision Energy Lifeciency a part of Purchasing Decision Energy Lifeciency a part of Purchasing Decision Conduct Audits to Iodenthy Energy Sange Opportunities Submetting (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Iodenthy Energy Sange Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (f) Use Flue Gas to Prenate Other Equipment (a) Inspecting, California, and Adjustip Process Heating Equipment (f) Inspecting, California, and Adjustip Process Heating Heati	10,070 2,379 2,681 7,787 6,689 10,455 12,457 16,615 40,038 9,267 10,774 10,776 4,617 5,542 5,366 7,918 7,675 10,469 908 1,206 482 73 629 617 142 1,487 1,062 981 1,192	2,522 Q 8,774 2,463 2,877 1,556 359 2,409 2,409 2,409 2,409 2,409 4,755 4,755 4,755 4,755 4,755 4,755 4,755 4,755 5,988 3,225 4,79 675 5,984 99 1,551 779 805 5,98 321 370 5,522 2,76	2,55 3,75 4,13 11,42 3,00 3,55 3,59 3,39 3,71 3,65 3,65 3,69 3,09 3,05 3,09 3,05 3,09 3,05 3,09 3,05 3,09 3,05 3,09 3,05 3,09 3,05 3,00 3,00
324	Aware of 50 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Conduct Addits to Identify Energy Saming Opportunities Procedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Immes of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Phenat Other Faujument (2) Implementing (Interime Shore Phenat Other Faujument (2) Implement (2) Process Heating Maintenance Program that Includes the Following: Fruance Inspections (1) Cleaning of Heat Transfer Equipment (2) Implement (2) Track the Amount of Energy Spent in Compressed Air Systems Performance Inspection Person(5) Responsible for Energy Management (c) Aware of 50 50001 Implementing ISO 50001 Energy Vise Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Comparing Implement (2) Conduct Addits to Identify Energy Sing Opportunities Person(4) Responsible for Energy Management (c) Aware of 50 50001 Energy Vise Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Comparing Implement (2) Conduct Addits to Identify Energy Sing Opportunities Procedures to Reduce Electricity Communition Immes of Critical Grid Conditions Automation Controls to Reduce Electricity Communition Implementing ISO 50001 Energy Vise Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Comparing Implement Years Set Goals for Improving Energy Comparing Energy Use In Future Years Set Goals for Implement Yeargy Sing Opportunities Procedures to Reduce Electricity Communition Immes of Critical Grid Conditions Automation Controls to Reduce Electricity Communition Immes of Critical Grid Conditions	10,070 2,379 2,681 7,787 6,689 10,457 8,615 8,615 0,078 10,774 10,776 4,617 5,542 5,366 7,318 7,675 10,469 908 1,206 4,82 73 6,29 6,17 142 73 6,29 6,17 142 73 6,29 6,17 142 73 6,29 6,17 142 7,39 6,29 6,17 142 7,39 6,29 6,17 142 7,39 6,29 6,17 142 7,29 6,29 7,29 7,20 7,20 7,20 7,20 7,20 7,20 7,20 7,20	2,522 Q 8,774 2,463 2,877 1,556 359 2,469 2,409 2,409 2,409 2,409 4,355 4,355 4,355 4,355 4,355 4,479 675 5,84 4,79 675 5,84 99 1,551 779 805 5,38 321 370 5,528 321 370 5,528 4,259 4,259 4,259 4,259 5,38 3,215 7,79 805 7,79 805 805 805 805 805 805 805 805	2,55 3,75 4,13 11,42 3,00 3,55 3,55 3,55 3,55 3,55 3,55 3,55
324	Aware of 50 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Conduct Addits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Immes of Critical Grid Condition (1997) December 1011 December 101 Decemb	10,070 2,379 2,681 7,787 6,589 10,588 12,457 8,615 8,038 9,267 10,474 10,795 4,617 5,542 5,542 5,542 5,542 5,542 7,918 7,675 10,469 908 1,205 482 73 629 617 142 1,487 1,062 981 1,192 509 971	2,522 0 8,774 2,463 2,877 1,526 359 2,489 2,489 2,489 2,499 4,152 4,955 2,488 3,255 2,488 3,255 4,955 2,488 3,255 4,955 5,998 4,752 5,84 99 1,551 779 805 5,584 99 1,551 3,775 8,84 99 1,551 3,779 8,055 3,22 2,76 8,69 4,252 2,76 8,69 4,252 2,77 8,69 4,252 2,77 8,69 4,555 3,21 3,70 5,59 8,59 4,555 3,21 3,70 5,59 8,555 3,21 3,705 5,59 8,555 3,21 3,775 5,59 8,555 3,21 3,775 5,59 8,555 3,21 3,775 5,59 8,555 3,21 3,775 5,59 8,555 3,21 3,775 5,59 8,555 3,21 3,775 5,59 8,555 3,21 3,775 5,59 8,55 3,21 3,775 5,59 8,55 3,21 3,775 5,59 8,55 3,21 3,775 5,59 8,55 3,21 3,775 5,59 8,55 3,21 3,775 5,59 8,55 3,21 3,775 5,59 8,55 3,21 3,775 5,59 8,55 3,21 3,775 5,59 8,55 3,21 3,775 5,59 8,55 3,21 3,775 5,59 8,55 3,21 3,775 5,55 3,52 3,21 3,775 5,55 3,52 3,22 2,78 8,69 4,755 3,52 3,775 5,55 3,52 3,22 2,76 8,69 4,255 1,115 1,1	2,55 3,75 4,13 11,14,2 3,00 3,55 3,59 3,39 3,71 3,65 3,65 3,65 3,69 3,09 3,05 3,09 3,05 3,09 3,05 3,09 3,05 3,09 3,05 3,09 3,05 3,09 3,05 3,09 3,05 3,00 3,00
324	Aware of 50 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Conduct Addits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Immes of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Phenas Other Equipment (2) Energy Line Saving Consumption Implementing Information Program that Includes the Following: France Inspections (1) Cleaning of Heat Transfer Equipment (2) France Inspections (3) France Inspections (4) France I	10,070 2,379 2,681 7,787 6,589 10,588 12,457 8,615 8,038 9,267 10,474 10,795 4,617 5,542 5,542 5,542 5,542 5,542 7,918 7,675 10,469 908 1,205 482 73 629 617 142 1,487 1,062 981 1,192 509 971 275 315	2,522 0 8,774 2,463 2,877 1,526 359 2,489 2,489 2,499 1,139 418 251 5,998 4,752 4,955 2,438 3,225 4,755 5,495 4,755 5,84 99 1,551 779 805 5,584 99 1,551 3,22 2,76 869 4,252 2,776 869 4,252 2,78 869 4,252 1,155 1,155 1,155 1,155 1,155 1,155 1,210 869 4,252 2,776 8,777 1,777 8,777 1,7777 1,777 1,777 1,7777 1,7777 1,77777 1,7777	2,55 3,75 4,13 11,142 3,000 3,55 3,59 3,39 3,31 3,55 3,69 3,09 3,05 3,09 3,05 3,09 3,05 3,09 3,05 3,09 3,05 3,09 3,05 3,09 3,05 3,09 3,05 3,00 3,00
324	Aware of 50 50001 Implementing 150 5001 Energy Efficiency a part of Purchasing Decision Energy Lifeciency a part of Purchasing Decision Energy Lifeciency a part of Purchasing Decision Energy Lifeciency a part of Purchasing Decision Conduct Audits to Iodentify Energy Samog Opportunities Foreclares to Reduce Electricity Consumption Immes of Critical Grid Conditions Automation Controls Deduce Electricity Consumption Immes of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (f) Forces Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, California, and Adjustip Process Heating Kangement (a) Enspecting, California, and Adjustip Process Heating Equipment (j) Exercisions (h) Cleaning of Heat Transfer Equipment (c) Aware of 50 50001 Energy Efficiency a part of Purchasing Decision Energy Efficiency a part of Purchasing Opportunities Submetring (Interling Berogy Use In Future Years Set Goals for Improving Energy Use In Future Years Set Goals for Improving Energy Consumption Conduct Adults to Iodentify Energy Samog Opportunities Procedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (f) Use Flue Gas to Iodentify Energy Samog Opportunities Procedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (f) Use Flue Gas to Iodentify Energy Samog Opportunities Procedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (f) Use Flue Gas to Iodentify Energy Samog Opportunities Procedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Messure Oxgen and Car	10,070 2,379 2,681 7,787 6,689 10,658 12,457 8,615 8,615 8,615 10,774 10,776 4,617 5,642 5,396 7,918 7,675 10,469 908 1,206 4,82 73 6,29 6,17 142 73 6,29 6,17 142 73 6,29 6,17 142 7,315 5,99 971 2,75 3,15 5,91 194	2,522 2,527 2,463 2,463 2,877 1,526 359 2,409 2,409 2,409 2,409 2,409 2,409 4,353 4,355 2,448 3,235 4,479 675 5,84 4,79 675 5,84 99 91,551 779 805 5,38 3,21 3,70 5,52 2,76 869 425 1,155 1,155 1,155 1,155 1,155 1,200 4,000 4,000	2,55 3,75 4,13 11,42 3,000 3,55 3,59 3,59 3,59 3,59 3,59 3,59 3,69 3,69 3,69 3,69 3,69 3,69 3,69 3,6
	Aware of 50 5001 Energy Efficiency a part of Purchasing Decision Energy Lifeciency a part of Purchasing Decision Energy Lifeciency a part of Purchasing Decision Energy Lifeciency a part of Purchasing Decision Construct Audits to Iodentify Energy Saving Opportunities Frocedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls Deduce Electricity Consumption In Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Prenace Other Grupping Saving Opportunities Frocedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Prenace Other Grupping Saving Opportunities Fruance Inspections (1) Cleaning of Healt Transfer Equipment (2) Track the Amount of Energy Spent in Compressed Air Systems Fetcelaum and Coal Products Precols (1) Fruance Inspection Figure Composible for Energy Management (2) Aware of IoS 05001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Sat Gask for Improving Energy Consumption Conduct Audits to IoBing Precess Healing Grupping III Conditions Automation Controls Reduce Electricity Consumption In Times of Critical Grid Conditions Energy Use Baseline for Comparing Energy Use in Future Years Sat Gask for Improving Energy Consumption Conduct Audits to IoBing Energy Use In Future Years Satomation Conduct Satus IIII Control Consumption Use Flue Gas to IoBing IIII Control Consumption Use Flue Gas Use Healt IIII Control Consumption Use Flue Gas Use Healt IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	10,070 2,379 2,681 7,787 6,689 10,558 12,457 8,615 8,615 8,615 10,474 10,796 4,617 5,542 5,395 7,918 7,918 7,918 7,675 10,469 908 1,206 4,82 73 6,22 6,23 6,23 6,23 6,23 6,23 6,23 6,2	2,522 2,527 2,463 2,877 1,526 359 2,469 2,409 2,409 2,409 2,409 2,409 2,409 4,355 2,448 3,235 4,475 4,475 4,475 4,475 4,475 4,475 4,475 4,475 4,475 4,475 5,988 4,479 675 5,84 99 1,551 7,79 805 5,38 3,21 3,70 5,528 3,22 2,76 869 4,25 5,38 3,21 3,70 5,528 3,21 3,70 5,528 3,22 2,76 869 4,25 1,158 1,158 1,159 1,230 1,173 4,35 4,35 5,38 3,21 3,70 5,528 4,25 5,38 3,21 3,70 5,528 4,25 5,38 3,21 3,70 5,528 4,25 5,58 3,21 3,70 5,528 3,227 6,75 5,84 3,22 5,998 4,75 5,998 4,75 5,998 4,75 5,998 4,75 5,998 4,75 5,998 4,75 5,998 4,75 5,998 4,75 5,998 4,75 5,998 4,75 5,998 4,75 5,998 4,75 5,998 4,75 5,998 4,75 5,998 5,59 5,58 5,58 5,58 5,58 5,58 5,58 5,58 5,58 5,58 5,59 5,58 5,59 5,58 5,58 5,59 5,58 5,59 5,58 5,58 5,59 5,58 5,59 5,58 5,59 5,59 5,58 5,59 5,59 5,58 5,59	2,55 3,75 4,13 11,42 3,000 3,55 3,59 3,59 3,59 3,59 3,59 3,59 3,69 3,69 3,69 3,69 3,69 3,69 3,69 3,6
324	Aware of 50 5001 Implementing 150 5001 Energy Use Backers for Comparing Decision Energy Use Backers for Comparing Percy Use In Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetting (Intering Beyond the main utility, revenue or supplier meter) Conduct Audits to Interinfy Energy Submetting (Intering Beyond the main utility, revenue or supplier meter) Conduct Audits to Interinfy Energy Submet Or Processes (g) Procentures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls Deduce Electricity Consumption In Times of Critical Grid Conditions Marine Congenerative Processes (g) Process. Healing Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heal Transfer Equipment (i) Inspecting, Californiang, and Adjustip Process Healing Equipment (j) Teact the Amount of Energy Spent in Compressed Alr Systems Protect and Control Compressed Alr Labs (l) Tark the Amount of Energy Spent in Compressed Alr Systems Energy Use Baseline for Comparing Management (c) Aware of 105 50001 Implementing 150 50002 Bundenting Intering Networking Operative Conduct Audits to Iodentify Energy Systemin Grouncoase (g)	10,070 2,379 2,681 7,787 6,689 10,558 11,457 6,615 6,615 6,615 6,615 6,615 6,615 10,474 10,796 4,617 5,642 5,542 5,595 7,918 7,675 10,469 908 1,206 4,82 73 6,679 6,17 10,206 4,82 73 6,29 6,117 142 1,487 1,062 9,81 1,192 5,99 9,71 2,75 3,15 3,96 3,96 4,317	2,522 Q 8,774 2,463 2,877 1,526 359 2,409 2,409 2,409 2,409 4,753 4,753 4,755 2,448 3,235 4,755 2,448 3,235 4,757 8,495 4,757 5,84 99 9,1551 7,79 805 5,38 3,21 3,70 5,52 2,76 869 4,25 1,158 1,158 1,158 1,158 1,158 1,158 1,158 1,158 1,158 1,158 1,159 4,87 4,87 4,87 4,87 4,87 4,87 4,95	2,55 3,75 4,13 11,42 3,00 3,55 3,59 3,55 3,59 3,57 3,57 3,57 3,57 3,57 3,57 3,57 3,57
	Aware of 50 50001 Energy Use Baseline for Comparing Energy Use In Future Years Deragy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Interimg Bypond the main utility, revenue or supplier meter) Conduct Addits to Identify Energy Suing Opportunities Procedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Immes of Critical Grid Conditions Measure Oxgen and Cribon Dioxide Levels (1) Use Flue Gas to Phenat Other Equipment or Processes (g) Process. Heating Maintenance Program that Includes the Following: Furance Inspections, (h) Cleaning of Heat Transfer Equipment (1) Inspecting, Calibrang, and Adjusting Process Heating Equipment (1) Inspecting, Calibrang, and Adjusting Process Heating Equipment (2) Torack the Amount of Energy Spent in Compressed Air Systems Peter and Control Comparing Energy Use In Future Years Beter and Control Comparing Energy Use In Future Years Set Goals for Improving Energy Comparing Energy Use In Future Years Set Goals for Improving Energy Comparing Energy Use In Future Years Set Goals for Improving Energy Comparing Energy Use In Future Years Set Goals for Improving Energy	10,070 2,379 2,681 7,787 6,589 10,588 12,457 8,615 8,038 9,267 10,474 10,796 4,617 5,542 5,542 5,542 5,542 5,542 7,918 7,675 10,469 908 1,205 4,82 73 6,29 6,17 142 1,487 1,062 981 1,192 5,09 971 2,75 3,15 194 3,38 9,966 1,317	2,522 0 8,774 2,463 2,877 1,526 359 2,489 2,499 1,139 418 251 5,998 4,752 4,955 2,438 3,235 4,759 4,755 4,955 2,438 3,235 4,759 5,998 4,755 5,844 99 1,551 779 805 5,584 99 1,551 779 805 5,584 99 1,551 779 805 5,584 99 1,551 779 805 5,584 99 1,551 779 805 5,584 99 1,551 779 805 5,584 99 1,551 779 805 5,584 99 1,551 779 805 5,598 4,752 2,488 3,225 2,488 3,225 2,488 3,225 2,488 3,225 2,488 3,225 2,488 3,225 2,488 3,225 2,488 3,225 2,488 3,225 2,488 3,225 2,488 3,225 2,488 3,225 2,488 3,225 2,488 3,225 3,225 3,225 3,225 3,22 2,768 3,225 3,22 2,768 3,225 3,22 2,768 3,225 3,22 3,225 3,22 3,225 3,22 3,25 3,27 3,	2,55 3,75 4,13 11,42 3,00 3,55 3,59 3,55 3,59 3,57 3,57 3,57 3,57 3,57 3,57 3,57 3,57
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	Aware of 50 5001 Energy Efficiency a part of Purchaing Decision Energy Use Brachen for Comparing Energy Use Brachen Service Years Energy Use Brachen Service Years Event Service Years Eve	10,070 2,379 2,681 7,787 6,689 10,558 11,457 8,615 8,615 8,615 8,615 10,474 10,796 4,617 5,542 5,542 5,545 7,018 7,075 10,469 9,066 4,02 7,3 6,07 10,469 9,066 4,02 7,3 6,07 10,469 10,474 10,795 10,469 10,474 10,795 10,469 10,474 10,795 10,469 10,474 10,795 10,469 10,474 10,795 10,469 10,474 10,795 10,469 10,474 10,795 10,469 10,474 10,795 10,469 10,474 10,474 10,474 10,474 10,795 10,469 10,475 10,469 10,475 10,469 10,475 10,469 10,475 10,469 10,475 10,469 10,475 10,469 10,475 10,469 10,475 10,469 10,475 10,469 10,475 10,4	2 222 2 223 2 463 2 467 2 467 2 467 2 467 2 467 2 467 2 469 2 409 2 409 4 753 4 753 5 84 9 9 1 151 7 75 8 65 5 84 9 7 7 75 8 65 8 66 9 1 1 17 7 7 9 6 1 00 9 1 0 8 8 8 8 2 5 0 1 157 1 177 1 17	2,55 3,75 4,13 11,42 3,000 3,55 3,55 3,55 3,55 3,55 3,55 3,5
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	Aware of 50 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Conduct Addits to Identify Energy Saming Opportunities Procedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Immes of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Phenat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: France Inspections (n) Cleaning of Heat Transfer Equipment () Inspecting, Calibrating, and Aguitang Process Heating Equipment ()) Exert and Carbon Clamps and Ariba () Exert and Carbon Clamps and Ariba () Track the Amount of Energy Spent in Compressed Air Systems Petroleum and Carbon Dioxide Levels () Petros(1) Responsible for Energy Management (c) Aware of 50 50001 Energy Hielex and Clamps and Ariba () Energy Hielex and Ariba () Energy Hielex and Ariba () Energy Hielex () Energy Lepergy Consumption Aribe ()	10,070 2,379 2,681 7,787 6,989 10,058 12,457 8,615 8,038 9,267 10,474 10,795 4,617 5,542 5,542 5,542 5,542 10,474 10,795 10,474 10,795 10,469 908 1,205 4,82 7,75 10,469 908 1,205 4,82 7,3 6,29 6,17 1,42 1,50 5,09 9,71 2,75 3,15 1,91 7,3 6,0 1,317 7,3 6,0 1,00 4 2,2 8,2 8,2 1,00 4 2,2 8,2 1,00 4 1,00 4 1,00 4 1,00 4 1,00 4 1,00 1,00 4 2,2 8,2 1,00 1,0	2,522 2,525 2,463 2,463 2,463 2,463 2,463 2,463 2,465 2,469 1,139 4,152 4,955 2,438 3,235 4,755 2,438 3,235 4,755 2,438 3,235 4,755 2,438 3,235 4,755 5,598 4,755 5,498 5,598 4,755 5,498 5,598 4,755 5,498 5,598 4,755 5,498 5,598 4,755 5,598 4,755 5,598 4,755 5,598 4,755 5,598 4,755 5,598 4,755 5,598 4,755 5,598 4,755 5,598 4,755 5,598 4,755 5,598 4,755 5,598 4,755 5,598 4,755 5,598 4,755 5,598 4,755 5,598 4,755 5,598 4,755 5,598 5,	
	Aware of 50 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Conduct Addits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Immes of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Phenat Other Equipment to Processes (g) Process Heating Maintenance Program that Includes the Following: France Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Aguitang Process Heating Equipment (j) Exercised Comparing Energy Management (c) Aware of SO 50001 Energy FileEacuy apart of Articals (l) Process Heating Maintenance Program that Includes the Following: France Inspecting, and Aguitang Process Heating Equipment (j) Exercised Comparing Energy Management (c) Aware of SO 50001 Energy FileEacuy apart of furthating Decision Energy Use Baseline for Comparing Energy Use In Future Years E Goals for Improving Energy Consumption Claanitative Goals Submetering Intering Heynod the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Messure Oxgen and Carbon Diode Levels (f) Use File Gas to Phenat Other Equipment (f) Energy Filecovery and Carbon Diode Levels (f) Process Heating Maintenance Program that Includes the Following: France Inspections (h) Energy Tilecovery of All Matos Detect and Control Compressed Air Systems Furthere Inspections (h) Energy Claaning Advisiting Pocess Heating Equipment (j) Energy Tilecovery approvery Energy Counterpole Process Heating Maintenance Program that Includes the Following: France Inspections (h) Energy Claaning Advisiting Pocess Heating Scippole Process Heating Maintenance Program that Incl	10,070 2,379 2,681 7,787 6,589 10,588 12,457 8,615 8,038 9,267 10,474 10,795 4,617 5,542 5,542 5,542 5,542 5,542 5,545 10,479 9,918 7,675 10,469 9,908 1,205 4,627 6,29 6,17 142 1,205 4,62 9,908 1,205 142 1,205 142 1,205 142 1,205 142 1,205 142 1,205 142 1,205 142 1,205 142 1,205 142 1,205 142 1,205 142 1,205 142 1,205 142 1,205 142 1,205 142 1,205 142 1,205	2,522 2,525 2,463 2,463 2,463 2,463 2,463 2,463 2,463 2,465 2,405 4,555 2,438 3,235 4,755 5,998 4,755 2,438 3,235 4,755 2,438 3,235 4,755 5,558 4,755 5,558 4,755 5,558 3,235 3,245 3,	
	Aware of 50 5001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for improving Energy Consumption Conduct Addits to Identify Energy Saming Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Phende The Transfer Equipment (2) Energy Use Baseline for Comparing Energy Use in Future Years Energy Use Baseline for Comparing Process Heating Equipment (3) Energy Use Baseline for Comparing Energy Use in Future Years Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Phende Tother Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspection, Compressed Air Laks (1) Track the Amount of Energy Spent in Compressed Air Systems Petroleum and Cal Products Person(a) Responsible for Energy Management (c) Aware of Go Sto030 Energy Efficancy apart of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Importing Energy Comparing Energy Comparing Products to Reduce Electricity Communption In Times of Critical Grid Conditions Mesure Oxgen and Carbon Dioxide Levels (1) Use Hue Gas to Poducts Person(a) Responsible for Energy Idea In Future Years Set Goals for Importing Energy Cost In Future Years Set Goals for Importing Energy Cost In Future Years Set Goals for Importing Energy Cost In Future Years Set Goals for Importing Energy Cost In Future Years Set Goals To Timporting Energy Use In Future Years Set Goals for Importing Energy Cost In Future Years Set Goals for Importing Energy Cost In Future Years Set Goals To Timporting Energy Cost In Future Years Set Goals To Timporting Energy Cost In Future Years Set Goals To Timporting Energy Cost In Future Years Set Goals To Timporting Energy Cost In Future Years Person(a) Responsible for Energy Management (c) Messure Oxgen and Carbon Dioxid	10,070 2,379 2,681 7,787 6,989 10,558 12,457 8,615 8,615 8,615 8,615 9,267 10,474 10,796 4,617 5,542 5,542 5,545 10,469 908 1,205 4,427 7,018 7,675 10,469 908 1,205 4,422 7,3 6,17 14,27 1,062 908 1,205 4,427 1,062 909 1,205 1,192 5,09 971 2,275 3,155 1,194 3,388 9,669 1,317 7,3 6,60 1,004 4,27 7,3 6,60 1,004 4,27 7,3 6,60 1,004 4,27 7,3 6,60 1,004 4,27 7,3 6,60 1,004 4,27 7,3 6,60 1,004 4,27 7,3 6,60 1,004 4,27 7,3 6,60 1,004 4,27 7,3 6,60 1,004 4,27 7,3 6,60 1,004 4,27 7,3 6,60 1,004 4,27 7,3 6,60 1,004 4,27 7,3 6,60 1,004 4,27 7,3 6,60 1,004 4,27 7,3 6,60 1,004 4,27 7,3 6,60 1,004 4,07 7,3 6,60 1,004 4,07 7,3 6,60 1,004 4,07 7,3 6,60 1,004 4,07 7,3 6,60 1,004 4,07 7,5 8,2 8,2 8,2 8,2 8,2 8,2 8,2 8,2	2 222 Q 8,774 2,463 2,877 1,526 359 2,409 1,139 4,139 4,753 4,753 4,755 4,755 4,755 4,755 4,755 4,755 4,755 4,755 4,755 4,755 4,755 4,755 4,755 5,84 4,79 4,755 5,84 4,79 4,755 5,84 4,79 4,755 5,84 5,996 4,755 5,84 5,996 4,755 5,84 5,996 4,755 5,84 5,996 4,755 5,84 5,996 4,755 5,84 5,996 4,755 5,84 5,996 4,755 5,84 5,996 4,755 5,84 5,996 4,755 5,84 5,996 4,755 5,84 5,996 4,755 5,84 5,996 4,755 5,84 5,996 4,755 5,84 5,996 4,255 5,84 5,996 4,255 5,84 5,996 4,255 5,84 5,996 4,255 5,84 5,996 4,255 5,84 5,996 4,255 5,84 5,996 4,255 5,84 5,996 4,255 5,84 5,996 4,255 5,84 5,996 4,255 5,84 5,997 4,255 5,84 5,997 4,255 5,84 5,997 4,255 5,84 4,255 5,996 4,255 5,996 4,255 5,996 4,255 5,996 4,255 5,996 4,255 5,996 4,255 5,996 4,255 5,996 4,255 5,996 4,255 5,997 4,255 5,996 4,255 5,997 4,255 5,996 4,255 5,996 4,255 5,997 5,996 4,255 5,997	2,777 2,555 3,375 3,375 3,395 3,399 3,499 3,

324121	Track the Amount of Energy Spent in Compressed Air Systems Asphalt Paving Mixture and Block	138	24	12
324121	Aspnart Paving Mixture and Block Person(s) Responsible for Energy Management (c)	549	479	25
	Aware of ISO 50001	818	380	
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	296 23	82 1,094	16
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	380	508 581	39 34
	Quantitative Goals	107	370	80
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	1,064 704	140 188	39
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	617 725	373 228	29 33
	Measure Oxygen and Carbon Dioxide Levels (f)	264 604	595 266	42
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:			41
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	174 209	722 681	38 39
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	94 218	792 757	39 31
	Detect and Control Compressed Air Leaks (I)	606	318	36:
	Track the Amount of Energy Spent in Compressed Air Systems	837	23	42
324122	Asphalt Shingle and Coating Materials			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	73 105	59 49	29
	Implementing ISO 50001	46 6	W 136	2
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	29	98	30
	Set Goals for Improving Energy Consumption Quantitative Goals	56	73 57	34
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	110	51 60	- 30
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	73	56	3
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	115 35	13 91	34
	Use Flue Gas to Preheat Other Equipment or Processes (g)	92	36	34
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	17	117	28
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	19 14	114 116	29
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	30	108	20
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	119	12	32
324199	Other Petroleum and Coal Products			
	Person(s) Responsible for Energy Management (c)	61	w	w
	Aware of ISO 50001	70	15	-
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	15	0 64	-
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	42 44	30 27	11
	Quantitative Goals	W	W	64
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	65 54	21 17	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	50 61	25 W	11 V
	Measure Oxygen and Carbon Dioxide Levels (f)	36	28	22
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	52	16	18
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	12 18	53 49	22
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	7	60	19
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	W 47	65 19	W 21
	Track the Amount of Energy Spent in Compressed Air Systems	57	8	21
325	Chemicals			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	4,757 5,347	2,212 2,660	1,561
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	2,396	245 6,105	1,441
	Energy Use Baseline for Comparing Energy Use in Future Years	2,864	3,704	1,963
	Set Goals for Improving Energy Consumption Quantitative Goals	3,381 498	2,929 2,107	2,219
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	6,241 4,466	1,732	1.970
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	4,859	1,557	2,113
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	6,026 4,225	499 2,100	2,00
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	5,216	1,134	2,181
	Furance Inspections (h)	2,019	4,654	1,857
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	2,055	4,226 4,694	2,249
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	2,341 3,745	4,297 2,916	1,891
	Track the Amount of Energy Spent in Compressed Air Systems	5,612	813	2,10
325110	Petrochemicals			
	Person(s) Responsible for Energy Management (c)	w	23	
	Aware of ISO 50001	24	20 W	
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	0	W	v
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	w w	31 28	v v
	Quantitative Goals	3	22	19
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	16 23	28 16	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	19 29	13 4	12
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	w	28 24	N N
	Process Heating Maintenance Program that Includes the Following:			
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	3 13	41 31	(
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	3 W	41 40	(W
	Detect and Control Compressed Air Leaks (I)	21	20	-
	Track the Amount of Energy Spent in Compressed Air Systems	30	7	
325120	Industrial Gases			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	88 260	218	12
	Implementing ISO 50001	92	25	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	w	304 284	v v
		70	145	212
	Set Goals for Improving Energy Consumption			
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	W 260	W 118	-
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities	Ŵ		228
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	W 260 116	118 83	-

	Process Heating Maintenance Program that Includes the Following:			
	Furance Inspections (h)	74	191	162
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	38 W	228 251	16: V
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	26	296 237	10 14
	Track the Amount of Energy Spent in Compressed Air Systems	106	103	21
325180	Other Basic Inorganic Chemicals			
	Person(s) Responsible for Energy Management (c)	256	134	12
	Aware of ISO 50001 Implementing ISO 50001	316	176 Q	
	Energy Efficiency a part of Purchasing Decision	100	370	4
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	111 195	295	10
	Quantitative Goals	60	126	32
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	328 322	163 87	10
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	261 363	109 38	14
	Measure Oxygen and Carbon Dioxide Levels (f)	216	166	12
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	280	101	13
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	75	322 299	11
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	Q	290	17
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	152	292	6
	Track the Amount of Energy Spent in Compressed Air Systems	339	39	13
325193	Ethyl Alcohol			
	Person(s) Responsible for Energy Management (c)		99	2
	Aware of ISO 50001	106	90	
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	80	8 195	1
	Energy Use Baseline for Comparing Energy Use in Future Years	12 30	164 158	3
	Set Goals for Improving Energy Consumption Quantitative Goals	30	90	2
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	61 87	143 85	4
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	109	84	1
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	168	21 169	2
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	28	154	2
	Furance Inspections (h)	5	178	2
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	W 5	186 185	V 2
	Keep an Inventory of All Motors	12	188	1
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	151	28	3
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals			
	Person(s) Responsible for Energy Management (c)	41	24	
	Aware of ISO 50001	41	27	-
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	25	W 54	
	Energy Use Baseline for Comparing Energy Use in Future Years	35	26	
	Set Goals for Improving Energy Consumption Quantitative Goals	29 4	32 27	3
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	45	23	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	42	22	
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	50 40	12 21	
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	41	17	10
	Further Stream (h)	28	37	
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	20	42	
	Keep an Inventory of All Motors	24	40 20	1
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	57		1
			6	
325199	Other Basic Organic Chemicals		6	
325199				
325199	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	245 309	203 168	
325199	Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 50001	245 309 151	203 168 14	ر د
325199	Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	245 309 151 80 69	203 168 14 383 366	7
325199	Person(i) Responsible for Energy Management (c) Aware of SO 50001 Implementing ISO 50001 Energy Pfilternary part of Purchasing Decision	245 309 151 80	203 168 14 383	7
325199	Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Costamption Quantitative Goals Submetering Impretering beyond the main utility, revenue or supplier meter)	245 309 151 80 69 164 19 267	203 168 14 383 366 281 241 212	71
325199	Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency apart of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals	245 309 151 80 164 19 267 298 328	203 168 14 383 366 281 241	7 5 8 7 25 - 8 8 8 8 8 8 8
325199	Person(s) Responsible for Energy Management (c) Aware of SG 50001 Implementing ISG 50001 Energy Hilterina y part of Purchasing Becision Energy Viles asseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering bayond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	245 309 151 80 164 19 267 298 328 409	203 168 14 383 366 281 241 242 137 102 24	7
325199	Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency apart of Purchasing Decision Energy Vise Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Prohesh Other Equipment or Processes (g)	245 309 151 80 164 19 267 298 328	203 169 14 383 386 281 241 212 137 102	7 5 8 7 25 8 8 8 8 8 8 8 8 8 8 7
325139	Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Vile Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Cosumption Quantitative Goals Submetering (metering heyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Coxygen and Caston Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance inspections (h)	245 309 151 80 164 19 267 298 328 409 145 264 108	203 168 14 383 366 281 241 212 137 102 24 25 165 345	7 5 8 7 25 - 8 8 8 8 8 8 8 7 7 9 9
325139	Person(s) Responsible for Energy Management (c) Aware of SD 50001 Energy USE Baseline for Comparing Decision Energy USE Baseline for Comparing Energy USE in Future Years SE Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Diodide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	245 309 151 69 164 19 267 298 328 409 145 264	203 168 383 366 281 241 212 137 102 24 295 165	77 55 88 77 255 8 8 8 8 8 8 8 8 77 9 9 9 6 6 7
325199	Person(s) Responsible for Energy Management (c) Aware of SD 50001 Energy Use Baseline for Comparing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for improving Energy Consumption Quantitative Goals Dubmetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioded Levels (f) Use Flue Gas to Preheat Other Equipment of Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	245 309 151 69 164 19 267 268 328 409 145 264 108 88 77 61	203 168 383 366 281 212 137 102 24 25 25 165 345 345 357 376 351	7
325199	Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Vise Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Cosumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Massure Organ and Carbon Diodes Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (j) Inspecting, California, and Adjusting Process Heating Equipment (j)	245 309 151 80 164 19 267 298 328 409 145 264 108 88 77	203 168 14 383 366 281 241 212 137 102 24 25 165 165 345 357 376	77
325211	Person(s) Reponsible for Energy Management (c) Aware of SD 50001 Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Tenegy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controt to Reduce Electricity Consumption In Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Phenet Other Equipment of Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calancing, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	245 309 151 80 164 19 267 298 328 409 145 264 108 88 77 61 275	203 168 34 383 366 281 241 212 137 102 24 25 165 345 357 357 356 351 351 351 351	7)
	Person(s) Responsible for Energy Management (c) Aware of SD 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Inergy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f) Use Fluc Gas to Pheate Other Equipment of Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Respan Inventory of All Motors Detect and Control Compressed Air Leaks (l) Track the Amount of Energy Spent in Compressed Air Systems Plastes Materials and Resins	245 309 151 80 164 19 267 298 328 409 145 264 108 88 77 61 275 362	203 168 14 383 366 281 241 212 137 102 24 255 165 345 357 376 351 163 80	77 55 88 77 255 255 255 255 255 25 25 25 25 25 25 2
	Person(s) Responsible for Energy Management (c) Aware of SD 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Inergy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Thehard Cher Equipment of Processes (g) Process: Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calbrain, and Adjusting Process Heating Equipment (j) Exerpt an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Plastics Materials and Resins Person(c) Responsible for Energy Management (c) Aware of MS 20001	245 309 151 80 164 19 267 298 328 409 145 264 108 88 77 61 275 362 415 445	203 168 14 383 366 281 241 212 137 102 24 255 165 345 357 376 351 163 80 382 385	7 5 5 7 7 5 7 7 5 7 7 7 7 6 10 10 8 8 8 8 8 8 8 8 8 8 8 8 8 8 7 7 7 5 5 5 5
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335211	Person(s) Responsible for Energy Management (c) Aware of SD 50001 Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, reservace or supplier meter) Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Matarian Organs and Carlon Dioxide Levels (f) Disor Flue Gaio Is to Identify Energy Swing Opportunities Process Heating Maintenance Program that Includes the Following: Furance Ingentify Consumption In Times of Critical Grid Conditions Matarian Organs and Carlon Dioxide Levels (f) Process Heating Maintenance Program that Includes the Following: Furance Ingenetication (f) Responsible For Energy Management (f) Caesang of Heat Transfer Equipment (f) Responsible for Energy Management (c) Aware of SD 50001 Energy Use Baseline for Opported Management (c) Aware of SD 50001 Energy Clificency a part of Purchasing Beckion Energy Use Baseline for Consumption Guantitative Gais Submetering (Interimg Berodoning) Energy Use Baseline for Consumption Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption ITimes of Critical Grid Conditions Matureant Conflict Tenergy Swing Opportunities Procedures to Reduce Electricity Consumption ITimes of Critical Grid Conditions Matureant Conflict Tenergy Swing Opportunities Procedures to Reduce Electricity Consumption ITimes of Critical Grid Conditions Matureant Compensed Air Leaks (f) Use Flue Gais to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption ITimes of Critical Grid Conditions Matureant Compensed Air Leaks (f) Therare Ingencing Individuation Process Heating Equipment (f) Keep a Inve	245 309 151 80 69 164 19 267 298 298 298 298 209 209 245 264 264 264 275 362 415 462 462 304 124 311 415 57 364 311 415 63 63 63 63 63 63 225 225 225 225 225 225 225 22	203 168 14 383 366 281 281 241 212 205 165 357 376 357 376 351 163 80 382 382 335 Q 60 640 411 315 222 223 225 224 425 226 530 446 524 435	7 5 5 8 8 8 8 8 8 8 8 8 8 7 7 7 7 6 10 10 8 7 7 7 7 10 10 11 11 11 5 55
	Person(s) Responsible for Energy Management (c) Aware of SO 50001 Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering bysond the main utility, resenue or supplier meter) Conduct Audits to Identify Energy Solving Opportunities Proceedings to Identify Energy Solving Opportunities Proceedings on the International Conditions Automation Control to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Control to Reduce Electricity Consumption in Times of Critical Grid Conditions Marine Origin and Carlon Dioxide Levels (f) Due Fue Gas to Primer Differ Equipment of Proceess (g) Process Heating Matteriance Program that Includes the Following: Furance Inspections (h) Cheang of Internat Transfer Equipment (f) Energy Use Basel Transfer Equipment (f) Track the Amount of Energy Solvin Elevel Solving Detect and Control Compressed Air Leaks (f) Track the Maroni of Energy Solving Process Heating Equipment (j) Responsible for Energy Management (c) Aware of SO 50001 Energy Use Baseline for Comparing Energy Use in Hurure Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Interiang Bencian) Energy Use Baseline for Comparing Energy Use in Hurure Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Interiang Bencian) Procees Heating Energy Consumption Quantitative Goals Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (f) Dispeting, Calabrating, and Adjusting Process Heating Equipment (j) Cheang an and Erron Dioxide Levels (f) Quantitative Goals Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (j) Energy Consumption Compressed Air Edes (h) These Transfer Equipment (f) These Inventory of Al Motors Better and Control Compressed Air Edes (h) Track the Amount of Energy Sp	245 309 151 80 69 164 19 267 298 298 298 298 209 209 209 209 209 209 209 209	203 168 14 383 366 281 281 212 102 205 165 365 365 365 365 365 362 382 382 382 385 Q 640 411 315 225 223 225 224 411 315 325 225 224 411 325 225 225 225 225 225 225 225	7 5 8 8 8 8 8 8 8 8 8 8 8 7 7 7 7 6 10 10 8 7 7 7 7 10 10 11 11 15 55
335211	Person(i) Responsible for Energy Management (c) Aware of SD 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Inergy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Swing Opportunition Interest of Critical Grad Conditions Measure Organ and Carbon Dioxide Levels (f) Use Flue Gas to Identify Energy Swing Opportunition Inspecting. California, and Adjusting Process Heating Equipment (f) Inspecting. California, and Adjusting Process Heating Equipment (f) Energy Hiftinson y apt of Purchasing Becision Energy Hiftinson apt of Purchasing Becision Energy Hiftinson apt of Purchasing Decision Energy Hiftinson apt of Purchasing Decision Energy Hiftinson and Carbon Dioxide Levels (f) Use Hie Gas to Preheat Other Equipment (f) Inspecting. California, and Adjusting Process Heating Cardific Mid Conditions Masure Organ and Carbon Dioxide Levels (f) Use Hie Gas to Preheat Other Equipment (f) Inspecting. California, and Adjusting Process Heating Equipment (f) Respen Intervint of Heating Heating Heating Heating Heating H	245 309 151 80 69 164 19 267 298 298 298 298 209 209 245 264 264 264 275 362 415 462 462 304 124 311 415 57 364 311 415 63 63 63 63 63 63 225 225 225 225 225 225 225 22	203 168 14 383 366 281 281 241 212 205 165 357 376 357 376 351 163 80 382 382 335 Q 60 640 411 315 222 223 225 224 425 226 530 446 524 435	77 55 88 89 89 99 99 99 90 100 100 100 100 100 100 10
335211	Person(i) Responsible for Energy Management (c) Aware of SD 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Inergy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Musame Organ and Carbon Dioxide Levels (f) Use Flue Gas to Identify Energy Swing Opportunities Proceedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Thenker Other Equipment of Processes (g) Process: Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (f) Inspecting, Calibraring, and Adjusting Process Heating Equipment (f) Inspecting, Calibraring, and Adjusting Process Heating Equipment (f) Inspecting, Calibraring, and Adjusting Process Heating Equipment (f) Track the Amount of Energy Management (c) Aware of SD 50001 Energy Efficiency apart of Purchasing Decision Energy Clineary Battering Every Out in Future Years Set Goals for Intering Heaving Use in Future Years Set Goals for Intering Heaving Use in Future Years Set Goals for Intering Respond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Headice Electricity Consumption in Times of Critical Grid Conditions Musame Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment (f) Inspecting, Calibrating, and Adjusting Process Heating Equipment (f)	245 309 151 80 69 164 19 267 298 328 409 145 264 108 88 87 77 61 108 88 77 61 108 88 77 61 255 362 415 462 304 423 304 45 564 458 493 631 251 284 228 284 366 660 87 88 49 45 45 45 45 45 45 45 45 45 45	203 168 164 383 366 281 241 212 137 102 24 255 165 345 357 376 351 163 80 382 382 382 335 Q 640 411 315 222 233 285 214 66 216 216 216 216 216 216 216	77 55 88 77 75 25 57 77 75 77 77 66 100 88 88 88 88 88 88 88 88 88
335211	Person(s) Responsible for Energy Management (c) Aware of SD 50001 Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, reservace or supplier meter) Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Maximum Organs and Carbon Dioxide Levels (f) Diar Fue Gains to Identify Energy Faces Heating Equipment (f) Research Derhald Other Equipment of Process Heating Equipment (f) Research Derhald Other Equipment (f) Caenarg Other Tansfer Equipment (f) Caenarg Other Tansfer Equipment (f) Caenarg Other Tansfer Equipment (f) Research Derhald Other Equipment (f) Research Derhald Der	245 309 151 80 69 164 19 267 298 298 298 298 298 205 205 305 205 362 415 462 304 124 462 304 124 311 415 362 363 453 633 633 633 633 633 633 633 6	203 168 14 383 366 281 281 281 212 205 165 357 376 357 376 357 376 351 163 80 382 335 0 60 640 411 315 222 223 225 224 411 325 225 225 225 225 225 225 225	777 55 56 88 88 88 88 88 88 88 88 88 8

	Submetering (metering beyond the main utility, revenue or supplier meter)	53	28	
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	40 51	25 20	20
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	69	W	v
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	36 63	38	1:
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	26	53	
	Cleaning of Heat Transfer Equipment (i)	22	53	10
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	20 26	54	1:
	Detect and Control Compressed Air Leaks (I)	44	33	ł
	Track the Amount of Energy Spent in Compressed Air Systems	65	15	!
220	Artificial and Synthetic Fibers and Filaments			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	40	37	1
	Implementing ISO 50001	31	4	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	9 23	74 46	20
	Set Goals for Improving Energy Consumption	33	37	19
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	7 59	24 29	51
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	48	28 16	14
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	68	5	16
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	43 49	30	1
	Process Heating Maintenance Program that Includes the Following:			
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	22 20	49 53	18
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	14 23	55	20
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	36	37	10
	Track the Amount of Energy Spent in Compressed Air Systems	52	21	10
311	Nitrogenous Fertilizers			
	Person(s) Responsible for Energy Management (c)	65	24	c
	Aware of ISO 50001 Implementing ISO 50001	75 Q	Q 0	
	Energy Efficiency a part of Purchasing Decision	4	89	
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	16	73 70	с с
	Quantitative Goals	7	20	10
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	106	27	10
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	114 76	13 6	0
	Measure Oxygen and Carbon Dioxide Levels (f)	67	Q	
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	105	22	
	Furance Inspections (h)	QQ.	78	
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	11	117	
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	Q. 70	76 Q	
	Track the Amount of Energy Spent in Compressed Air Systems	119	6	
2	Phosphatic Fertilizers			
	Person(s) Responsible for Energy Management (c)	25	7	2!
	Aware of ISO 50001 Implementing ISO 50001	38	10	
	Energy Efficiency a part of Purchasing Decision	W	33	v
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	10	18	30
	Quantitative Goals	W		4
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	39 18	9	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	W	w	21
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	28	0	29
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	23	5	29
	Furance Inspections (h)	5	24	29
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	6	22	29
	Keep an Inventory of All Motors	3	29	2
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	18 27	13 0	20
	Pharmaceuticals and Medicines			
	Person(s) Reconncible for Faerey Management (r)	500	402	201
	Aware of ISO 50001	767	385	
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	339 167	42 739	293
	Energy Use Baseline for Comparing Energy Use in Future Years	477	376	346
	Set Goals for Improving Energy Consumption Quantitative Goals	488 36	387 315	32 84
			272	
	Submetering (metering beyond the main utility, revenue or supplier meter)	885		201
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	568 717	336 167	31
	Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	568	336	31
	Conduct Audits to Identify Farery Saving Opportunities Procedures to Beduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (f) Use Flue Sas to Prehase Other Equipment or Processes (g)	568 717 827	336 167 79	31! 294 31:
	Conduct Audits to Identify Farery Saving Opportunities Procedures to Beduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Beduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	568 717 827 535 767 225	336 167 79 352 124 705	311 294 311 300 269
	Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Prehast Other Equipment or Processes (g) Process Neating Maintenance Program that Includes the Following: Furance Inspections (h) Genaing of Heat Transfer Equipment ()	568 717 827 535 767 225 159	336 167 79 352 124 705 757	311 294 311 300 266 285
	Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Crahon Dioxide Levels (1) Use Flue Gas to Prehast Other Equipment or Processes (a) Process Neating Maintennace Program that Includes the Following: Furance Inspections (h) Genaing of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	568 717 827 535 767 225 159 119 483	336 167 79 352 124 705 757 692 456	311 29- 31: 300 266 28: 38: 26:
	Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Dorgen and Carbon Dioxide Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furnace Inspectitions (b) Cleaning of Heat Transfer Equipment (1) Inspecting, California, and Adjusting Process Heating Equipment (1) Keep an Inventory of All Motors Detect and Control Compresed at Leaks (1)	568 717 827 535 767 225 159 119	336 167 79 352 124 705 757 692	311 294 311 300 266 288 388 266 239
	Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgens and Critical Grid Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Funance inspections (h) Geaming of Heat Transfer Equipment (i) Impetting, Editority, and Adjusting Process Heating Equipment (j) Reep an Inventory of All Motors Detect and Control Compressed Air Leaks (1) Track the Amount of Energy Spent in Compressed Air Systems	568 717 827 535 767 225 159 119 483 606	336 167 79 352 124 705 757 692 456 354	293 311 294 311 300 266 288 388 388 266 233 266
	Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Dorgen and Crahon Dioxide Levels (1) Use Flue Gas to Prehear Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Frunces Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, California, and Adjusting Process Heating Equipment (j) Reep an Inventory of All Motors Detect and Control Compressed Air Leaks (1) Track the Amount of Energy Spent in Compressed Air Systems Pharmaceutical Preparation	568 717 827 555 767 225 159 119 483 606 753	336 167 79 352 124 705 757 692 456 354 183	311 299 311 300 266 288 388 388 266 233 266
2	Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgens and Critical Grid Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Funance inspections (h) Geaming of Heat Transfer Equipment (i) Impetting, Editority, and Adjusting Process Heating Equipment (j) Reep an Inventory of All Motors Detect and Control Compressed Air Leaks (1) Track the Amount of Energy Spent in Compressed Air Systems	568 717 827 535 767 225 159 119 483 606	336 167 79 352 124 705 757 692 456 354	311 294 311 300 266 288 388 266 239
	Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Crahon Dioxide Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintennace Program Hult Includes the Following: Furance Inspections (h) Caening of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems Pharmaceutical Preparation Person(s) Responsible for Energy Management (c) Aware of 105 0001	568 717 827 535 767 225 159 119 483 606 753 241 393 160	336 167 79 352 124 705 757 692 456 354 354 183 183 183 183 183 183 19	311 294 311 300 266 288 388 266 233 266 233 266
2	Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Crahon Dioxide Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintennace Program Hul Includes the Following: Furance Inspections (h) Gening of Heat Transfer Equipment (i) Responsible Transfer Equipment (i) Responsible Transfer Equipment (i) Track the Amount of Energy Span in Compressed Air Leaks (I) Prance Heating Process Heating Process Heating Equipment (j) Responsible for Energy Management (c) Aware of 50 50001 Denergy Hitchery apart of Prochasing Decision Energy Vie Baseling For Company Leaks (I) Energy Vie Baseling For Company Energy Vie In Fourtry Vier Fourt Years	568 717 827 535 767 225 159 119 483 606 753 241 393 160 Q 197	336 167 79 352 124 705 757 692 455 354 183 183 183 183 183 19 376 19 376 19 376 195	311 294 311 300 266 288 388 266 233 266 233 266 233 266 233 266 233 266 233 266 233 266 233 266 233 266 233 266 233 266 233 266 233 246 246 246 246 246 246 246 246 246 246
2	Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Dogen and Crahon Diode Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Healting Animetance Program that includes the Following: Furnance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Healting Equipment (j) Reep an Inventory of All Motors Detect and Control Compressed All relask (t) Track the Amount of Energy Spent in Compressed All Systems Pharmaceutical Preparation Person(s) Responsible for Energy Management (c) Maver of Ids 50001 Implementing ISO 5000 II	568 717 827 535 767 225 159 119 483 606 753 241 393 160 Q	336 167 79 352 124 705 757 682 456 456 456 456 456 183 183 183 183 183 19 19 19 376	311 299 311 300 266 288 288 288 288 288 288 288 288 289 299 29
22	Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Crinon Diode Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Gening of Heat Transfer Equipment (i) Responsible Transfer Equipment (i) Responsible Transfer Equipment (i) Track the Annount of Energy Spent in Compressed Air Systems Pharmaceutical Preparation Person(s) Responsible for Energy Management (c) Aware of Ids Souti Implementing IGS 2001 Implementing IGS 2001 Implementing IGS 2001 Comparing Energy Comparing Energy Use in Future Years Set Gash Tor Improving Energy Comparing Information Comparing Energy Comparing Compar	568 717 827 535 767 225 159 119 483 606 753 241 393 160 0 0 197 232 29 484	336 167 79 352 124 705 757 602 455 455 334 384 183 183 183 183 183 183 183 183 183 183	311 299 311 266 288 388 388 266 266 266 266 266 266 219 199 199 191 9199
12	Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Crahon Diodide Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintennace Program that Includes the Following: Furance Inspections (h) Gening of Heat Transfer Equipment or Processes (g) Process Heating Maintennace Program Keep an Inventory of AlM Motors Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spein in Compressed Air Systems Pharmaceutical Preparation Person(s) Responsible for Energy Management (c) Aware of 50 50001 Energy Ufficiency apart of Purchasing Decision Energy Use Baseline of Comparing Energy Use In Future Years Set Gashs for Improving Energy Consumption Decision De	568 717 827 535 767 225 159 119 483 606 753 241 393 160 Q 197 232 29	336 167 79 352 124 705 757 692 456 354 183 183 183 183 183 19 376 195 195 195 195 112 136	311 299 313 266 288 388 266 298 293 293 293 293 293 293 293 293 293 293
12	Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Masure Oxgen and Crahon Diodid Levrels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintennace Program Hul Includes the Following: Furance Inspections (h) Gening of Heat Transfer Equipment or Processes (g) Process Heating Maintennace Program Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems Paranceutical Preparation Person(s) Responsible for Energy Management (c) Aware of 50 50001 Energy VEIGenergy Consumption Detecting Contenting Decision Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Quantitatve Goals Submetering (metring bergon the main utility, revenue or supplier meter) Conduct Audits to Beduce Electricity Consumption II Times of Critical Grid Conditions Procedures to Reduce Electricity Consumption II Times of Critical Grid Conditions	568 717 827 535 767 225 159 119 483 606 753 241 393 160 0 0 197 232 29 484 273 329 394	336 167 79 352 124 705 757 692 455 354 183 183 183 183 183 183 183 183 183 183	311 29-9- 29-9- 29-9- 28- 28- 28- 26- 29- 29- 29- 29- 29- 20- 20- 20- 20- 20- 20- 20- 20- 20- 20
112	Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Maxeuro Oxgen and Crahon Diodide Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintennace Program Hul Includes the Following: Furance Inspections (h) Gening of Heat Transfer Equipment or Processes (g) Process Heating Maintennace Program Regramment () Responsible Transfer Equipment (I) Responsible Transfer Equipment (I) Responsible for Energy Management () Person(s) Responsible for Energy Management (c) Aware of 50 50001 Dentry Level South Sout	568 717 827 535 767 225 159 119 483 606 675 753 241 393 160 0 0 197 232 29 484 232 29 484 273 329	336 167 79 352 124 705 757 602 456 456 456 334 384 183 183 183 183 183 183 183 183 183 183	311 299 311 300 266 288 388 388 266 233 266
2	Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Mesure Oxgen and Crahon Diode Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Frunce Inspections (h) Gasning of Heat Transfer Equipment (a) Responsibility of All Matrix Preson (s) Responsibility of All Matrix Preson(s) Responsibility of All Matrix Preson(s) Responsibility of All Matrix Preson(s) Responsibility of Energy Speet in Compressed Air Systems Pharmaceutical Preparation Person(s) Responsibility for Energy Management (c) Amarel of So Sotiol Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Impressing Energy Comparing Instrumetory Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Compution in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Comparition in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Compution in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Compution in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Comparition in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Ele	568 717 827 535 767 225 159 119 483 606 753 241 393 160 0 0 197 232 29 484 273 29 484 273 394 394 236 358	336 167 79 352 124 705 692 456 456 456 456 354 183 183 183 183 183 183 183 183 183 183	311 399 299 283 283 285 285 285 285 285 285 293 295 295 205 205 205 205 205 205 205 205 205 20
	Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Mesure Oxgen and Crahon Diode Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintennace Program that Includes the Following: Furance Inspections (h) Gasning of Heat Transfer Equipment (a) Rege an Investory of All Mators Pharmaceutical Preparation Pharmaceutical Preparation Pharmaceutical Preparation Pharmaceutical Preparation Pharmaceutical Preparation Pharmaceutical Preparation Energy Obse Baseline for Compressed Air Systems Pharmaceutical Preparation Pharmaceutical Preparation Pharmaceutical Preparation Comparison of Pharmaceutical Pharmaceutical Complexity Comparison of Pharmaceutical Pharmaceutical Pharmaceutical Preparation Pharmaceutical Preparation Pharmaceutical Preparation Comparison of Pharmaceutical Pharmaceut	568 717 827 535 767 225 159 119 483 606 753 753 241 303 160 43 303 160 497 232 29 484 273 29 484 273 394 236 368 509 42	336 167 79 352 124 705 692 455 455 354 183 183 183 183 183 183 183 183 183 183	311 29-9 30-9 28-9 28- 38- 38- 38- 26- 23- 26- 23- 26- 23- 26- 23- 26- 23- 26- 29- 20- 20- 20- 20- 20- 20- 20- 20- 20- 20
	Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Masure Oxgen and Crahon Diodide Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintennace Program Hut Includes the Following: Furance Inspections (h) Gening of Heat Transfer Equipment (a) Regen al Investrory of All Motors Detect and Control Congressed Air Leaks (I) Track the Amount of Energy Species Heating Equipment (j) Responsible for Energy Management (c) Aware of 50 50001 Detect and Control Congressed Air Leaks (I) Person(s) Responsible for Energy Management (c) Aware of 50 50001 Detecting Constructions Set Gash for Improving Energy Consumption Conduct Audits to Bedve Electricity Consumption in Times of Critical Grid Conditions Submetering (metering Energy Osen Inticompressed Air Leaks (I) Conduct Audits to Bedve Electricity Consumption IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	568 717 827 535 767 225 159 119 483 606 753 241 393 160 Q 197 232 29 484 484 273 329 394 225 160 Q 29 484 232 29 394 329 394 236 368	336 167 79 352 124 705 757 692 455 354 354 183 183 183 183 183 183 183 183 183 183	311 299 300 260 288 388 266 233 266 233 266 233 266 233 266 233 266 233 266 233 266 233 266 233 266 233 266 233 266 233 266 233 266 233 266 233 266 233 266 233 266 233 266 233 266 235 266 266 235 266 267 266 267 266 267 267 267 267 267
	Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Materia Organ and Crahon Diodide Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintennace Program Hut Includes the Following: Furance Inspections (h) Gening of Heat Transfer Equipment (a) Rege an Inventory of All Motors Detect and Control Congressed Air Leaks (1) Track the Amount of Energy Spen in Compressed Kay Systems Paramechical Preparation Person(c) Responsible for Energy Management (c) Aware of 50 50001 Energy HEnergy Consumption Energy Use Reside For Congressed Air Leaks (1) Tompetting (Interly Congressed Air Leaks (1) Energy Use Reside For Congressed Air Conditions Automation Controls Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls Reduce Electricity Consumption In Times of Critical Grid Conditions House Flucts Congressed Air Leaks (1) Energing Offend Transfer Equipment (1) Energing Offend Transfer Equipment (1) Energing Consumption Torocoses (g) Process Heating Maintenanc	568 717 827 535 767 225 159 119 483 606 753 753 241 393 160 Q Q 197 232 29 484 484 29 29 484 484 29 29 29 484 109 29 29 29 329 329 329 329 329 329 329 3	336 167 79 352 124 705 757 692 455 354 183 183 183 183 183 183 183 183 183 183	311 299 289 288 388 266 232 266 232 266 292 266 397 397 397 397 397 397 397 397 397 397
	Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Mesure Oxgen and Crahon Diode Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintennace Program that Includes the Following: Frunce Inspections (h) Gasning of Heat Transfer Equipment (a) Rege an Investory of All Motors Pharmaceutical Preparation Constraints of Pharmaceutic Pharmaceutical Pharmaceutical Pharmaceutical Preparation Pharmaceutical Preparation Pharmaceutical Preparation Constraints of All Motors Pharmaceutical Preparation Pharmaceutical Preparation Pharmaceutical Preparation Pharmaceutical Preparation Pharmaceutical Preparation Pharmaceutical Preparation Constraints of Constraints of Pharmaceutical Pharmaceutica	568 717 827 535 767 225 159 159 483 606 753 241 393 160 0 197 232 29 484 273 394 236 368 109 42 42 308	336 167 79 352 124 705 692 456 456 354 384 183 183 183 183 183 183 183 183 183 183	311 299 289 288 388 266 232 266 202 266 202 266 202 266 202 266 202 266 202 266 202 266 202 266 202 266 202 266 202 266 266

Implementing ISO 50001 19 Energy Use Baseline for Comparing Energy Use In Future Years 58 Set Goals for Improving Energy Consumption 37 Quantitative Goals 37 Quantitative Goals 4 Submetering (metering beyond the main utility, revenue or supplier meter) 87 Conduct Audits to identify Energy Saving Opportunities 88 Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions 68 Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions 68 Measure Oxygen and Carbon Dioxide Levels (f) 74 Use File Gas to Present Other Equipment or Processes (g) 95 Process Heating Muintenance Program that Includes the Following: 49 Cleaning of Heat Transfer Equipment (i) 48 Linespectring, Chinating, and Adjusting Process Heating Equipment (j) 49 Cleaning Heat Transfer Equipment (i) 48 Implementary of All Motors 68	0	
Energy Use Baseline for Comparing Energy Use in Future Years 58 Set Coals for Improving Energy Consumption 37 Quantitative Goals 4 Submetering (meeting beyond the min utility, revenue or supplier meter) 87 Conduct Audits to Identify Energy Saving Opportunities 85 Procodures to Reduce Electricity Consumption in Times of Critical Grid Conditions 68 Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions 89 Measure Oxegen and Grahon Dioxide Levels (1) 74 Use Flue Gas to Preheat Other Equipment or Processes (g) 95 Process Reating Maintenance Program that Includes the Following: 49 Cleaning of Heat Transfer Equipment (1) 48 Inspections (h) 48 Cleaning of Heat Transfer Equipment (1) 42 Keep an Inventory of All Motors 68	109	
Quantitative Goals 4 Submetering (meeting beyond the main utility, revenue or supplier meter) 87 Conduct Audits to Identify Fenry Saving Opportunities 85 Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions 68 Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions 89 Measure Oxgen and Grano Dioxide Levels (1) 74 Use Flue Gast to Preheat Other Equipment or Processes (g) 95 Process Testing Maintenance Program that Includes the Following: 49 Cleaning of Heat Transfer Equipment (1) 48 Inspecting, Calibrating, and Algusting Process Heating Equipment (1) 42 Keep an Inventory of All Motors 68	39 26	24
Conduct Audits to identify Energy Saving Opportunities 85 Procedures to Neduce Electricity Consumption in Times of Critical Grid Conditions 68 Automation Controls Reduce Electricity Consumption in Times of Critical Grid Conditions 89 Measure Oxgen and Carbon Dioxide Levels (f) 74 Use Flue Gas to Preleact Other Equipment or Processe (g) 95 Process Heating Maintenance Program that includes the Following: 49 Cleaning of Heat Transfer Equipment (i) 48 Inspecting, Calibrating, and Aljusting Process Heating Equipment (j) 42 Keep an Inventory of All Motors 68	22	95
Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions 89 Measure Oxogen and Grano Dioxide Levels (1) 74 Use Flue Gas to Preheat Other Equipment or Processes (g) 95 Process Itesting Maintenance Program that Includes the Following: 49 Cleaning Ofhest Transfer Equipment (r) 48 Inspections (h) 48 Inspections, calibrating, and Adjusting Process Heating Equipment (j) 42 Keep an Inventory of Al Motors 68	29 27	
Measure Oxygen and Carbon Dioxide Levels (f) 74 Use Full Gas to Preheat Other Equipment or Processe (g) 95 Process Heating Maintenance Program that Includes the following: 94 Furance Inspections (h) 49 Cleaning of Heat Transfer Equipment (i) 48 Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) 42 Keep an Inventory of Al Motors 68	11 6	42 27
Process Heating Maintenance Program that includes the Following: Furnare Inspections (b) 49 Cleaning of Heat Transfer Equipment (i) 48 Inspecting, Calibrating, and Algusting Process Heating Equipment (j) 42 Keep an Inventory of All Notors 68	14	33
Cleaning of Heat Transfer Equipment (i) 48 Inspecting, Calibrating, and Algusting Process Heating Equipment (j) 42 Keep an Inventory of All Motors 68	7	19
Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) 42 Keep an Inventory of All Motors 68	41 31	31 41
	63 37	16
Detect and Control Compressed Air Leaks (I) 68	29	24
Track the Amount of Energy Spent in Compressed Air Systems 77	14	30
326 Plastics and Rubber Products		
Person(s) Responsible for Energy Management (c) 4,253 Aware of ISO 50001 5,216	2,349 2,479	1,616
Implementing ISO 50001 2,049	430	
Energy Efficiency a part of Purchasing Decision 774 Energy Use Baseline for Comparing Energy Use in Future Years 3,015	6,437	1,006
Set Goals for Improving Energy Consumption 3,425 Quantitative Goals 548	2,793	1,999 6,003
Submetering (metering beyond the main utility, revenue or supplier meter) 6,383	1,240	
Conduct Audits to Identify Energy Saving Opportunities 4,179 Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions 4,344	2,416	1,622 2,179
Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions 5,747	447	2,023
Use Flue Gas to Preheat Other Equipment or Processes (g) 5,871	279	2,325
Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) 2,348	4,419	1,450
Cleaning of Heat Transfer Equipment (i) 2,003	4,210 4,763	2,004
Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) 1,826 Keep an Inventory of All Motors 3,116	3,497	1,628 1,604
Detect and Control Compressed Air Leaks (I) 2,210 Track the Amount of Energy Spent in Compressed Air Systems 5,474	4,007 758	2,000
Person(s) Responsible for Energy Management (c) 7,326 Aware of ISO 50001 7,938	2,908 3,308	1,950
Implementing ISO 50001 2,777	530	
Energy Efficiency a part of Purchasing Decision 1,983 Energy Use Baseline for Comparing Energy Use in Future Years 5,124	8,596 3,672	1,604 3,388
Set Goals for Improving Energy Consumption 5,703 Quantitative Goals 1,124	3,832 1,994	2,649
Submetering (metering beyond the main utility, revenue or supplier meter) 9,891	1,532	
Conduct Audits to Identify Energy Saving Opportunities 7,632 Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions 7,635	1,973 1,893	2,580 2,656
Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions 8,727 Measure Oxygen and Carbon Dioxide Levels (f) 7,824	793	2,665
Use Flue Gas to Preheat Other Equipment or Processes (g) 9,236	690	2,258
Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) 3,815	5,850	2,519
Cleaning of Heat Transfer Equipment (i) 3,829 Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) 2,959	5,590 6,414	2,765
Keep an Inventory of All Motors 6,171	4,138 4,577	1,875
Detect and Control Compressed Air Leaks (I) 5,265 Track the Amount of Energy Spent in Compressed Air Systems 8,963	780	2,542
327120 Clay Building Material and Refractories		
Person(s) Responsible for Energy Management (c) 220	185	41
Aware of ISO 50001 308	120	
Implementing ISO 50001 105 Energy Efficiency a part of Purchasing Decision 24	11 392	29
Energy Use Baseline for Comparing Energy Use in Future Years 138 Set Goals for Improving Energy Consumption 161	220	88
Quantitative Goals 82	127	237
Submetering (metering beyond the main utility, revenue or supplier meter) 254 Conduct Audits to Identify Energy Saving Opportunities 262	181 98	86
Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions 223 Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions 330	150 63	73
Measure Oxygen and Carbon Dioxide Levels (f) 233 Use Flue Gas to Preheat Other Equipment or Processes (g) 281	131 128	82
Process Heating Maintenance Program that Includes the Following:		
Furance Inspections (h) 81 Cleaning of Heat Transfer Equipment (i) 153	327 234	39 59
Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) 43 Keen an Inventory of All Motors 152	340	63
Detect and Control Compressed Air Leaks (I) 261	153	32
Track the Amount of Energy Spent in Compressed Air Systems 379	25	42
327211 Flat Glass	32	w
Person(s) Responsible for Energy Management (c) W	32	
Person(s) Responsible for Energy Management (c) W Aware of ISO 50001 18 Implementing ISO 50001 32	W 41	0 W
Person(s) Responsible for Energy Management (c) W Aware of ISO 50001 18 Implementing ISO 50001 32 Energy Efficiency a part of Purchasing Decision W	34	
Person(s) Responsible for Energy Management (c) W Aware of ISO 50001 18 Implementing ISO 50001 32 Energy Efficiency a part of Purchasing Decision W Energy Use Baseline for Comparing Energy Use in Future Years W Set Gas for Improving Energy Outsemption W		W
Person(s) Responsible for Energy Management (c) W Aware of ISO 50001 18 Implementing ISO 50001 32 Energy Efficiency a part of Punchasing Decision 32 Energy Use Baseline For Comparing Energy Use in Future Years W	29 28	18
Person(s) Responsible for Energy Management (c) W Aware of ISO 50001 18 Implementing ISO 50001 32 Energy Efficiency a part of Punchasing Decision W Energy Use Baseline for Comparing Energy Use in Future Years W Set Goals for Improving Energy Consumption W Quantitative Goals 3 Submetering Interesting beyond the main utility, revenue or supplier meter) 19 Conduct Audits to Identify Energy Saving Opportunities 20	29 28 23	18 7
Person(s) Responsible for Energy Management (c) W Aware of ISO 50001 18 Implementing ISO 50001 32 Energy Efficiency a part of Punchasing Decision 32 Energy Efficiency a part of Punchasing Decision W Energy Efficiency a part of Punchasing Decision W Star Goals for Improving Energy Consumption W Quantitative Goals 3 Submetering (metering beyond the main utility, revenue or suppler meter) 19 Conduct Audits to Identify Energy Saving Opportunities 20 Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions 16 Automation Controls Reduce Electricity Consumption in Times of Critical Grid Conditions 36	29 28 23 27 9	18
Person(s) Responsible for Energy Management (c) W Aware of ISO 50001 18 Implementing ISO 50001 32 Energy Efficiency a part of Purchasing Decision 32 Energy Efficiency a part of Purchasing Decision W Energy Efficiency a part of Purchasing Decision W Start Coaks for Improving Energy Consumption W Quantitative Goals 3 Submetering (metering beyond the main utility, revenue or suppler meter) 19 Conduct Audits to Identify Energy Saving Opportunities 20 Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions 16 Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions 36 Measure Oxgen and Carbon Dioxide Levels (f) 9 Use Fault Carbon Tor Processe (g) W	29 28 23 27	18 7 7 6 9
Person(s) Responsible for Energy Management (c) W Aware of 50 50001 18 Implementing ISO 50001 32 Energy Efficiency a part of Purchasing Decision 92 Energy Efficiency a part of Purchasing Decision W Energy Efficiency a part of Purchasing Decision W Set Goals for Improving Energy Consumption W Quantitative Goals 3 Submetering (metering beyond the main utility, revenue or supplier meter) 19 Conduct Audits to Identify Energy Saving Opportunities 20 Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions 16 Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions 3 Measure Orgen and Grano Disode Level (f) 9 Use Flue Gast to Preheat Other Equipment or Processes (g) W Process Realt Quantimation Response The Induce State Following: W	29 28 23 27 9 32 32 32	18
Person(s) Responsible for Energy Management (c) W Aware of 85 05001 18 Implementing (SO 50001 32 Energy Efficiency a part of Purchasing Decision W Energy Efficiency a part of Purchasing Decision W Energy Efficiency a part of Purchasing Decision W Solontect and Companies Energy Use in Future Years W Solontecting (metring beyond the main utility, revenue or supplier meter) 19 Conduct Audits to Identify Energy Soving Opportunities 16 Procedures to Neduce Exercitiv Consumption in Times of Critical Grid Conditions 16 Automation Controls to Neduce Electricity Consumption in Times of Critical Grid Conditions 39 Use Flue Gast to Preheat Other Equipment or Processes (g) W Process Network Other Chapter Index (ff) 9 Use Flue Gast to Preheat Other Equipment or Processes (g) W Process Network Other Chapter Index (ff) 9 Use Flue Gast or Preheat Other Equipment or Processes (g) W Process Network Other Chapter Engineers or Processe (g) W Orange of Heat Transfer Equipment (i) 7	29 28 23 27 9 32 32 32 41 35	18
Person(s) Responsible for Energy Management (c) W Aware of 85 05001 18 Implementing (SO 50001 32 Energy Efficiency a part of Purchasing Decision W Energy Efficiency a part of Purchasing Decision W Energy Efficiency a part of Purchasing Decision W Solontect and Companies Energy Use in Future Years W Solontecting (metring beyond the main utility, revenue or supplier meter) 19 Conduct Audits to Identify Energy Saving Opportunities 20 Procedures to Neduce Electricity Consumption in Times of Critical Grid Conditions 16 Automation Controls to Neduce Electricity Consumption in Times of Critical Grid Conditions 39 Use Flue Gast to Preheat Other Equipment or Processes (g) W Process Resting Maintenance Program that Includes the Following: Furance Inspections, (h) Cleaning of Heat Transfer Equipment (i) 7 Inspections, Calibrating, and Adjusting Process Heating Equipment (j) 0 Keep a Inventory of Mix Motors W	29 28 23 9 32 32 32 41 35 44 41	18
Person(s) Responsible for Energy Management (c) W Aware of ISO 50001 18 Implementing ISO 50001 32 Energy Efficiency a part of Purchasing Decision 32 Energy Efficiency a part of Purchasing Decision W Energy Efficiency a part of Purchasing Decision W Star Goals for Improving Energy Consumption W Quantitative Goals 3 Submetering (metering beyond the main utility, revenue or suppler meter) 19 Conduct Audits to Identify Energy Saving Opportunities 20 Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions 16 Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions 36 Measure Oxgen and Carbon Diode Levels (f) 9 Use Fauer Store Tober Saving more role consettig) W Process Heating Maintenance Program that includes the Following: W Furnace Inspections (b) W Cleaning of Heat Transfer Equipment (i) 7 Inspecting, Calibrating Process Heating Equipment (j) 0 Keep an Inventory of All Motors 24	29 28 23 27 9 32 32 32 41 35 44	18
Person(s) Responsible for Energy Management (c) W Aware of ISO 50001 18 Implementing ISO 50001 32 Energy Efficiency a part of Purchasing Decision 32 Energy Efficiency a part of Purchasing Decision W Energy Efficiency a part of Purchasing Decision W Set Goals for Improving Energy Consumption W Quantitative Goals 3 Submetering (metering beyond the main utility, revenue or supplier meter) 19 Conduct Audits to Identify Energy Saving Opportunities 20 Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions 16 Automation Controls Decise Electricity Consumption in Times of Critical Grid Conditions 36 Measure Oxgen and Carbon Diodode Levels (f) W Use Fast To Reduce Electricity Consumption in Times of Critical Grid Conditions 36 Measure Oxgen and Carbon Diodode Levels (f) W Process Heating Maintenance Program that Includes the Following: W Furane Inspections (h) W Cleaning of Heat Transfer Equipment (i) 0 Keep an Inventory of All Motors W Detect and Cortrol Compresed Air Lesk (t) 24 Track the Amount of Energy Spent in Compressed Air Systems 26	29 28 23 27 9 32 32 41 35 44 41 26	18
Person(s) Responsible for Energy Management (c) W Aware of ISO 50001 18 Implementing ISO 50001 32 Energy Efficiency a part of Purchasing Decision W Energy Efficiency a part of Purchasing Decision W Energy Efficiency a part of Purchasing Decision W Set Goals for Improving Energy Consumption W Quantitative Goals 3 Submetering (metering beyond the main utility, revenue or supplier meter) 19 Conduct Audits to Identify Fengr Saving Opportunities 20 Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions 16 Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions 36 Measure Oxgen and Carbon Dioxide Levels (f) W Use Fue Gas to Preheat Other Equipment or Processe (g) W Process Iseting Maintenance Program that Includes the Following: Furance Inspections (b) Furance Inspections (b) W Cleaning of Heat Transfer Equipment (i) 0 Keep an Inventory of All Motors 24 Track the Amount of Energy Spent in Compressed Alr Systems 26 3222212 Other Pressed and Blown Giass and Glassware	29 28 23 37 9 32 32 41 35 44 41 41 26 18	18 7 7 9 9 W W 9 9 6 0 0 6
Person(s) Responsible for Energy Management (c) W Aware of 85 05001 18 Implementing ISO 50001 32 Energy Efficiency a part of Purchasing Decision W Energy Efficiency a part of Purchasing Decision W Start Start (Comparing Energy Consumption W Quantitative Goal 3 Submetering (Intertring beyond the main utility, revenue or supplier meter) 19 Conduct Audits to identify Energy Starting Opportunities 20 Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions 16 Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions 36 Measure Origen and Carbon Dioxide Levels (f) 3 Use Flue Gas to Preheat Other Equipment or Normes of Critical Grid Conditions 36 Measure Origen and Carbon Dioxide Levels (f) 3 Use Flue Gas to Preheat Other Equipment or Normes of Critical Grid Conditions 36 Measure Origen and Carbon Dioxide Levels (f) 9 Use Flue Gas to Preheat Other Equipment or Normes of Critical Grid Conditions 36 Measure Origen and Carbon Dioxide Levels (f) 9 Use Flue Gas to Preheat Other Equipment or Normes of Critical Grid Conditions 16 Massare Origen and Carbon Dioxide Levels (f) 7 Inspections, (h) W 24	29 28 23 27 9 32 32 41 35 44 41 26	18 7 7 9 9 W W 9 9 6 0 0 6
Person(s) Responsible for Energy Management (c) W Aware of 85 05001 18 Implementing ISO 5001 32 Energy Efficiency a part of Purchasing Decision W Energy Efficiency a part of Purchasing Decision W Set Goals for improving Energy Consumption W Quantitative Goal 3 Submetering (intertring beyond the main utility, revenue or supplier meter) 19 Concurt Audits to definity Energy Saving Opportunities 20 Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions 16 Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions 36 Measure Origen and Carbon Diode Levels (f) 9 Use Flue Gas to Proheat Other Equipment or Processes (g) W Process Institution Reside Electricity Consumption in Times of Critical Grid Conditions 36 Measure Origen and Carbon Diode Levels (f) 9 Use Flue Gas to Proheat Other Equipment or Processes (g) W Process Institution Reside Equipment (in Induces the Following: Trance Inspections, (h) V Geaming of Heat Transfer Equipment (in Induces the Following: Transe Inspections, (h) Use Flue Gas and Blown Glass and Glassware 24 S27212 Other Pressed and Blown Glass and Glassware 24 Procon() Responsible for Energy	29 28 23 27 9 32 32 32 32 35 44 41 26 18 18 51 40 26 18	18
Person(s) Responsible for Energy Management (c) W Aware of 50 50001 32 Implementing ISO 50001 32 Energy Efficiency a part of Purchasing Decision W Startistative Goal 3 Submetering Intertring beyond the main utility, revenue or suppler meter) 19 Conduct Audits to Identify Energy Swing Opportunities 20 Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions 36 Automation Controls Deduce Electricity Consumption in Times of Critical Grid Conditions 36 Measure Organs and Carbon Dixolate Levels (f) 9 Use Flue Gas to Preheast Eduipment or Processes (g) W Process Healing Maintenance Program that Includes the Following: 7 Furance Inspections (h) W Desamestions (h) 0 Observed Maintenance Program that Includes the Following: 7 Furance Inspections (all Motors W Detect and Corrol Compressed Air Systems 26 27212 Other Pressed and Blown Glass and Glassware 123 Person(s) Responsible for Energy Management (c) 108 Aware of 50 5001 <t< td=""><td>29 28 23 27 9 32 32 32 32 32 41 41 26 18 18 51 4 26 18 20 51 0 W W 120 65</td><td>18 </td></t<>	29 28 23 27 9 32 32 32 32 32 41 41 26 18 18 51 4 26 18 20 51 0 W W 120 65	18
Person(s) Responsible for Energy Management (c) W Aware of ISO 50001 18 Implementing ISO 50001 32 Energy Efficiency a part of Purchasing Decision W Energy Efficiency a part of Purchasing Decision W Energy Efficiency a part of Purchasing Decision W Set Goals for Improving Energy Consumption W Quantifasthe Goals 3 Submetering (metering beyond the main utility, revenue or supplier meter) 19 Conduct Audits to Identify Energy Saving Opportunities 20 Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions 16 Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions 36 Measure Oxygen and Carbon Diode Levels (f) W Use Fast to Reduce Electricity Consumption in Times of Critical Grid Conditions 36 Measure Oxygen and Carbon Diode Levels (f) W Process Heating Maintenance Program that Includes the Following: W Furance Inspections (h) W Cleaning of Heat Transfer Equipment (i) 0 No Better Lask (f) 24 Track the Amount of Energy Spent in Compressed Air Systems 26 327212 Other Presson (al Blown Giass and Glassware Person(i) Responsible for Energy Management (c) 108 Awar	29 28 23 37 9 32 32 32 41 45 44 41 26 18 51 26 51 0 Q W W 120	18
Person(s) Responsible for Energy Management (c) W Aware of ISO 50001 18 Implementing ISO 50001 32 Energy Efficiency a part of Purchasing Decision W Energy Efficiency a part of Purchasing Decision W Energy Efficiency a part of Purchasing Decision W Set Goals for Improving Energy Consumption W Quantitative Goals 3 Submetering (metering beyond the main utility, revenue or supplier meter) 19 Conduct Audits to Identify Energy Saving Opportunities 20 Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions 16 Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions 36 Measure Oxygen and Carbon Diodote Levels (f) W Process Heating Maintenance Program that Includes the Following: W Furance Inspections (h) W Cleaning of Heat Transfer Equipment (i) 0 Ree p an Inventory of All Motors 24 Track the Amount of Energy Spent in Compressed Alr Systems 26 327212 Other Presson (3) Responsible for Energy Management (c) 108 Aware of Sto 50001 123 Implementing ISO 5001 123 Implementing Ko 50001 32 Energy Use Baseline for Comparing Energy Use in Future Years	29 28 23 32 32 32 33 35 41 44 44 26 18 51 0 0 W W 120 65 72 38 35	188 77 77 6 9 9 W W W W 0 6 6 6 6 0 0 0 0 0 0 0 0 0 0 0
Person(s) Responsible for Energy Management (c) W Aware of 85 05001 32 Implementing ISO 5001 32 Energy Efficency a part of Purchasing Decision W Energy Efficency a part of Purchasing Decision W Set Goals for Improving Energy Consumption W Quantitative Goals 3 Submetering (metering beyond the main utility, revenue or suppler meter) 19 Conduct Audits to Identify Fengr Saving Opportunities 20 Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions 36 Matomation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions 36 Matomation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions 36 Measure Oxgen and Carbon Dioxide Levels (f) W Process Realing Maintenance Program that Includes the Following: W Furance Inspections (b) W Cleaning of Heat Transfer Equipment (i) 0 Keep an Inventory of All Motors 24 Track the Amount of Energy Spent in Compressed All Systems 26 327212 Other Presson (all Bown Glass and Glassware Second for Energy Management (c) 108 Aware of 105 0001 123 Implementing ISO 3001 123 Implementing ISO 3001 123 <	29 28 23 27 9 32 32 32 41 44 44 45 26 26 26 26 26 26 26 26 26 26 26 26 26	18 7 7 6 9 9 W W W W 0 6 6 7 7 7 7 0 0 0 0 0 0 1 31 31 31 31 31 31 31 31 31 31 31 31 3
Person(s) Responsible for Energy Management (c) W Aware of 65 0001 38 Implementing ISO 5001 32 Energy Efficiency a part of Purchasing Decision W Energy Efficiency a part of Purchasing Decision W Set Goals for improving Energy Consumption W Quantitative Goal 3 Submetering (instering beyond the main utility, resenue or suppler meter) 19 Conduct Audits to Identify Fengr Saving Opportunities 20 Procedures to Beduce Electricity Consumption in Times of Critical Grid Conditions 16 Automation Controls Neduce Electricity Consumption in Times of Critical Grid Conditions 36 Measure Organ and Carbon Dixode Levels (f) 9 Use Fue Gas to Preload Other Equipment of Processes (g) W Process Heating Maintenions Program that Includes the Following: 7 Furance Inspections (a) Motors 10 Oceaning of Heat Transfer Equipment (i) 7 Inspecting, Calbracting, and Aljusting Process Heating Equipment (j) 24 Detect and Corrol Compressed Air Systems 26 27212 Other Pressed and Blown Glass and Glassware 77 Set Goals for Improving Energy Consumption 123 Implementing ISO 5001 65 Energy Use Baseline for Comparing Energis Use in Future Wars 77	29 28 23 27 9 32 32 32 35 44 41 26 18 35 44 41 26 18 35 51 0, 0, W 120 65 72 38 35 32	18
Person(s) Responsible for Energy Management (c) W Aware of 65 0001 38 Implementing ISO 5001 32 Energy Efficiency a part of Purchasing Decision W Energy Efficiency a part of Purchasing Decision W Set Goals for improving Energy Consumption W Quantitative Goal 3 Submetering (metering beyond the main utility, resenue or suppler meter) 19 Conduct Audits to identify Energy Saving Opportunities 20 Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions 16 Automation Controls Reduce Electricity Consumption in Times of Critical Grid Conditions 36 Measure Obgen and Carbon Dixole Levels (f) 9 Use File Gas to Preheat Other Equipment of Processes (g) W Process Heating Mainteniance Program that Includes the following: 1 Furne Energy Onton (a Carbon Dixole Levels (f) 7 Inspecting, Calibrating, and Alpasting Process Heating Equipment (j) 7 Mage of Internative Equipment (a) 7 Inspecting, Calibrating, and Alpasting Process Heating Equipment (j) 10 Resy of S0001 123 Marter Of S0 5001 123 Implementing ISO 5001 123 Inspecting, Consumption 124 Aware of S0 5001 123 I	29 28 23 27 9 32 32 32 32 35 44 41 26 18 35 44 41 26 18 35 51 0 0 W W 120 65 72 38 35 32 50 0 Q	18 7 7 6 9 9 9 9 8 8 8 8 9 8 8 8 8 9 8 8 8 8 8
Person(s) Responsible for Energy Management (c) W Aware of 65 0001 38 Implementing ISO 5001 32 Energy Efficiency a part of Purchasing Decision W Energy Efficiency a part of Purchasing Decision W Energy Efficiency a part of Purchasing Decision W Set Goals for improving Energy Consumption W Quantitative Goal 3 Submetering Intertring beyond the main utility, revenue or suppler meter) 19 Conduct Audits to Identify Fengr Saving Opportunities 20 Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions 16 Automation Controls Reduce Electricity Consumption in Times of Critical Grid Conditions 36 Measure Organ and Carbon Dioxide Levels (f) 9 Use Gaus Drivented Uber Saptement or Processes (g) W Process Heating Maintenance Program that Includes the Following: W Funces Inspecting, Calbraring, and Alysising Process Heating Equipment (j) 0 Measure Organis and Carbon Dioxide Levels (f) 9 Detect and Corrol Compressed Air Systems 26 Str212 Other Pressed and Blown Glass and Glassware 12 Person(s) Responsible for Energy Management (c) 108 Aware of 50 5001 63 Energy Use Bascille or Comparing Energy Gonsumption 132	29 28 23 27 9 32 32 32 32 35 44 41 26 18 35 44 41 26 18 35 51 0 0 W 20 51 20 50 50 50 50 50 50 50 50 50 50 50 50 50	18
Person(s) Responsible for Energy Management (c) W Aware of 65 50001 32 Implementing ISO 50001 32 Energy Efficency a part of Purchasing Decision W Energy Efficency a part of Purchasing Decision W Set Goals for Improving Energy Consumption W Quantitative Goals 3 Submetering (metering beyond the main utility, revenue or suppler meter) 19 Conduct Audits to Identify Fengr Saving Opportunities 20 Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions 36 Matomation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions 36 Measure Oxgen and Carbon Diodote Levels (f) W Process Isetting Maintenance Program that Includes the Following: W Furance Inspections (b) W Cleaning of Heat Transfer Equipment (i) 0 Keep an Inventory of All Motors 40 Statt Other Pressed and Blown Glass and Glasswere Statt Other Presson(j) Responsible for Energy Management (c) 108 Aware of 160 So001 123 Implementing ISO So011 123 Implementing ISO So01 123 Implementing ISO So01 123 Implementing ISO So01 123 Implementing ISO So01 123 </td <td>29 28 23 27 9 32 32 32 32 32 35 41 41 41 26 26 26 28 28 28 28 28 28 28 28 28 28 28 28 28</td> <td>W W 1818 7 7 7 9 9 W W W 9 9 9 9 9 9 9 9 9 9 9 9 9</td>	29 28 23 27 9 32 32 32 32 32 35 41 41 41 26 26 26 28 28 28 28 28 28 28 28 28 28 28 28 28	W W 1818 7 7 7 9 9 W W W 9 9 9 9 9 9 9 9 9 9 9 9 9

	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	114 137	37 9	Q Q
27213	Glass Containers			
	Person(s) Responsible for Energy Management (c)	w	47	w
	Aware of ISO 50001 Implementing ISO 50001	23 32	34 W	
	Energy Efficiency a part of Purchasing Decision	W	W	W
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	5 9	46 39	8
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	W 11	35 47	W
	Conduct Audits to Identify Energy Saving Opportunities	16	19	24
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	20	23 W	16 W
	Measure Oxygen and Carbon Dioxide Levels (f)	9	42	8
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	13	37	9
	Furance Inspections (h)	W	54	W
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	w	52	w
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	16 17	35 26	8
	Track the Amount of Energy Spent in Compressed Air Systems	22	23	10
7215	Glass Products from Purchased Glass			
	Person(s) Responsible for Energy Management (c)	441	124	118
	Aware of ISO 50001 Implementing ISO 50001	499 158	176	
	Energy Efficiency a part of Purchasing Decision	121	507	55
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	308 340	153 245	222
	Quantitative Goals	58	123	501
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	617 412	61	94
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	409	205	69
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	545	63 46	75
	Use Flue Gas to Preheat Other Equipment or Processes (g)	588	28	67
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	248	352	84
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	243 233	309 358	131 92
	Keep an Inventory of All Motors	367	248	68
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	344 560	259 19	81
		500	17	104
7310	Cements			
	Person(s) Responsible for Energy Management (c)	51	72	a
	Aware of ISO 50001 Implementing ISO 50001	60 59	119 Q	
	Energy Efficiency a part of Purchasing Decision	w	168 89	w
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	Q	109	w Q
	Quantitative Goals	3 81	80 101	106
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	55	58	75
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	45	76 34	Q 73
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	39	85	73 Q
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	49	77	Q
	Furance Inspections (h)	33	93	Q
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	53 W	68 149	Q W
	Keep an Inventory of All Motors	Q	109	Q
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	119 126	60 45	10
7410	Lime			
/410				
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	36 29	27 49	20
	Implementing ISO 50001	40	49 W	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	0 17	71 49	12
	Set Goals for Improving Energy Consumption	20	52	11
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	W 50	49	W
	Conduct Audits to Identify Energy Saving Opportunities	28	10	45
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	22 34	26	35
	Measure Oxygen and Carbon Dioxide Levels (f)	16	37	29
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	32	32	19
	Furance Inspections (h)	w	67	w
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	5 4	53	25
	Keep an Inventory of All Motors	7	62	15
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	30 41	25 15	28
7420	Gypsum			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	61 87	53 33	8
	Implementing ISO 50001	32	W	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	Q	87 82	Q 8
	Set Goals for Improving Energy Consumption	Q	84	8
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	49 35	34 67	39
	Conduct Audits to Identify Energy Saving Opportunities	46	67	9
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	7890	15 W	Q W
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	90 79	22 35	10
	Process Heating Maintenance Program that Includes the Following:			8
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	47 67	47	Q
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	48	65	9
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	Q. 72	86	5
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	101	42	8 9
7993	Mineral Wool			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	92 76	57 105	37
	Implementing ISO 50001	102	w	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	15 68	146 74	25
			110	44
	Set Goals for Improving Energy Consumption	32		
	Set Goals for Improving Energy Consumption Quantitative Goals	Q 142	89	78
	Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	Q 142 126	89 40 30	
	Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	Q 142	89 40	78 30 33 32

	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	136	23	27
	Frucces Inspiration (i) Furance Inspirations (ii) Cleaning of Heat Transfer Equipment (i)	84 58	73	29
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	46	111	29
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	53	135 110	23
	Track the Amount of Energy Spent in Compressed Air Systems	140	16	30
331	Primary Metals			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	1,659	1,016 1,196	463
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	1,063 403	126 2.381	
	Energy Use Baseline for Comparing Energy Use in Future Years	1,125	1,350	663
	Set Goals for Improving Energy Consumption Quantitative Goals	1,526	965 630	647 2,311
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	2,178	758	560
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	1,764	1,003	520
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	2,251 1,719	365 720	522
	Use Flue Gas to Preheat Other Equipment or Processes (g)	2,084	439	615
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	605	1.923	610
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	841 558	1,617 1,975	680 604
	Keep an Inventory of All Motors	1,159	1,462	517
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	1,427 2,181	1,196 369	515
331110	Iron and Steel Mills and Ferroalloys			
	Person(s) Responsible for Energy Management (c)	100	196	49
	Aware of ISO 50001 Implementing ISO 50001	157 139	163	
	Energy Efficiency a part of Purchasing Decision	21	282	42
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	67	202	76
	Quantitative Goals	26	108	211
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	159 146	161 131	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	109	169	67
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	193 140	92 138	61
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	201	87	57
	Furance Inspections (h)	52	245	48
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	88 45	203 246	54 54
	Reep an Inventory of All Motors Detect and Compressed Air Leaks (I)	81 152	211 132	53
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	228	50	68
3312	Steel Products from Purchased Steel			
	Person(s) Responsible for Energy Management (c)	231	140	99
	Aware of ISO 50001	231	140	
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	163 82	12 303	
	Energy Use Baseline for Comparing Energy Use in Future Years	188	169	113
	Set Goals for Improving Energy Consumption Quantitative Goals	201 54	128 62	140
	Submetering (metering beyond the main utility, revenue or supplier meter)	341 263	82 104	102
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	263	104	78
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	355 272	33 74	81
	Use Flue Gas to Preheat Other Equipment or Processes (g)	329	21	124
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	121	190	159
	Cleaning of Heat Transfer Equipment (i)	168	183	119
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	150	188 229	132
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	215 301	154 64	101
3313	Alumina and Aluminum			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	189 223	147	46
	Implementing ISO 50001	117	12	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	38 152	321 181	24
	Set Goals for Improving Energy Consumption	182	136	66
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	16 240	107 131	260
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	204 209	115 123	64 51
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	290	35	58
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	172 214	107 91	104
	Process Heating Maintenance Program that Includes the Following:			
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	66 111	254 209	62
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	59 136	248 187	75
	Detect and Control Compressed Air Leaks (I)	195	131	57
	Track the Amount of Energy Spent in Compressed Air Systems	275	44	64
331314	Secondary Smelting and Alloying of Aluminum			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	46 64	37 31	1
		25	5	
	Implementing ISO 50001			6
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	16 29	74	10
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for improving Energy Consumption	29 42	57 40	14
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	29	57	14 58
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	29 42 W	57 40 W	14 58 15
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	29 42 W 61 49 50 74	57 40 W 32 32 35 W	14 58 15 11 W
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Companing Energy Use In Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Rouce Electricity Consumption in Times of Critical Grid Conditions	29 42 W 61 49 50	57 40 W 32 32 35	14 58
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use Ia future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Conduct Audits to identify Energy Saving Opportunities Conduct Audits to identify Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgreg and Carbon Diadot Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	29 42 W 61 49 50 74 50 50 59	57 40 W 32 32 35 W 25 19	14 58
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Phenel Other Equipment or Processes (g)	29 42 W 61 49 50 74 50	57 40 W 32 32 35 W 25	14 58
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Guantitative Goals Guantitative Goals Guantitative Goals Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Phenel Other Equipment of Processes (g) Process Heating Maintenance Program that Includes the Following: Furance inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	29 42 W 61 50 74 50 59 59 15 22 17	57 40 W 32 32 33 55 W 25 19 66 58 65	14 58 11 11 11 11 12 12 12 12 12 12 12 12 12
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Guantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Phenel Other Equipment of Processes (g) Process Heating Maintenance Program that Includes the Following: Furance inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibraring, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	29 42 W 61 50 74 50 59 15 22 17 39 51	57 40 W 32 33 35 W 25 19 66 58 65 46 25	14 55 15 11 11 11 12 12 15 15 11 11 12 11 12 11 12 20
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Guantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Oxygen and Carbon Dioxide Levels (I) Use Flue Gas to Preheal Cother Equipment of Processes (g) Process Heating Maintenance Program that Includes the Following: Furance inspections (h) Cleaning of Heat Transfer Equipment (I) Inspecting, Calibraring, and Adupting Process Heating Equipment (J) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	29 42 W 61 50 74 50 59 59 15 22 17 39	57 40 W 32 32 35 W 25 25 19 66 58 65 65 46	14 58
331315	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Guantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Phenel Other Equipment of Processes (g) Process Heating Maintenance Program that Includes the Following: Furance inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibraring, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	29 42 W 61 50 74 50 59 15 22 17 39 51	57 40 W 32 33 35 W 25 19 66 58 65 46 25	14 58
331315	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Tenry Use In Huture Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Auths Its Indentify Energy Swing Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Constrols to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oregen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Mantennace Program that Includes the Following: Furance Impactions (h) Eleven Interform Advising Process Heating Equipment (j) Rees an Interfor Al Motors Rees an Interfory of All Motors Teack the Amount of Energy Kent Automation Compressed Air Systems Auminum Sheet, Plate and Folls Preson(s) Responsible for Energy Management (c)	29 42 W 61 49 50 74 59 15 22 17 39 51 74 74	57 40 W 32 32 33 W 25 19 66 58 65 58 65 46 25 10 34	14 58
331315	Energy Efficiency a part of Purchasing Decision Energy Use Backelle for Comparing Energy Use In Huture Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Oragen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Process Heating Equipment (g) Evensy Internation Controls and Adjusting Process Heating Equipment (j) Reea an Invertory of All Motors Reea an Invertory of All Motors Detect and Control Compressed Air Systems Automit Compressed Air Systems Automit So 1000 Pressn(c) Responsible for Energy Management (c) Aware of SO 50001	29 42 W 61 49 50 74 50 59 15 22 17 22 17 39 51 74 74 16 13 27	57 40 W 32 32 35 W 25 19 66 58 65 58 65 46 25 10 34 29 W	14 58
331315	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity, Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity, Consumption in Times of Critical Grid Conditions Messure Oxygen and Carbon Dioxide Levels (I) Use Fluic Gas to Preheal Cother Equipment of Processes (g) Process Heating Maintenance Program that Includes the Following: Furance inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibraria, and Adjusing Process Heating Equipment (j) Energy an Inventory of All Motors Detect and Control Compressed Air Lesks (I) Track the Amount of Energy Spent in Compressed Air Systems Auminum Sheet, Plate and Folls Person(s) Responsible for Energy Management (c) Aware of ISS 0001	29 42 W 61 63 50 74 50 59 15 22 17 39 51 74 74 16 13	57 40 W 32 32 33 35 W 25 19 66 58 65 46 45 25 10 10 34 29	10 144 58 58 55 15 11 11 12 15 17 17 13 13 13 13 11 12 20 21 22 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 9 9 9

	Quantitative Cools	0	20	
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	0 16	20 37	
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	W 19	24	
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	39	8	
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	9 16	23 20	
	Process Heating Maintenance Program that Includes the Following:			
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	W 22	43	
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	6	42	
	Keep an Inventory of All Motors	W 22	34 W	
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	37	w	
31318	Other Aluminum Rolling, Drawing and Extruding			
	Person(s) Responsible for Energy Management (c)	116	57	
	Aware of ISO 50001 Implementing ISO 50001	129 51		
	Energy Efficiency a part of Purchasing Decision	13	168	
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	93	72	
	Quantitative Goals	8	40	1
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	144	41 47	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	127	40	
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	160	12 40	
	Use Flue Gas to Preheat Other Equipment or Processes (g)	123	38	
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	43	117	
	Cleaning of Heat Transfer Equipment (i)	59	103	
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	W 82	112	
	Detect and Control Compressed Air Leaks (I)	101	72	
	Track the Amount of Energy Spent in Compressed Air Systems	140	15	
14	Nonferrous Metals, except Aluminum			
	Deserved in Deserver itely for France Management (a)	204		
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	384 381	155 235	1
	Implementing ISO 50001	215	Q	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	130	462 293	
	Set Goals for Improving Energy Consumption	322	166	1
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	25 483	113 130	
	Conduct Audits to Identify Energy Saving Opportunities	386	112	1
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	347 485	171 41	
	Measure Oxygen and Carbon Dioxide Levels (f)	389	109	
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	458	53	1
	Fraces reading wantenance riggian that includes the ronowing.	140	355	1
	Cleaning of Heat Transfer Equipment (i)	172	309	1
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	118 243	391 294	1
	Detect and Control Compressed Air Leaks (I)	351	186	
	Track the Amount of Energy Spent in Compressed Air Systems	472	62	
31410	Nonferrous Metal (except Aluminum) Smelting and Refining			
	Person(s) Responsible for Energy Management (c)	72	19	
	Aware of ISO 50001	81	20	
	Implementing ISO 50001	18	W 85	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	22	64	
	Set Goals for Improving Energy Consumption	30	23	
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	6 75	21	
	Conduct Audits to Identify Energy Saving Opportunities	34	16	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	69	23	
	Measure Oxygen and Carbon Dioxide Levels (f)	78	16	
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	87	7	
	Furance Inspections (h)	11	80	
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	18	72	
	Keep an Inventory of All Motors	23	71	
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	73 83	18	
15	Foundries			
	Person(s) Responsible for Energy Management (c)	754	377	
	Aware of ISO 50001 Implementing ISO 50001	707 428	490 61	
	Energy Efficiency a part of Purchasing Decision	131	1,012	
	Energy Use Baseline for Comparing Energy Use in Future Years	524	505	
	Set Goals for Improving Energy Consumption Quantitative Goals	695	386 241	
	Submetering (metering beyond the main utility, revenue or supplier meter)	955	254	
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	764	352 419	
		679		
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	927	164	
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	927 746	292	
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	927 746 882	292 187	
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Drogen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furnace Inspections (h)	927 746 882 225	292 187 878	
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioude Levels (f) Use Flive Gas to Proheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furnace Inspectitors (h) Geaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	927 746 882 225 303 186	292 187 878 712 902	
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Diodode Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program That Includes the Following: Furnace Inspections (h) Cleaning of Heat Transfer Equipment (f) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	927 746 882 225 303 186 550	292 187 878 712 902 540	
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioude Levels (f) Use Flive Gas to Proheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furnace Inspectitors (h) Geaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	927 746 882 225 303 186	292 187 878 712 902	
31511	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Diodole Levels (f) Use Elive Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that includes the Following: Furance Inspections (h) Geaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Al relaxis (j) Track the Amount of Energy Spent in Compressed Air Systems	927 746 882 225 303 186 550 514	292 187 878 712 902 540 593	
31511	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Diodole Levels (f) Use Elive Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Functer Inspections, (h) Maintenance Program that Includes the Following: Geaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Al Leaks (l) Track the Amount of Energy Spent in Compressed Air Systems Iron Foundries	927 746 882 225 303 186 550 514 906	292 187 712 902 540 593 149	
31511	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Diodode Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program That Includes the Following: Furnace Inspections (h) Cleaning of Heat Transfer Equipment (f) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (f) Track the Amount of Energy Spent in Compressed Air Systems Iron Foundries Person(s) Responsible for Energy Management (c)	927 746 882 225 303 186 550 514 906	292 187 878 712 902 540 543 149 136	
31511	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Diodole Levels (f) Use Elive Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Functer Inspections, Global Maintenance Program that Includes the Following: function, Globalting, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Alr Leaks (j) Track the Amount of Energy Spent in Compressed Alr Systems Iron Foundries Person(s) Responsible for Energy Management (c) Aware of ISO 2001	927 746 882 225 303 186 550 514 906	292 187 712 902 540 593 149	
31511	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Mesure Oxygen and Carbon Diodole Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Coalning of Heat Transfer Equipment or Process Heating Equipment (l) Inspecting, Calibrating, and Adjusting Process Heating Equipment (l) Exter and Control Compressed Air Leaks (l) Track the Amount of Energy Spent in Compressed Air Systems Ion Foundries Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchaing Decision	927 746 882 225 303 186 550 514 906 106 124 134 9	292 187 878 712 902 540 549 149 149 146 146 146 10 259	
31511	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Diodode Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program That Includes the Following: Furnace Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Reep an Inventory of All Motors Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems Ion Foundries Person(s) Responsible for Energy Management (c) Aware of So S0001 Implementing IS 0001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comprises Energy Use Baseline for Comprise Energy Use Ba	927 746 882 225 303 186 550 514 906 106 124 134	292 187 878 712 902 580 583 189 136 146 10	
31511	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Diodode Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program That Includes the Following: Furnace Inspections (h) Cleaning of Heat Transfer Equipment (f) Linspecting, Culibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (f) Track the Amount of Energy Spent in Compressed Air Systems I con Soundies Person(s) Responsible for Energy Management (c) Aware of So S0001 Implementing IS 0001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use Instruce Years Set Goals for Improving Energy Consumption Quantitative Goals	927 746 882 225 303 186 550 514 906 106 124 134 0 76 148 25	292 187 712 902 540 543 149 136 146 146 10 259 170 105 63	
31511	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Mesure Oxygen and Carbon Dioded Levels (f) Use Flue Gass D Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furnace Inspections (h) Cleaning of Heat Transfer Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Cleaning of Heat Transfer Equipment (g) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Reep an Inventory of All Motors Detect and Control Compressed Air Leaks (l) Track the Amount of Energy Spent in Compressed Air Systems Ion Foundries Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 50001 Energy Use Baseline for Comparing Energy Use in Future Years Set Coals for Improving Energr Cosumption Quantitative Goals Submetering (Inventing beyond the main utility, revenue or supplier meter)	927 746 882 225 303 186 559 514 906 106 124 134 0 76 148 25 177	292 187 878 902 540 549 149 149 146 146 146 146 10 259 170 105 63 98	
31511	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Mesure Oxygen and Carbon Dioded Levels (f) Use Flue Gass D Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furnance Inspections (h) Cleaning of Heat Transfer Equipment or Processes (g) Process Heating Adjusting Process Heating Equipment (l) Inspecting, Calibrating, and Adjusting Process Heating Equipment (l) Rege an Inventron of All Motors Detect and Control Compressed Air Leaks (l) Track the Amount of Energy Spent in Compressed Air Systems Inon Foundries Person(s) An esponsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 50001 Energy Use Baseline for Comparing Energy Use in Future Years Set Coals for Improving Energy Cosumption Quantitative Goals Submetering (Invergis Saving Opportunities Procedures to Reduce Electricity Cosumption Impsor Ortical Grid Conditions	927 746 882 225 550 514 906 124 134 0 4 7 6 148 25 177 120 118	292 187 187 902 540 543 149 146 146 146 146 10 259 170 105 63 98 139 134	
31511	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Diodode Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program That Includes the Following: Furnace Inspections (h) Cleaning of Heat Transfer Equipment (f) Linspecting, Culibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (f) Track the Amount of Energy Spent in Compressed Air Systems I con Goundries Person(s) Responsible for Energy Spent in Compressed Air Systems Lion Foundries Person(s) Responsible for Energy Amagement (c) Aware of SO 50001 Energy Efficiency a part of Purchasing Decision Energy Griticity Consumption Energy Lice Sales for Compression Quantitative Coals Submetring (Interimg Reyond the main utility, revenue or suppler meter) Conduct Audits to Leidently Energy Consumption Procedures to Reduce Electricity Consumption I Times of Critical Grid Conditions	927 746 882 225 303 186 550 514 905 124 124 905 124 124 124 25 76 148 25 177 120 118 185	292 187 712 900 540 543 149 136 146 146 146 146 146 10 259 170 105 63 98 139 134 65	
31511	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Mesure Oxygen and Carbon Dioded Levels (f) Use Flue Gass D Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furnance Inspections (h) Cleaning of Heat Transfer Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furnance Inspections (h) Cleaning of Heat Transfer Equipment (a) Resp an Inventory of All Motors Peters and Control Compressed Air Leaks (f) Track the Amount of Energy Spent in Compressed Air Systems Inon Foundries Person(s) Alexonsite for Energy Management (c) Aware of ISO 5001 Implementing ISO 5001 Energy Use Baseline for Comparing Energy Use in Future Years Set Coals for Improving Tenerg Comparing Line Future Years Set Coals for Improving Tenerg Comparing Line Future Years Set Coals Into Imposing Line Future Years Set Coals Into Imposing Energy Use in Future Years Set Coals Into Implement for Energy Spain Queportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions	927 746 882 225 550 514 906 124 134 0 4 7 6 148 25 177 120 118	292 187 187 902 540 549 149 146 146 146 146 10 259 170 105 63 98 139 134	
331511	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Mesure Oxygen and Crabio Diadole Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program Hat Includes the Following: Furance Inspections (h) Consing of Heat Transfer Equipment (g) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keeg an Invertory of All Motors Reeg an Invertory of All Motors Reeg an Invertory of All Motors Track the Amount of Energy Spent In Compressed Air Systems Into Foundries Person(s) Responsible for Energy Management (c) Aware of S0 50001 Energy Hileerus a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Yeas Set Coals for Improving Intergro Comparing Linety Use In Future Yeas Set Coals for Improving Intergro Comparing Intergy Use In Future Yeas Set Coals for Improving Intergro Comparing Intergy Use In Future Yeas Set Coals for Impressing Harris Social Comparing Energy Use Linety Electricity Consumption Impression Contract Grid Conditions Automation Controls to Reduce Electricity Consumption Immes of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Immes of Critical Grid Conditions Masure Coxygen and Carbon Diado Levels (j) Use Flue Gass to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program Hat Includes the Following:	927 746 882 225 303 186 550 514 906 124 134 0, 75 148 25 177 120 118 188 188 195	292 187 187 902 540 549 149 149 136 146 146 146 146 146 10 259 170 105 63 98 139 134 65 35 35	
131511	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Diodod Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program Hat Includes the Following: Furnace Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems Uson Foundries Person(s) Responsible for Energy Management (c) Aware of So S0001 Implementing IS 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Compression Submetering (Interime Revo Company Comp	927 746 882 225 303 186 550 514 905 106 124 124 905 124 124 124 124 125 177 120 118 185 188 185 185	292 187 712 900 540 540 149 136 146 146 146 146 146 146 146 146 15 35 63 98 139 134 65 35 36	
191511	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Diodod Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program Hat Includes the Following: Furnace Inspections (h) Ceaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Annount of Energy Spent in Compressed Air Systems Lono Foundries Person(s) Responsible for Energy Management (c) Aware of So S0001 Implementing IS 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Compressed Nature Yases Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intering Negron Than Includes the Following: Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas Control Levels (f) Process Heating Maintenance Program that Includes the Following: Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas Oxygen That Trackets Following: Process Heating Maintenance Program that Includes the Following: Process Heating Maintenance Program that Includes the Following: Provence Inspectation, Calibrating Process Heating Equipment (j) Cleaning Of Heat Transfer Equipment (j)	927 746 882 225 303 186 550 514 905 106 124 124 905 124 124 124 124 125 127 120 118 185 185 185 185 185 185 185	292 187 712 902 540 593 149 136 146 10 259 170 105 63 98 139 134 65 35 36 165 165 165 123	
31511	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Mesure Oxygen and Crabio Diadole Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furnance Inspections (h) Consing of Heat Transfer Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furnance of All Motors Reg an Invertory of All Motors Detect and Control Compressed Air Leaks (f) Track the Amount of Energy Spent In Compressed Air Systems Inon Foundries Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Energy Hicency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Coals for Improving Intergr Comparing Energy Use in Future Years Set Coals for Improving Intergr Comparing Energy Use in Future Years Set Coals for Improving Intergr Comparing Energy Use in Future Years Set Coals for Impressing Horizon Traces (g) Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Masure Oxygen and Carbon Diadole Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program That Includes the Following: Furnance Inspections (h) Cleaning of Heat Transfer Equipment to Processes (g) Process Heating Maintenance Program That Includes the Following: Furnance Inspections (h) Cleaning of Heat Transfer Equipment (f) Cleaning Of Heat Transfe	927 746 882 225 303 186 550 514 906 124 134 0, 75 148 25 177 148 25 177 120 118 185 185 188 195	292 187 187 712 902 540 540 543 149 149 146 146 146 146 146 146 10 259 170 105 63 98 139 134 65 35 35 35 15 165	

	Person(s) Responsible for Energy Management (c)	151	86	18
	Aware of ISO 50001	151	89	
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	62 39	Q 192	23
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	94 120	94 76	66 58
	Quantitative Goals	20	53	181
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	206	38 70	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	166 201	52 13	36
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	144	55	56
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	170	48	35
	Furance Inspections (h)	24	202	28
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	46 24	205	46 25
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	135	73 114	46 25
	Track the Amount of Energy Spent in Compressed Air Systems	189	36	29
331524	Aluminum Foundries, except Die-Casting			
	Person(s) Responsible for Energy Management (c)	164	75	28
	Aware of ISO 50001	163	99	
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	93	W 234	24
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	120	88	60 43
	Quantitative Goals	17	43	208
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	216	47 57	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	145 205	81 19	41 44
	Measure Oxygen and Carbon Dioxide Levels (f)	152	74	42
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	185	46	37
	Furance Inspections (h)	24	214	30
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	35 27	197 211	36 30
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	129 104	108 128	31 36
	Track the Amount of Energy Spent in Compressed Air Systems	217	128	30
332	Fabricated Metal Products			
	Person(s) Resonsible for Energy Management (c)	25.859	5.989	4,590
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	25,941	8,903	4,390
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	7,968 8,325	1,067 23,628	4,486
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	22,016 21,629	6,114 5,597	8,309 9,213
	Quantitative Goals	1,405	3,674	31,360
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	33,531 27,226	1,563 3,945	 5,268
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	25,664	4,487	6,287
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	28,512 25,327	1,971 3,333	5,956
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	27,356	899	8,183
	Furance Inspections (h)	14,863	13,496	8,080
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	14,712 14,214	13,725 13,517	8,001 8,709
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	20,091 17.963	8,552	7,796
	Track the Amount of Energy Spent in Compressed Air Systems	27,839	1,823	6,777
333	Machinery			
	Person(s) Responsible for Energy Management (c)	10.796	2.995	1,516
	Aware of ISO 50001	10,045	4,452	
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	4,103	348 10,757	 1,575
	Energy Use Baseline for Comparing Energy Use in Future Years			
		7,960	3,469	3,878
	Set Goals for Improving Energy Consumption Quantitative Goals	8,343 1,112	3,469 3,460 1,907	3,878 3,504 12,289
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	8,343 1,112 14,101	3,469 3,460 1,907 614	3,504 12,289
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	8,343 1,112 14,101 10,024 10,429	3,469 3,460 1,907 614 2,355 1,954	3,504 12,289 2,928 2,924
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Procedures ID Reduce Electricity, Consumption In Times of Ortical Grid Conditions Automation Controls to Reduce Electricity, Consumption In Times of Ortical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (1)	8,343 1,112 14,101 10,024 10,429 11,849 10,576	3,469 3,460 1,907 614 2,355 1,954 862 1,025	3,504 12,289 2,928 2,924 2,596 3,706
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g)	8,343 1,112 14,101 10,024 10,429 11,849	3,469 3,460 1,907 614 2,355 1,954 862	3,504 12,289 2,928 2,924 2,596
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Procedures 108 deuice Electricity consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Prehard Other Equipment or Processes (g) Process Heating Maintenance Program that includes the Following: Furance inspections (h)	8,343 1,112 14,101 10,024 10,429 11,849 10,576 11,782 5,489	3,469 3,460 1,907 614 2,355 1,954 862 1,025 261 6,659	3,504 12,289
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Healing Maintenance Program that includes the Following:	8,343 1,112 14,101 10,024 10,429 11,849 10,576 11,782	3,469 3,460 1,907 614 2,355 1,954 862 1,025 261	3,504 12,289 2,928 2,924 2,596 3,706 3,264
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Ortical Grid Conditions Mutomation Controls to Reduce Electricity Consumption in Times of Ortical Grid Conditions Measure Oxygen and Carbon Dioade Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heading Maintennece Program that includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (j) Inspecting, Calibrating, and Adjusting Process Heading Equipment (j) Reep an Invertory of All Motors	8,343 1,112 14,101 10,024 10,429 11,849 10,576 11,782 5,636 5,636 5,534 8,418	3,469 3,460 1,907 614 2,355 1,954 862 1,025 261 6,659 6,310 6,301 4,020	3,504 12,289
	Quantitative Goals Submetering Interring beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	8,343 1,112 14,101 10,024 10,429 11,849 10,576 11,782 5,489 5,636 5,536	3,469 3,460 1,907 614 2,355 1,954 862 2,61 6,659 6,310 6,301	3,504 12,299
334	Quantitative Goals Submetering increating beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Mationation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Organ and Carbon Dioxide Levels (1) Use Flue Gas to Prehast Other Equipment or Processes (g) Process Heating Maintenance Program that includes the Following: Furance inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adulting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems	8,343 1,112 14,101 10,024 10,429 11,849 10,576 11,782 5,686 5,636 5,334 8,418 7,576	3,469 3,460 1,907 614 2,355 862 862 2,61 6,659 6,310 6,301 4,020 4,381	3,504 12,289 2,928 2,924 3,706 3,264 3,159 3,362 3,673 2,870 3,351
334	Quantitative Goals Submetering increating beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Matomation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Matomation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Matomation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Matomation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Organ and Carbon Dioxide Levels (1) Process Reading Mathemance Program that Includes the Following: France Inspections (h) Clearing of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Computer and Electronic Products	8 343 1,112 14,101 10,024 10,429 11,849 10,576 11,782 5,636 5,636 5,535 5,535 1,334 8,418 7,575 11,317	3,469 3,460 1,907 614 2,335 1,054 663 6,510 6,510 6,510 6,510 6,510 6,510 4,020 4,020 4,020	3,504 12,289 2,928 2,924 2,596 3,706 3,264 3,159 3,362 3,673 3,362 3,673 3,362 3,673 3,362 3,673 3,362 3,673 3,351 2,784
334	Quantitative Goals Submetering increating beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Maternation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Preheat Other Faujament or Processes (g) Process Heating Maintenance Program that includes the Following: Furance Inspections (h) Geaning of Heat Transfer Equipment or Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Computer and Electronic Products Person(s) Responsible for Energy Management (c) Aware of ISO 20001	8 343 1,112 14,101 10,024 10,429 11,849 10,576 11,782 5,636 5,535 5,535 1,317 4,148 4,341	3,469 3,460 1,907 614 2,335 1,054 862 1,025 261 6,510 6,510 6,510 6,510 6,510 6,510 4,020 4,381 1,206	3,504 12,289 2,928 2,924 3,706 3,264 3,159 3,362 3,673 2,870 3,351
334	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Mutomation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Mutomation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Mutomation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment of () Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Reep an invertory of All Motors Detect and Control Compressed Air Leaks (l) Track the Amount of Energy Spent in Compressed Air Systems Computer and IEctronic Products Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 50001	8,343 1,112 14,101 10,024 10,429 11,849 10,575 11,782 5,489 5,635 5,534 8,418 7,575 11,317	3,460 3,460 1,907 6,14 2,355 1,954 8,62 1,025 2,61 6,59 6,310 6,301 6,301 6,301 4,020 4,381 1,206	3,504 12,289 2,928 2,924 2,596 3,706 3,264 3,159 3,362 3,673 3,362 3,673 3,362 3,673 3,362 3,673 3,362 3,673 3,351 2,784
334	Quantitative Goals Submetering (netering beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Ortical Grid Conditions Matemation Controls to Reduce Electricity Consumption in Times of Ortical Grid Conditions Matemation Controls to Reduce Electricity Consumption in Times of Ortical Grid Conditions Matemation Controls to Reduce Electricity Consumption in Times of Ortical Grid Conditions Process Heating Maintenance Program that includes the Following: Furance inspections (h) Cleaning of Heat Transfer Equipment of () Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Reep an inventory of Al Motors Detect and Control Compressed Air Leaks () Track the Amount of Energy Spent in Compressed Air Systems Computer and Electronic Products Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Energy UE Relate For Comparing Energy Use in Future Years	8,343 1,112 14,101 10,024 10,429 11,849 10,575 11,782 5,635 5,635 5,534 8,418 7,575 11,317 4,148 4,341 1,822 1,702 2,988	3,460 3,460 1,907 6,14 2,355 1,954 8,62 2,61 6,59 6,310 6,301 6,301 6,301 4,020 4,381 1,206	3,504 12,289
334	Quantitative Goals Submetering increating beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Maternation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Preheat Other Faujament or Processes (g) Process Heating Maintenance Program that includes the Following: Furance Inspections (h) Geaning of Heat Transfer Equipment or Process Heating Equipment (j) Keep an Inventory of Al Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Computer and Electronic Products Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency apart of Purchasing Decision	8 343 1,112 14,101 10,024 10,429 11,849 10,576 11,782 5,636 5,535 5,535 11,317 4,148 4,341 1,822 1,702	3,469 3,460 1,907 614 2,335 1,055 261 6,530 6,530 6,530 6,530 4,020 4,381 1,206 1,587 2,044 Q 4,307	3,500 12,289 2,924 2,596 3,706 3,264 3,159 3,362 3,673 2,870 3,351 2,784 1,096
334	Quantitative Goals Submetering increating beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Matternation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Matternation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Matternation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (1) Use Flue Gast to Preheat Other Equipment of Process Heating Maintenance Program that Includes the Following: Furance Inspections (1) Inspecting, Calibriting, and Adjusting Process Heating Equipment (1) Keep an inventory of Al Motors Detect and Control Compressed Air Isaks (1) Track the Annount of Energy Spent in Compressed Air Systems Computer and Electronic Products Person(5) Responsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 50001 Energy Clice Apart of Parchasing Decision Energy Clice Apart Orporation Energy Use In Future Years Set Goals for Interering Beyon the main utility, revenue or supplier meter)	8 343 1,112 14,101 10,024 10,429 11,849 10,576 11,782 5,635 5,535 5,535 5,535 11,317 4,148 4,341 1,822 1,702 2,988 3,621 4,21 5,717	3,469 3,460 1,907 614 2,335 1,954 662 261 6,539 6,530 6,530 6,530 4,020 4,000 4,020	5,504 12,289 2,924 2,924 2,595 3,705 3,264 3,362 3,562
334	Quantitative Goals Submetering increating beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Matternation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Matternation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Matternation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Matternation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Matternate Responses and Critical Grid Conditions Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Caliberting, and Adjusting Process Heating Equipment (j) Keep an inventory of Al Motor Detect and Control Compressed Air Leaks (f) Track the Annount of Energy Spent in Compressed Air Systems Computer and Electronic Products Person(s) Responsible for Energy Management (c) Aware of IS 05 0001 Implementing ISO 50001 Energy Clice Baseline for Comparing Energy Use in Future Years Set Goals for Interling Beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Proceedures Deduce Electricity Consumption In Times of Critical Grid Conditions	8 343 1,112 14,101 10,024 10,429 11,849 10,576 11,782 5,636 5,535 5,535 5,535 11,317 4,148 4,341 1,822 1,702 2,988 3,621 4,21 5,717 4,137 4,015	3,469 3,460 1,907 614 2,335 1,954 862 261 6,639 6,630 6,630 6,630 4,020 4,020 4,020 4,020 1,055 2,044 0 4,307 1,885 1,640 1,211 5955 1,785	5,501 12,289 2,924 2,924 2,595 3,705 3,264 3,362 3,562
334	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Maternation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Maternation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Maternation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Process Heating Maintennee Program that includes the Following: Furance inspections (h) Cleaning of Heat Transfer Equipment of () Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Reep an inventory of Al Motors Detect and Control Compressed Air Leaks () Track the Amount of Energy Spent in Compressed Air Systems Computer and Electronic Products Person(s) Responsible for Energy Management (c) Mavare of ISO 50001 Energy UERisen for Oursaning Energy Use In Sture Yeas Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits Io Identify Energy Saving Opportunities Proceed to Identify Energy Saving Opportunitie	8,343 1,112 14,101 10,024 10,429 11,849 10,575 11,782 5,635 5,334 8,418 7,575 11,317 4,148 4,341 1,822 1,702 2,988 3,621 4,21 5,717 4,137	3,460 3,460 1,907 6,14 2,355 1,954 8,62 2,61 6,59 6,310 6,301 6,301 6,301 4,020 4,381 1,206 1,587 2,044 0 4,387 2,044 0 4,307 1,885 1,549 0 4,307 1,885 1,549 1,785	5,501 12,289 2,924 2,924 2,595 3,705 3,264 3,362 3,562
334	Quantitative Goals Submetering (netering beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Proceedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Maternation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Maternation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Process Heating Maintennee Program that includes the Following: Furance inspections (h) Cleaning of Heat Transfer Equipment of Processes (g) Process Heating Antiennee Program that includes the Following: Furance inspections (h) Cleaning of Heat Transfer Equipment () Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Reep an inventory of Al Motors Detect and Control Compressed Air Leaks () Track the Anount of Energy Spent in Compressed Air Systems Computer and Electronic Products Person(s) Responsible for Energy Management (c) Mavare of ISO 50001 Energy UERisen for Optimating Decision Energy UERisen for Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Proceedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Orgen and Carbon Dixoke Levels (f) Use File Constantion in Times of Critical Grid Conditions Measure Orgen and Carbon Dixoke Levels (f) Use File Constantion In Times of Critical Grid Conditions Measure Orgen and Carbon Dixoke Levels (f)	8,343 1,112 14,101 10,024 10,429 11,849 10,576 11,782 5,635 5,534 6,418 7,576 11,317 4,148 4,341 1,822 1,702 2,988 3,621 4,21 5,717 4,137 4,015 4,780	3,460 3,460 1,907 6,14 2,355 1,954 862 1,025 2,61 6,59 6,310 6,301 6,301 4,020 4,381 1,206 1,587 2,044 0 4,387 2,044 0 4,307 1,885 1,569 0 4,307 1,885 1,569 0 1,211 3,959 1,785 1,632 1,775	13,500 12,289 2,924 2,924 2,954 2,956 3,705 3,956 3,956 3,956 3,956 3,956 3,956 3,956 3,956 3,9577 3,9577 3,957 3,9577 3,9577 3,9577 3,957
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334	Quantitative Goals Submetering increating beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Materia Organ and Carbo Dioxide Levels (1) Use Flue Gast to Preheat Other Equipment or Processes (g) Process Heating Maintennee Program that includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment of (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an inventory of All Motors Process Heating Adjusting Process Heating Equipment (j) Track the Amount of Energy Spent in Compressed Air Systems Computer and Electronic Products Person(3) Responsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 50001 Energy Officency apt of Processing Energy Energy apt of Processing Energy Cleaned of Heating Energy Use in Future Years Set Goals for Interting Boyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Process Heating and Comparing Energy Use in Future Years Set Goals for Interting Boyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Proceedivers Bodauce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Prehase Identify the Following:	8 343 1,112 14,101 10,024 10,429 11,849 10,576 11,782 5,685 5,535 5,535 11,317 4,148 4,341 1,822 1,702 2,988 3,621 4,21 5,717 4,138 4,188 4,188 4,188 4,188 4,2	3,469 3,469 1,907 614 2,335 1,055 261 6,659 6,310 6,301 4,020 4,00	3,500 12,289 2,924 2,595 3,266 3,266 3,366 3,366 3,366 3,367 2,870 2,870 2,870 2,870 2,870 2,870 2,870 2,870 2,870 2,870 2,870 2,944 2,955 2,955
334	Quantitative Goals Submetering increating beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Maternation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Maternation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Maternation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Masure Oxgreg and Carbon Dioded Levels (1) Use Flue Gas to Preheat Other Equipment of Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Rese an intervity of All Motors Present and Carbon Diodes Heat (I) Track the Amount of Energy Spent in Compressed Air Systems Computer and Electronic Products Preson() Responsible for Energy Management (c) Aware of Sio S0001 Implementing ISO 50001 Energy Cleany apt of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Interring Bayond the main utility, revenue or supplier meter) Conduct Audits to Identify Saving Opocrunities Proceeding Ender Use Level (Ling Consumption in Times of Critical Grid Conditions Autornation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Autornation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Autornation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Autornation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Autornation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Autornation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Autornation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Autornation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Autornation Control	8 343 1,112 14,101 10,024 10,429 11,849 10,576 11,782 5,489 5,636 5,535 5,334 8,418 7,576 11,317 4,148 4,341 1,822 1,702 2,988 3,621 4,213 5,717 4,137 4,137 4,137 4,137 4,137 4,298 3,621 4,213 5,717 4,137 4,298 3,621 4,213 5,216 4,288 2,258 2,275 2,078 2,883 2,275 2,078 2,883	3,469 3,469 1,907 614 2,355 1,055 261 6,659 6,659 6,310 6,301 6,301 4,005 4,005 4,005 4,005 4,005 4,005 4,005 4,005 4,005 1,265 1,265 1,265 1,265 1,265 1,275 480 75 2,790 2,401 2,259 2,111	5,501 12,289 2,294 2,595 3,705 3,264 3,365 3,365 3,365 3,362 3,375 2,870 2,940
334	Quantitative Goals Submetering (netering beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Proceedires to Reduce Electricity Consumption in Times of Critical Grid Conditions Mature Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Prehast Other Equipment or Processes (g) Process Heating Maintenance Program that includes the Following: Furance inspections (h) Candity Carbon Dioxide Levels (1) Candity Carbon Dioxide Carbon Dioxide Carbon Dioxide Carbon Carbo	8,343 1,112 14,101 10,024 10,429 11,849 10,576 11,782 5,685 5,534 6,418 7,576 11,317 4,148 4,341 1,822 1,702 2,988 3,621 4,213 5,717 4,137 4,015 4,780 4,611 5,334 	3,469 3,460 1,907 6,14 2,355 1,954 8,62 1,025 2,61 6,539 6,310 6,310 6,301 4,020 4,381 1,206 1,587 2,044 4,307 1,587 2,044 4,307 1,587 2,044 4,307 1,587 2,044 4,307 1,585 1,587 2,044 4,307 1,585 1,585 1,595 2,790 2,401 2,595 1,005	1,2,289 1,2,289 2,924 2,954 2,954 2,954 3,955 3,
334	Guantitative Goals Submetering (netering beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Proceedires to Reduce Electricity Consumption in Times of Critical Grid Conditions Mature Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Prehast Other Equipment or Processes (g) Process Heating Maintenance Program that includes the Following: Furance inspections (h) Cleaning of Heat Transfer Equipment or Processes (g) Process Heating South Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Prehast Other Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Reep an inventory of Al Motors Detect and Control Compressed Air Leaks (1) Track the Amount of Energy Spent in Compressed Air Systems Computer and Electronic Products Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Consumption Guantitative Goals Submetering (metering Decynd Leweis (1) Use Flue Gas to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption Turns of Information Times of Critical Grid Conditions Matureance Oxygen and Carbon Dioxide Leveis (1) Use Flue Gas to Identify Energy Saving Opportunities Proceeders to Reduce Electricity Consumption In Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Leveis (1) Use Flue Gas to Pheehat Other Equipment (1) Cleaning of Heat Transfer Equipment (1) Cleaning of Heat Tran	8,343 1,112 14,101 10,024 10,429 11,849 10,576 11,782 5,635 5,533 4,418 6,418 6,418 6,418 7,576 11,317 4,148 4,341 1,822 1,702 2,988 3,621 4,213 5,717 4,137 4,016 4,780 4,611 5,334 2,588 2,725 2,078 2,888 3,617	3,469 3,460 1,907 6,14 2,355 1,954 862 1,025 2,61 6,59 6,310 6,301 4,020 4,381 1,206	13,500 12,289 2,924 2,954 2,954 2,954 3,956 3,956 3,956 3,957 3,95
	Guantitative Goals Submetering (netering beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Proceedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Masure Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Prehast Other Equipment or Processes (g) Process Heating Maintenance Program that includes the Following: Furance inspections (h) Calening of Heat Transfer Equipment or Processes (g) Process Heating South of Energy Management (c) Masure Oxygen and Carbon Dioxide Levels (f) Tark the Amount of Energy Spent in Compressed Air Systems Computer and Electronic Products Person(s) Responsible for Energy Management (c) Marker of ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Consumption Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits Identify Energy Saving Opportunities Process Heating Hoynomic ID Markers Process Heating Hoynomic ID Markers Process Heating Hoynomic ID Markers Process Heating Identify, revenue or supplier meter) Conduct Audits Identify Energy Consumption Tark the Amount to Items Saving Opportunities Proceeding Identify, Texende Identify, revenue or supplier meter) Conduct Audits Identify Energy Saving Opportunities Proceeding Identify Identify Identify, Identify, Texende Identify, Identif	8,343 1,112 14,101 10,024 10,429 11,849 10,576 11,782 5,635 5,533 4,418 7,575 11,317 4,148 4,341 1,822 1,702 2,968 3,621 4,137 4,149 4,341 1,822 1,702 2,968 3,621 4,137 4,016 4,780 4,611 5,334 2,588 2,725 2,078 2,883 3,617 4,833	3 469 3 469 1,907 6 14 2,355 1,954 862 1,025 261 6,59 6,310 6,310 6,301 4,020 4,381 1,206 1,587 2,044 4,381 1,206 1,587 2,044 4,307 1,585 1,587 2,044 4,307 1,585 1,587 2,044 2,044 4,307 1,587 2,044 2,044 2,045 1,025 2,011 1,587 2,044 2,045 1,025 2,011 1,025 2,011 1,025 2,011 1,025 2,011 1,025 2,011 1,025 2,011 1,025 2,011 1,025 2,011 1,025 2,011 1,025 2,011 1,025 2,011 1,025 2,011 1,025 2,011 1,025 2,011 1,025 2,011 1,025 2,011 1,025 2,014 2,044 2,045 1,025 2,014 2,044 2,045 1,025 2,014 2,044 2,046 1,025 2,014 2,046 2,017 1,025 2,014 2,044 2,046 1,025 2,014 2,044 2,046 1,025 2,044 2,046 1,025 2,046 1,025 2,046 1,025 2,046 1,025 2,046 1,025 2,046 1,025 2,046 1,025 2,046 1,025 2,046 1,025 2,046 1,025 2,046 1,025 2,046 1,025 2,046 1,025 2,046 1,025 2,046 1,025 2,046 1,025 2,046 1,025 2,046 1,025 2,046 1,025 2,046 2,047 2,046 2,047 2,046 2,047 2,046 2,047 2,046 2,047 2,046 2,059 2,111 1,038 2,059 2,111 1,038 3,75 2,790 2,055 2,111 1,038 3,75 2,750 2,755 2,7	13,500 12,228 2,924 2,954 3,956 3,956 3,956 3,956 3,956 3,956 3,956 3,957 3,95
	Guantitative Goals Submetering (netering beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Proceedires to Reduce Electricity Consumption in Times of Critical Grid Conditions Mature Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Prehast Other Equipment or Processes (g) Process Heating Maintenance Program that includes the Following: Furance inspections (h) Caening of Heat Transfer Equipment or Processes (g) Process Heating South Carbon Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Prehast Other Equipment or Processes (g) Process Heating Antiensone Program that includes the Following: Furance inspections (h) Caening of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Reep an inventory of Al Motors Detect and Control Compressed Air Leaks (1) Track the Amount of Energy Management (c) Aware of ISO 50001 Implementing ISO 5001 Energy Ufficiency a part of Purchasing Decision Energy Use Baseline For Consumption Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Proceedivers to Reduce Electricity Consumption In Times of Critical Grid Conditions Maturean Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Identify Energy Saving Opportunities Proceedives to Reduce Electricity Consumption In Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Pheehat Other Equipment (1) Reep an aniventory of Al Motors Detect and Control Compressed Air Leaks (1) Track the Amount of Energy Spent In Compressed Air Systems Electricity Consumption In Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Pheehat Other Equipment (1) Reep an Inventory of Al Motors Detect and Control Compressed Air Leaks (1) Track the Amount of Energy Spent In Compressed Air Systems Electricity Consumption In Times of Crit	8,343 1,112 14,101 10,024 10,429 11,849 10,576 11,782 5,635 5,533 4,418 7,575 11,317 4,148 4,341 1,822 1,702 2,968 3,621 4,137 4,148 4,341 1,822 1,702 2,968 3,621 4,137 4,016 4,780 4,611 5,334 2,588 2,725 2,078 2,588 2,725 2,078 2,883 3,617 4,833 4,833 138 169	3,460 3,460 1,907 6,14 2,355 1,954 8,62 1,025 2,61 6,530 6,310 6,310 6,301 4,020 4,381 1,206 1,587 2,044 2,044 4,307 1,587 2,044 2,044 4,307 1,587 2,044 2,044 4,307 1,587 2,044 2,044 2,045 1,205 2,017 2,019	12,289 12,289 2,924 2,954 2,954 2,954 2,954 3,955 3,95
	Quantitative Goals Submetering increating beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Maternation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Masure Oxgreg and Carbon Dioded Levels (1) Use Flue Gas to Prehast Other Equipment or Processes (g) Process Heating Maintennee Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Reep an inventory of Al Motors Detect and Control Congreges Heating Equipment (j) Reep an inventory of Al Motors Detect and Control Congressed Air Leaks (I) Track the Amount of Energy Management (c) Manar of ISO 50001 Energy Efficiency part of Purchasting Decision Quantitative Goals Submetering (Leaker of Purchasting Decision Quantitative Goals Submetering Leaker of Purchasting Decision Congute and Electronic Processes (g) Process Heating Energy Management (c) Manar of ISO 50001 Energy Use Baseline for Comparing Energy Use In future Years Set Goals for Importing Energy Saving Opportunities Procession to Beating Energy Management (c) Conduct Audits to Identify Energy Saving Opportunities Procession Heating Energy Management (c) Conduct Audits to Identify Energy Saving Opportunities Procession Heating Energy Identify Energy Saving Opportunities Procession Heating Energy Identify Energy Saving Opportunities Procession and Carbon Dioosomption in Times of Critical Grid Conditions Materia Implementing Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heating Energy Identify Energy Saving Opportunities Procession and Carbon Dioosomption in Times of Critical Grid Conditions Materia Department Includes the Following: Furance Inspections (h) Cleaning of Heating Energy Identify Energy Saving Opportunities Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heating Energy Management (c) Maxer of Opre	8 343 1112 14,101 10,024 10,429 11,849 10,576 11,782 5,489 5,636 5,334 8,418 7,576 11,317 4,148 4,441 1,822 1,702 2,988 3,621 4,21 5,717 4,137 4,016 4,780 4,611 5,334 2,588 2,725 2,078 2,883 3,617 4,833 4,83	3,469 3,469 1,907 614 2,335 1,954 862 261 6,659 6,300 6,301 6,301 6,301 4,331 1,206 1,587 2,044 0 1,587 2,044 0 1,587 2,044 0 1,587 2,044 1,205 1,587 2,044 0 1,587 2,044 1,205 1,587 2,044 0 7,55 2,750 2	3.500 12.289 2.2924 2.5956 3.366 3.366 3.366 3.367 2.877 2.977 2.8777 2.8777 2.8777 2.8777 2.87777 2.87777 2.877777 2.87777777777
	Quantitative Goals Submetering increasing beyond the main utility, revenue or suppler meter) Conduct Audits to identify Energy Saving Opportunities Proceedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Matemation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Matemation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Matemation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Matemation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Furnace Inspections (h) Cleaning of Heart Transfer Equipment (i) Reep an invertory of Al Motors Reep an invertory of Al Motors Computer and Electronic Processes (a) Process Heating Equipment (i) Track the Amount of Energy Spent in Compressed Air Systems Computer and Electronic Products Preson(s) Responsible for Energy Management (c) Mater of ISO 50001 Energy Efficiency a part of Purchasing Decision Exergy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Materse Orguna Induced Electricity Consumption In Times of Critical Grid Conditions Materse Orguna Induced Electricity Consumption In Times of Critical Grid Conditions Materse Orguna Induced Electricity Consumption In Times of Critical Grid Conditions Materse Orguna Induced Electricity Consumption In Times of Critical Grid Conditions Materse Orguna Induced Electricity Consumption In Times of Critical Grid Conditions Materse Orguna Induced Electricity Consumption In Times of Critical Grid Conditions Materse Orguna Induced Electricity Consumption In Times of Critical Grid Conditions Materse Orguna Induced Electricity Consumption In Times of Critical Grid Conditions Materse Orguna Induced Electricity Consumption In Times of Critical Grid Conditions Materse Orguna Induced Electricity Consumption Internet Of El	8 343 1,112 14,101 10,024 10,429 11,849 10,576 11,782 5,489 5,636 5,334 8,418 7,576 11,317 4,148 4,414 1,822 1,702 2,988 3,621 4,21 5,717 4,137 4,016 4,780 4,611 5,334 2,588 3,617 4,833 118	3,469 3,469 1,907 614 2,335 1,954 862 261 6,659 6,300 6,301 4,000 4,331 1,206 	3 500 12 289 2 2924 2 5956 3 306 3 326 3 356 3 326 3 357 2 870 2 870 3 351 3 352 3 355 3 3555 3 3555 3 3555 3 3555 3 3 3555 3 3555 3555 3555 355
	Quantitative Goals Submetering increasing beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Proceedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Matemation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Masure Oxgreg match Transfer Equipment of Processes (g) Process Heating Maintennee Program that includes the Following: Furance inspections (h) Cleaning of Heat Transfer Equipment (i) Reep an invertory of Al Motors Computer and Echon Diotoces Heating Equipment (j) Reep an invertory of Al Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Management (c) Marear of ISO 50001 Energy Ufficiency a part of Purchasing Decision Exerging Calibrating: Energy Use In future Years Set Goals for Improving Energy Consumption in Times of Critical Grid Conditions Masure Oxgreg and Carbon Diotoces Heating Equipment (j) Reep an invertory of Al Motors Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Management (c) Marear of ISO 50001 Energy Ufficiency a part of Purchasing Decision Exergy Use Baseline for Comparing Energy Use In future Years Set Goals for Improving Energy Consumption Conduct Audits to Identify Energy Song Opportunities Procedures to Heduce Electricity Consumption Immes of Critical Grid Conditions Materiare Orgen and Carbon Diodes Levels (I) Tracks the Aduats to Heating Energy Tue Heating Equipment (J) Reep an Investory of Al Motors Autors to Heduce Electricity Consumption Immes of Critical Grid Conditions Materiare Ingreent Transfer Equipment (I) Respective Set Transfer Equipmen	8 343 1,112 14,101 10,024 10,429 11,849 10,576 11,782 5,489 5,636 5,334 8,418 7,576 11,317 4,148 4,414 1,822 1,702 2,988 3,621 4,21 5,717 4,137 4,016 4,780 4,611 5,334 2,588 2,588 2,588 2,585 2,725 2,078 2,883 3,617 4,833 138 169 142 Q 118 106 Q	3,469 3,469 1,907 614 2,335 462 2,61 6,659 6,659 6,300 4,020 4,331 1,206 7 7 1,557 2,044 4,337 1,206 7 7 1,557 2,044 4,307 1,285 1,420 7,75 2,750 2,750 2,401 2,259 2,111 1,888 7,75 7,75 7,75 7,75 7,75 7,75 7,75	13,500 12,2289 2,254 2,354 2,354 2,356 3,365 3,365 3,365 3,365 3,365 3,367 3,357 3,5777 3,577 3,577 3,577 3,577 3,577 3,577 3,577 3,
	Guantitative Goals Submetering (netering beyond the main utility, revenue or suppler meter) Conduct Audits to identify Energy Saving Opportunities Proceedwares Nederoc Electricity Consumption in Times of Critical Grid Conditions Masure Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that includes the Following: Furance inspections (h) Caening of Heat Transfer Equipment or Processes (g) Process Heating South of Energy Management (c) Mare Discover of Al Motors Detect and Control Energy Management (c) Mare Tork the Amount of Energy Management (c) Mare Tork (c) Submetering (netering beyond the main utility, revenue or suppler meter) Conduct Audits I Transfer Equipment or Nutre South (c) Mare an Inventor Is the Mare South (c) Mare an Inventor Is the Mare South (c) Mare Sout	8,343 1,112 14,101 10,024 10,429 11,849 10,576 11,782 5,636 5,534 4,183 7,575 11,317 4,148 4,143 1,822 1,702 2,988 3,621 4,217 5,717 4,016 4,780 4,611 5,334 2,588 2,725 2,078 2,883 3,617 4,833 4,833 4,833 4,833 4,833 4,835 2,725 2,078 2,888 3,617 4,833 4,833 4,833 4,833 4,833 4,833 4,835 2,725 2,078 2,888 3,617 4,833 4,833 138 169 142 0,0 118 106 0,0 2,23 2,23 2,23 2,25 2	3 446 3 446 1,907 6 14 2,355 1,954 862 1,025 261 6,559 6,310 6,301 4,020 4,381 1,206	13,500 12,2289 2,924 2,954 2,954 2,954 2,954 3,956 3,956 3,9577 3,9577 3,9577 3,9577 3,9577 3,9577 3,9577 3,
	Guantitative Goals Submetering Interving Beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Proceedires to Reduce Electricity Consumption in Times of Critical Grid Conditions Mature Orgen and Carbon Dioade Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Colonid of Diardon	8,343 1,112 14,101 10,024 10,429 11,849 10,576 11,782 5,635 5,635 5,534 4,148 4,319 7,575 11,317 4,148 4,341 1,822 1,702 2,968 3,621 4,137 4,148 4,341 1,822 1,702 2,968 3,621 4,137 4,016 4,780 4,611 5,314 2,588 2,725 2,078 2,888 3,617 4,833 4,833 4,833 4,833 4,833 4,833 4,833 4,833 4,950 4,611 5,344 2,588 2,725 2,078 2,888 3,617 4,833 4,833 4,833 4,833 1,850 1,138 1,69 1,42 0,0 1,18 1,169 1,22 1,18 1,169 1,22 1,25 1,18 1,18 1,19	3 469 3 469 3 460 1,907 6 14 2,355 1,954 862 261 6,59 6,310 6,301 4,020 4,381 1,206	3,504 12,289 2,928 2,928 2,934 2,566 3,706 3,369 3,499 3,169 3
	Quantitative Goals Submetering (netering beyond the main utility, revenue or suppler meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Matemation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Matemation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Furnes Insertion Maintenance Program that Includes the Following: Furnes Insertion Maintenance Program that Includes the Following: Furnes Insertion Maintenance Program that Includes the Following: Furnes Insertion and Adjusting Process Heating Equipment (j) Reep an intervity of Al Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Management (c) May of Iso South Person() Responsible for Energy Management (c) May of Iso South Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption In Times of Critical Grid Conditions Masure Oxygen and Carbon Diodes Levels (j) Conduct Audits to Identify Energy Saving Opportunities Proceedings to Reduce Electricity Consumption In Times of Critical Grid Conditions Masure Oxygen and Carbon Diodes Levels (j) Process Heating Maintenance Program Intel Includes the Following: Furne Inserting (Intel Fungers Saving Opportunities Proceedures to Reduce Electricity Consumption Intel Softial Grid Conditions Masure Oxygen and Carbon Diodes Levels (j) Process Heating Maintenance Program Intel Includes the Following: Furne Insertion (Intel Fungers Intel Includes Levels (j) Process Heating Maintenance Program Intel Includes Inter Following: Furne Insertion (Intel Fungers Intel Includes Levels (j) Process Heating Maintenance Program Intel Includes Inte Following: Furne Insertion (Intel Fungers Intel Includes Levels (j) Process Heating Maintenance Program Intel Includes Levels (j) Process Heating Maintenance Program Intel Includes Levels (j) Process Heating Maintenance Program Intel Includes Levels (j) Proces Heating Mai	8 343 1,112 14,101 10,024 10,429 11,849 10,576 11,782 5,489 5,636 5,334 8,418 7,576 11,317 4,148 4,441 1,822 1,702 2,988 3,621 4,21 5,717 4,137 4,016 4,780 4,611 5,334 2,588 3,622 4,23 5,717 4,137 4,016 4,780 4,611 5,334 2,588 3,627 4,833 138 169 142 0,0 142 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0	3,469 3,469 1,907 614 2,335 465 2,61 6,659 6,659 6,300 4,020 4,331 4,020 4,331 1,206 7 7 2,004 4,331 1,206 7 7 7 3,00 4,337 1,885 1,625 7,75 4,89 7,75 2,750 2,050 2,401 2,575 7,75 7,75 7,75 7,75 7,75 7,75 7,7	3.504 12.289 2.928 2.924 2.596 3.706 3.264 3.159 3.362 3.673 2.870 3.351 2.784 1.096 1.096 1.095 1.938 1.570 5.198 1.2784 1.095 1.938 1.2784 1.095 1.938 1.2784 1.095 1.938 1.2784 1.095 1.938 1.2784 1.095 1.194 1.195
	Quantitative Goals Submetering (netering beyond the main utility, revenue or suppler meter) Conduct Audits to identify Energy Saving Opportunities Proceedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Matemation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Matemation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Matemation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Matemation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Matematics Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Adjusting Process Heating Equipment (j) Keep an invertory of Al Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Computer and Electronic Products Person(s) Responsible for Energy Management (c) Maxer of ISO 50001 Implementing 50 5001 Energy Life Senson Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Matematical (Interfring Decision Energy Use Baseline For Comparing Energy Use In iture Years Set Goals for Improving Energy Consumption in Times of Critical Grid Conditions Matematical (Interfring Decision Energy Use Baseline For Comparing Sing Opportunities Proceedivers to Reduce Electricity Consumption in Times of Critical Grid Conditions Matemation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Matematical (Interfring Management (c) Maxer of Sing Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Doads Levels (f) Use File Gas to Preheat Other Equipment (f) Inspections Dil Dectricity Advising Processes (g) Process Heating Management (c) Exergy Interfring Management (c) Exergy	8 343 1,112 14,101 10,024 10,429 11,849 10,576 11,782 5,489 5,636 5,334 8,418 7,576 11,317 4,148 4,414 1,822 1,702 2,988 3,621 4,21 5,717 4,137 4,016 4,780 4,611 5,334 2,588 2,588 2,588 2,588 3,617 4,833 138 169 142 0,0 118 106 0,0 223 175 158 2,23 155 2,25 2,25 2,078 2,883 3,617 4,833 128 129 129 129 129 129 129 129 129	3,469 3,469 1,907 614 2,335 465 2,61 6,659 6,659 6,659 6,301 4,020 4,331 1,206 7 7 2,004 4,331 1,206 7 7 2,004 4,331 1,206 7 7 7 1,885 1,205 7 7 7 1,885 1,625 7,75 7,75 7,75 7,75 7,75 7,75 7,75 7,	3.504 12,289 2.928 2.924 2.596 3.706 3.264 3.159 3.367 3.351 2.870 3.351
	Quantitative Goals Submetering (netering beyond the main utility, revenue or suppler meter) Conduct Audits to identify Energy Saving Opportunities Proceedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Masure Oxygen and Carbon Dioded Levels (1) Use Flue Gas to Prehat Other Equipment or Processes (g) Process Heating Maintenance Program that includes the Following: Furance inspections (h) Conduct Audits of Levels (1) Use Flue Gas to Prehat Other Equipment or Processes (g) Process Heating Maintenance Programs that includes the Following: Furance inspections (h) Conserved Flue Gas to Prehat Other Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an invertory of Al Motors Detect and Control Compressed Air Leaks (1) Track the Amount of Energy Spent in Compressed Air Systems Computer and Electronic Products Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Improving Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplere meter) Conduct Audits to Identify Energy Sing Opportunities Process Heating Maintenance Program that Includes the Following: Furance Impreving Energy Consumption Quantitative Goals Submetering (metering Decision In Times of Critical Grid Conditions Massing Oxygen and Criton Dioxide Levels (f) Use Fue Gas to Prehard Other Equipment (i) Inspections (h) Ceangy of Heat Transfer Equipment (i) Inspections (h) Detect of Endergy Management (c) Aware of ISO 5001 Improving Energy Consumption Immes of Critical Grid Conditions Massing Oxygen and Criton Dioxide Levels (f) Use Fue an Inventor to Induce Edupment (i) Inspections (h) Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Management (c) Aware of ISO 50001 Energy Ufficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Inture Veas Set Goals for Improvin	8 343 1,112 14,101 10,024 10,429 11,849 10,576 11,782 5,689 5,636 5,334 8,418 7,576 11,317 4,148 4,414 1,822 1,702 2,988 3,621 4,21 4,21 4,21 4,22 1,702 2,988 3,621 4,21 4,21 5,717 4,137 4,137 4,137 4,137 4,137 4,137 4,137 4,137 4,137 4,137 4,137 4,137 4,137 4,2988 3,621 4,21 5,275 2,988 3,621 4,21 5,717 4,137 4,137 4,137 4,137 4,137 4,137 4,137 4,137 4,137 4,137 4,137 4,137 4,137 4,2988 3,621 4,21 4,21 4,21 4,21 4,21 4,21 4,21 4,21 4,21 4,22 4,21 4,21 4,21 4,21 4,21 4,22 4,21 4,21 4,21 4,21 4,21 4,21 4,22 4,21 4,22 1,25 2,078 2,883 3,617 4,833 128 169 175 158 2,23 2,25 2,25 2,25 2,25 2,078 2,288 3,617 4,23 188 106 4,23 128 128 128 129 2,23 2,25 2,25 2,25 2,25 2,078 2,288 3,617 4,23 2,23 1,25 2,25 2,25 2,25 2,25 2,27 2,25 2,078 2,288 3,617 4,23 3,617 4,23 3,617 4,23 3,617 4,23 3,617 4,23 3,617 4,23 3,617 4,23 3,25 2,25 2,25 2,25 2,25 2,25 2,27 2,25 2,27 2,25 2,27 2,25 2,27 2,25 2,27 2,25 2,27 2,25 2,27 2,25 2,27 2,25 2,27 2,25 2,27 2,25 3,27 3,27 3,27 3,27 3,27 3,25 3,27 3,27 3,25 3,25 3,25 3,25 3,25 3,	3,469 3,469 1,907 614 2,335 1,954 862 261 6,659 6,300 4,000 4,331 1,206 1,587 2,004 4,331 1,206 1,587 2,004 4,331 1,206 1,587 2,004 4,331 1,206 1,587 2,004 4,335 1,652 775 4,80 4,85 1,652 775 4,80 4,85 2,750 2,001 2,959 2,011 2,959 2,010 2,059 2,011 2,959 2,001 2,959 2,001 2,959 2,001 2,959 2,001 2,959 2,001 2,959 2,001 2,959 2,001 2,959 2,001 2,959 2,001 2,959 2,001 2,959 2,001 2,959 2,001 2,959 2,001 2,959 2,001 2,959 2,001 2,959 2,111 1,888 5,75 	3.504 12.289 2.928 2.924 2.596 3.706 3.264 3.159 3.362 3.673 2.870 3.351 2.784 1.096 1.005 1.784 1.005
	Guantitative Goals Submetering Interving Beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Proceedires to Reduce Electricity Consumption in Times of Critical Grid Conditions Masure Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Prehast Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Computer and Eraton Dioxide Levels (1) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Reep an Inventory of Al Motors Detect and Control Compressed Air Leaks (1) Track the Amount of Energy Management (c) Aware of ISO 50001 Energy Efficiency apart of Purchasing Decision Energy Use Baseline for Comarging Energy Use In Future Years Set Goals for Improving Energy Consumption Times of Critical Grid Conditions Masure Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Perhat Other Guagement (c) Aware of ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comarging Energy Use In Future Years Set Goals for Improving Energy Consumption Times of Critical Grid Conditions Masure Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Identify Energy Signi Opportunities Proceedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Masure Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Identify Energy Set In Compressed Air Systems Energy Use Baseline for Comarging Times of Critical Grid Conditions Masure Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Identify Energy Set In Clumperset (1) Reep an Inventory of Al Motors Energy Use Baseline for Comparing Equipment (1) Reep an Inventory of Al Motors Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption In Times of Critical Grid Conditions Masure Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Preheat Other Equipment (1) Reep a Inventory of Al Motors Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving	8,343 1,112 14,101 10,024 10,429 11,849 10,576 11,782 5,635 5,635 5,635 5,534 4,148 4,149 7,575 11,317 4,148 4,341 1,842 1,702 2,988 3,621 4,137 4,015 4,717 5,717 4,015 4,789 2,588 2,725 2,078 2,588 2,725 2,078 2,588 3,617 4,833 4,833 4,833 4,833 4,833 4,833 4,833 4,937 4,015 4,710 4,137 4,015 4,710 4,137 4,015 4,710 4,137 4,015 4,710 4,137 4,015 4,710 4,534 2,588 2,725 2,078 2,588 3,617 4,833 4,833 118 169 142 0,0 2,23 158 2,23 2,25 302	3 469 3 469 3 460 1,007 614 2,355 1,054 862 261 6,559 6,310 6,301 4,020 4,381 1,206	3,504 12,289 2,928 2,928 2,928 2,928 2,928 3,369 3,369 3,351 2,870 1,096 822 1,959 1,570 5,198 822 1,959 1,570 5,198 1,295 1,570 5,198 822 1,2764 1,2764 1,2764 1,2764 1,2784 1

	Keep an Inventory of All Motors	225	96	67
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	226	91	70
335	Electrical Equip., Appliances, Components			
	Person(s) Responsible for Energy Management (c)	1,983	723	591
	Aware of ISO 50001 Implementing ISO 50001	2,146 884	951 W	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	641	2,283 781	374
	Set Goals for Improving Energy Consumption Quantitative Goals	2,042 Q	614 336	642 2,783
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	2,925	165	420
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	2,401	381	516
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	2,555 2,099	218 311	525
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	2,500	145	654
	Furance Inspections (h)	1,214	1,175	909
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	1,067	1,258 1,093	973 1,084
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	2,006 1,442	431 810	861
	Track the Amount of Energy Spent in Compressed Air Systems	2,359	259	680
336	Transportation Equipment			
	Person(s) Responsible for Energy Management (c)	3,514	1,999	1,090
	Aware of ISO 50001 Implementing ISO 50001	3,685	2,375	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	1,153 2,741	4,519 2,186	931
	Set Goals for Improving Energy Consumption	3,112	2,031	1,461
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	Q 5,452	1,682 714	4,757
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	3,151 3,595	1,875	1,577
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	4,482	409	1,713
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	4,145	504 231	1,954
	Process Heating Maintenance Program that Includes the Following:			
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	1,842	3,048 2,854	1,713
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	1,898 3,115	2,957 1,883	1,747
	Detect and Control Compressed Air Leaks (I)	3,355	1,561	1,687
	Track the Amount of Energy Spent in Compressed Air Systems	4,446	608	1,549
336111	Automobiles			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	w	33 41	W
	Implementing ISO 50001	32	9	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	w	W	N W
	Set Goals for Improving Energy Consumption	W	35	W
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	W9	34 34	W
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	W 27	33	W 4
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	38	w	w
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	16	22	6
	Process Heating Maintenance Program that Includes the Following:	8	32	4
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	7	32 31	7
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	W	35 34	W
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	W 9	31 31	W 4
336112	Light Trucks and Utility Vehicles			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	3 17	34	0
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	13 W	W 34	w
	Energy Use Baseline for Comparing Energy Use in Future Years	W	28	w
	Set Goals for Improving Energy Consumption Quantitative Goals	5 W	32	C
	Submetering (metering beyond the main utility, revenue or supplier meter)	13 W	24	
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	17 W	28 14	W
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	27 W	4 26	6 W
	Use Flue Gas to Preheat Other Equipment or Processes (g)	Ŵ	18	Ŵ
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	w	26	w
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	w	27	W
	Keep an Inventory of All Motors	10	18	9
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	<u>11</u> 6	22 22	5
3364	Aerospace Product and Parts			
			448	
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	448 515	448 413	167
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	392 182	12 679	202
	Energy Use Baseline for Comparing Energy Use in Future Years	357	451	255
	Set Goals for Improving Energy Consumption Quantitative Goals	401 47	398 314	265
	Submetering (metering beyond the main utility, revenue or supplier meter)	763	172	-
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	460 599	360 187	244
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	743 643	78	242
	Use Flue Gas to Preheat Other Equipment or Processes (g)	752	37	274
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	335	508	220
		366	403	294
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (i)	304		
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	304 550	486 236	277
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)			277
336411	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (l)	550 558	236 253	277
336411	Inspecting, Calibrating, and Adjusting Process Heating Equipment (J) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (J) Track the Amount of Energy Spent in Compressed Air Systems Aircraft	550 558 696	236 253 97	277 252 269
336411	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Invertory of All Motors Detect and Control Compressed Air Leaks (j) Track the Amount of Energy Spent in Compressed Air Systems Aircraft Person(s) Responsible for Energy Management (c) Aware of 15 05 0001	550 558 696 83 117	236 253 97 141 134	277 252 269
336411	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Invertory of All Motos Detect and Control Compressed Air Leaks (j) Track the Amount of Energy Spent in Compressed Air Systems Aircraft Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 50001	550 558 696 83	236 253 97 141	271 252 266
336411	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Invertory of All Motors Detect and Control Compressed Air Leaks (j) Track the Amount of Energy Spent in Compressed Air Systems Aircraft Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 50001 Energy Ufficiency a part of Furchasing Decision Energy Ufficiency a part of Furchasing Decision Energy Ufficiency a Decision	550 558 696 117 134 10 118	226 253 97 141 134 0 212 98	277 252 269
336411	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Invertory of All Motors Detect and Control Compressed Air Leaks (j) Track the Amount of Energy Spent in Compressed Air Systems Aircraft Person(s) Responsible for Energy Management (c) Aware of SO 50001 Implementing ISO 50001 Energy Utilicancy a part of Purchasing Decision Energy Utilicancy a part of Purchasing Decision Energy Utilicance Ballen for Companies Tenergy Use Ballen for Co	550 558 696 117 113 10 118 Q 0	236 253 97 141 134 0 212 98 109 108	277 252 269
336411	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Aircaft Person(s) Responsible for Energy Management (c) Aware of SO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Bateline for Comparing Energy Use in Future Years Set Goals for Improving Energy Cosimption Quantitative Goals Submetering (interieng Beyond the main utility, revenue or supplier meter)	550 559 696 83 117 134 10 118 0 Q	236 253 97 141 134 0 212 98 109	277 252 269
336411	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Invertory of All Motors Detect and Control Compressed Air Leaks (j) Track the Amount of Energy Spent in Compressed Air Systems Aircraft Person(s) Responsible for Energy Management (c) Aware of SO 50001 Implementing ISO 50001 Energy Utilicancy a part of Purchasing Decision Energy Utilicancy a part of Purchasing Decision Energy Utilicance Ballen for Companies Tenergy Use Ballen for Co	550 559 696 83 117 134 10 118 Q 0 161	236 253 97 141 134 0 212 98 109 108 91	277 252 269

	Measure Oxygen and Carbon Dioxide Levels (f)	141	Q	87
	Use Flue Gas to Preheat Other Equipment or Processes (g)	221	W	v
	Process Heating Maintenance Program that Includes the Following:			
	Furance Inspections (h)	110	115	
	Cleaning of Heat Transfer Equipment (i)	56	93	14
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	83	102	10
	Keep an Inventory of All Motors	151	30	11
	Detect and Control Compressed Air Leaks (I)	147	30	110
	Track the Amount of Energy Spent in Compressed Air Systems	168	10	115
337	Furniture and Related Products			
	Person(s) Responsible for Energy Management (c)	5,944	1,009	960
	Aware of ISO 50001	6,092	1,463	
	Implementing ISO 50001	1,328	Q	
	Energy Efficiency a part of Purchasing Decision	1,804	5,129	98
	Energy Use Baseline for Comparing Energy Use in Future Years	4,512	1,403	1,99
	Set Goals for Improving Energy Consumption	4,528	1,598	1,78
	Quantitative Goals	494	506	6,91
	Submetering (metering beyond the main utility, revenue or supplier meter)	7,347	222	-
	Conduct Audits to Identify Energy Saving Opportunities	5,802	1,112	998
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	5,681	819	1,414
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	5,874	635	1,404
	Measure Oxygen and Carbon Dioxide Levels (f)	5,599	312	2,00
	Use Flue Gas to Preheat Other Equipment or Processes (g)	6,056	Q	1,72
	Process Heating Maintenance Program that Includes the Following:			
	Furance Inspections (h)	2,901	2,978	2,034
	Cleaning of Heat Transfer Equipment (i)	2,626	2,559	2,729
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	2,966	2,117	2,830
	Keep an Inventory of All Motors	3,399	2,264	2,250
	Detect and Control Compressed Air Leaks (I)	3,673	2,522	1,718
	Track the Amount of Energy Spent in Compressed Air Systems	6,289	311	1,313
339	Miscellaneous			
	Person(s) Responsible for Energy Management (c)	9,101	1,338	2,562
	Aware of ISO 50001	9,515	2,491	
	Implementing ISO 50001	2,382	Q	
	Energy Efficiency a part of Purchasing Decision	4,537	6,168	2,29
	Energy Use Baseline for Comparing Energy Use in Future Years	7,528	2,389	3,084
	Set Goals for Improving Energy Consumption	7,894	2,151	2,956
	Quantitative Goals	762	969	11,269
	Submetering (metering beyond the main utility, revenue or supplier meter)	11,305	807	-
	Conduct Audits to Identify Energy Saving Opportunities	9,456	1,123	2,42
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	8,799	910	3,29
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	9,176	528	3,296
	Measure Oxygen and Carbon Dioxide Levels (f)	8,946	254	3,801
	Use Flue Gas to Preheat Other Equipment or Processes (g)	9,129	Q	3,657
	Process Heating Maintenance Program that Includes the Following:			
	Furance Inspections (h)	5,590	3,905	3,506
	Cleaning of Heat Transfer Equipment (i)	5,816	2,899	4,28
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	5,412	3,722	3,86
	Keep an Inventory of All Motors	6,429	2,929	3,642
	Detect and Control Compressed Air Leaks (I)	8,001	2,015	2,985
	Track the Amount of Energy Spent in Compressed Air Systems ureau of the Census classifies establishments using the 2012 North American Industry Classification System (NA	9,863	368	2,770
(c) A 'Ful (d) The a (e) The ir (f) "Tunir (g) The u (h) Furna (i) The clo (j) Proces (k) A plar (l) The st * Estimat	ount includes only those establishments that reported this activity in 2014. "Time fenergy Mnanger is a person whose major function is to direct or plan energy strategies relating to energy mount of tatem used is the amount needed to produce a unit of product. subtaint inspections are to monitor and maintain the condition of the steam system insulation. (*) the burners requires the measuring of oxygen and carbon dioxide levels in boilers and other fuel free heating to flue gass from fuel first heating upinnent to preheat combustion any, preheat charge exponent/mate ce inspections are nescessary to seal openings and repair cracks and damaged insulation in furnace walls, door aming of heat transfer surfaces avoids build up of soot, scale, or other material. Is beating equipment diculates, built continued to, temperature and pressure sensors, controllers, vavie opera t-wide study conducted to identify the major energy consuming pump systems. If or equipment declated to detecting and controlling compressed air system leaks. e less than 0.5.	ig equipment flue gases. rials, or provide heat for other pro s, etc.		
	eld because Relative Standard Error is greater than 50 percent.			
Q=Withh NA=Not				
Q=Withh NA=Not	available. tion is not applicable.			
Q=Withh NA=Not Estima				

Person(s) Responsible for Energy Management (c) Aware of ISO 50001

11 - 339	a) Energy-Management Activity	No Participation	Participation(b)	Don't Kno
11 - 339		Total United States		
	All Manufacturing Industries			
	Person(s) Responsible for Energy Management (c)	1.6	3.9	
	Aware of ISO 50001	1.5	3.7	
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	4.0	12.6	
	Energy Use Baseline for Comparing Energy Use in Future Years	2.2	3.4	
	Set Goals for Improving Energy Consumption Quantitative Goals	2.1 8.1	3.6	
	Submetering (metering beyond the main utility, revenue or supplier meter)	0.8	5.3	
	Conduct Audits to Identify Energy Saving Opportunities	1.6	4.4	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	1.7	4.6	
	Measure Oxygen and Carbon Dioxide Levels (f)	1.4	5.1	
	Use Flue Gas to Preheat Other Equipment or Processes (g)	1.3	7.5	
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	3.1	2.4	
	Cleaning of Heat Transfer Equipment (i)	3.1	2.6	
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	3.3 2.3	2.5	
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	2.3	3.3	
	Track the Amount of Energy Spent in Compressed Air Systems	1.4	7.1	
1	Food			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	6.2 4.4	8.5 10.2	1
	Implementing ISO 50001	11.0	35.5	
	Energy Efficiency a part of Purchasing Decision	19.2	3.9	1
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	7.5	7.8	1
	Quantitative Goals	21.2	9.7	
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	3.1	12.2	1
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	5.8	10.6	1
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	4.0	20.0	1
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	7.2	8.6	1
	Process Heating Maintenance Program that Includes the Following:			
	Furance Inspections (h)	13.9	5.3	1
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	15.9	5.2	
	Keep an Inventory of All Motors	7.7	7.2	1
	Detect and Control Compressed Air Leaks (I)	6.5	8.5	1
112	Track the Amount of Energy Spent in Compressed Air Systems	4.1	17.1	
112	Grain and Oilseed Milling			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	12.9	10.7	2
	Implementing ISO 50001	12.3	40.5	
	Energy Efficiency a part of Purchasing Decision	29.9	5.4	2
	Energy Use Baseline for Comparing Energy Use in Future Years	17.2	6.5	2
	Set Goals for Improving Energy Consumption Quantitative Goals	23.0	9.3	1
	Submetering (metering beyond the main utility, revenue or supplier meter)	4.4	9.0	
	Conduct Audits to Identify Energy Saving Opportunities	11.9	13.1 13.0	2
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	4.8	12.5	2
	Measure Oxygen and Carbon Dioxide Levels (f)	12.3	10.4	1
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	11.1	13.5	2
	Furance Inspections (h)	31.6	7.4	1
	Cleaning of Heat Transfer Equipment (i)	29.1	8.5	2
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	36.4	7.1	2
	Detect and Control Compressed Air Leaks (I)	12.7	10.8	2
	Track the Amount of Energy Spent in Compressed Air Systems	5.3	12.5	2
811221	Wet Corn Milling			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	0.0	0.0	
	Implementing ISO 50001	0.0	0.0	
	Energy Efficiency a part of Purchasing Decision	0.0	0.0	
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	0.0	0.0	
	Quantitative Goals	0.0	0.0	
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	0.0	0.0	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	0.0	0.0	
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	0.0	0.0	
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	
	Process Heating Maintenance Program that Includes the Following:			
	Furance Inspections (h)	0.0	0.0	
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	
	Keep an Inventory of All Motors	0.0	0.0	
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	
	Sugar Manufacturing			
1131	Person(s) Responsible for Energy Management (c)	0.0	0.0	
1131		0.0	0.0	
1131	Aware of ISO 50001			
1131	Aware of ISO 50001 Implementing ISO 50001	0.0	0.0	
1131	Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	0.0	0.0	
1131	Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Cosumption	0.0 0.0 0.0	0.0 0.0 0.0	
1131	Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in future Years Set Goals for Improving Energy Consumption Quantitative Goals	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	
1131	Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Cosumption	0.0 0.0 0.0	0.0 0.0 0.0	
1131	Aware of ISO 50001 Implementing ISO 50001 Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or suppler meter) Conduct Audits to identify Energy Swing Opportunities Procedures to Reduce Electricity Comsumption in Times of Cricial Grid Conditions	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
1131	Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in it ruter Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or suppler meter) Conduct Audits In Underly Foregy Saving Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
1131	Aware of ISO 50001 Implementing ISO 50001 Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or suppler meter) Conduct Audits to identify Energy Swing Opportunities Procedures to Reduce Electricity Comsumption in Times of Cricial Grid Conditions	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
1131	Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Efficiency a part of Purchasing Decision Quantitative Gasis Sati Gasis for improving Energy Consumption Quantitative Gasis Subinetering (imetering beyond the main utility, revenue or supplier meter) Conduct Audits to identify Inergy Saving Opportunities Procedures to Reduce Electricity Comsumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Comsumption in Times of Critical Grid Conditions Measure Oxygem and Carbon Diadok Levils (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
1131	Aware of ISO 50001 Implementing ISO 50001 Energy IER Biolog 50 5001 Energy IER Biolog 50 5001 Energy IER Biolog 100 50001 Energy IER Biolog 100 50001 Quantitative Goals Submetering (metering biol metric) wave provide the main utility, revenue or suppler meter) Conduct Audits IN IonHinf Fenergy Swing Opportunities Procedures to Reduce Electricity Consumption IT Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption IT Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Prevate Other Equipment or Processes (g) Process Healting Maintenance Program that Includes the Following: Furance Impections (h)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
1131	Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Efficiency a part of Purchasing Decision Energy Use Isolation for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Quantitative Goals Subinetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to identify Inergy Saving Opportunities Procedures to Reduce Electricity Comsumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Comsumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Diode Levels (f) Use Fluce Gas to Preheat Other Equipment or Processes (g) Process healing Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
1131	Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use in Sturke Sturke Vise in Future Years Set Goals for improving Energy Use in Future Years Submittaive Goals Submittaive Goals Submittaive Goals Conduct Audits to Identify Energy Somig Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Autonation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Measure Oxgreg and Carbon Doads Levels (f) Use Flue Gas to Preheat Other Equipment of Processes (g) Process Heating Maintenance Program Hat Includes the Following: Furance impections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Inspecting, Calibrating, and Adjustin	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
1131	Avara of ISO 50001 Implementing ISO 50001 Energy Life Biolog 50001 Energy Life Biolog 50001 Energy Life Biolog 1000 Set Goals for Improving Energy Loss in it uture Years Set Goals for Improving Energy Loss in it uture Years Submetering (metering boyond the main utility, revenue or suppler meter) Conduct Audits In Unlerth Fenergy Song Opportunities Procedures to Reduce Electricity Consumption I Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption I Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (I) Use Flue Gas to Prease Other Equipment or Processes (g) Process: Heating Maintenance Program that Includes the Following: Furance inspections (h) Cleaning of Heat Transfer Equipment (I) Inspecting, California, and Adjusting Process Heating Equipment (I) Keep an Inventory of All Motors Detect and Cortic Compressed Al Leaks (I)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
11131	Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use in Sturke Sturke Vise in Future Years Set Goals for improving Energy Use in Future Years Submittaive Goals Submittaive Goals Submittaive Goals Conduct Audits to Identify Energy Somig Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Autonation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Measure Oxgreg and Carbon Doads Levels (f) Use Flue Gas to Preheat Other Equipment of Processes (g) Process Heating Maintenance Program Hat Includes the Following: Furance impections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Inspecting, Calibrating, and Adjustin	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	

14.1 12.0 25.4 8.8 13.8 ---

	Implementing ISO 50001	14.3	28.4	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	40.8 19.5	3.5	27.8
	Set Goals for Improving Energy Consumption Quantitative Goals	15.1 32.1	11.0 14.3	23.4
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	5.6 12.3	18.5 13.4	- 25.3
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	11.4	16.8	22.2
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	8.9 14.5	26.3 12.2	21.4
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	9.7	18.0	19.3
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	22.6	8.9	22.2
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	24.7	9.4	21.
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	16.6	10.9	24.
	Track the Amount of Energy Spent in Compressed Air Systems	8.5	24.9	21.0
3115	Dairy Products			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	12.4	10.8	16.
	Implementing ISO 50001	14.2	34.9	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	36.9 17.5	5.7	18.
	Set Goals for Improving Energy Consumption Quantitative Goals	15.4	9.3	17.
	Submetering (metering beyond the main utility, revenue or supplier meter)	5.9	13.4	
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	10.2 7.9	12.3	17.
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	5.5	25.6	17.
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that includes the Following:	7.8	12.8	19.
	Furance Inspections (h)	24.4	5.6	20.
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	32.0 36.0	5.2	20.
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	14.8 11.4	7.6	21.
	Track the Amount of Energy Spent in Compressed Air Systems	5.6	22.6	19.
3116	Animal Slaughtering and Processing			
	Person(s) Responsible for Energy Management (c)	11.8	9.2	21
	Aware of ISO 50001 Implementing ISO 50001	6.8 13.9	12.6 32.8	
	Energy Efficiency a part of Purchasing Decision	49.8	5.7	22
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	14.7	8.6	18
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	21.5 4.7	10.3	6.
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	8.7	11.3	17.
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	6.1	19.9	18.
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	11.9 6.5	9.5	18.
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	25.6	6.6	19.
	Cleaning of Heat Transfer Equipment (i)	31.5	6.2	16.
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	37.1 15.5	6.3	17.
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	11.1 6.0	10.0	18.
312	Beverage and Tobacco Products			
	Person(s) Responsible for Energy Management (c)	7.2	13.0	20.
	Aware of ISO 50001	7.0	13.2	20.
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	13.7 28.5	61.8 6.0	20.
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	11.6 10.1	10.7	17.
	Quantitative Goals	35.1	13.7	5.
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	4.2	19.3 14.6	18.
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	6.9 5.6	17.9 25.6	17.
	Measure Oxygen and Carbon Dioxide Levels (f)	8.3	13.6	14.
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	5.9	21.8	15.
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	13.4 15.9	10.5	15. 13.
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	17.0	10.2	13.
	Detect and Control Compressed Air Leaks (I)	10.2	12.9	15
	Track the Amount of Energy Spent in Compressed Air Systems	6.6	21.8	16.
3121	Beverages			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	7.4	13.4 13.9	21
	Implementing ISO 50001	14.5	67.6	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	30.1 12.0	6.1	20
	Set Goals for Improving Energy Consumption Quantitative Goals	10.4	11.8	19
	Submetering (metering beyond the main utility, revenue or supplier meter)	4.3	20.4	19
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	7.2	15.4	17.
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	5.8	26.5 14.5	17
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	6.1	24.3	16
	Furance Inspections (h)	13.7	11.1	15.
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	16.4	10.8	13.
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	12.3	11.5	16
	Track the Amount of Energy Spent in Compressed Air Systems	6.8	23.4	15
3122	Товассо			
	Person(s) Responsible for Energy Management (c)	0.0	0.0	0
	Aware of ISO 50001 Implementing ISO 50001	0.0	0.0	
	Energy Efficiency a part of Purchasing Decision	0.0	0.0	0.
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	0.0	0.0	0.
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	0.0	0.0	0
	Conduct Audits to Identify Energy Saving Opportunities	0.0	0.0	0
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	0.0	0.0	0
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0
	Process Heating Maintenance Program that Includes the Following:			
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0
	Keep an Inventory of All Motors			
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent In Compressed Air Systems	0.0	0.0	0.

	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	11.8 9.6	14.7	25.7
	Implementing ISO 50001	20.9	39.6	-
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	42.0	5.8	44.5 28.8
	Set Goals for Improving Energy Consumption Quantitative Goals	13.3 38.0	15.2	29.6 9.4
	Submetering (metering beyond the main utility, revenue or supplier meter)	4.0	24.7	
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	8.2 8.7	22.1 19.5	29.2 32.1
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	5.8	35.9	31.2 23.6
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	6.7	28.8	25.6
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	22.1	8.8	30.8
	Cleaning of Heat Transfer Equipment (i)	26.9	9.5	26.7
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	30.7 13.4	8.4 13.2	26.1 39.0
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	13.7 6.9	13.7 32.7	34.9 30.3
314	Textile Product Mills			
	Person(s) Responsible for Energy Management (c)	10.1	46.5	60.8
	Aware of ISO 50001 Implementing ISO 50001	9.5 61.5	56.0	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	23.7 11.4	19.6 49.1	79.5 42.5
	Set Goals for Improving Energy Consumption	16.9	31.0	49.9
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	39.8	40.3 37.4	10.7
	Conduct Audits to Identify Energy Saving Opportunities	9.8 21.3	71.3 35.4	47.4
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	11.4	54.2	37.3
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	8.0	33.9 45.6	47.1 41.5
	Process Heating Maintenance Program that Includes the Following:	14.9	32.8	56.2
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	14.9	32.8	50.5
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	14.0 13.4	36.4 41.7	50.9 47.7
	Detect and Control Compressed Air Leaks (I)	17.6	36.8	37.0
	Track the Amount of Energy Spent in Compressed Air Systems	12.1	59.4	34.6
315	Apparel			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	26.2	49.5	37.2
	Implementing ISO 50001	59.7	x	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	46.6 31.1	38.9 59.4	25.9 30.1
	Set Goals for Improving Energy Consumption	34.2	48.7	30.0
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	95.3 3.3	64.0 65.7	12.3
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	27.1 26.5	63.2	35.1
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	25.5	64.6	28.4
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	18.1 17.6	73.9 92.7	56.3 55.1
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	25.6	36.7	34.6
	Cleaning of Heat Transfer Equipment (i)	30.8	36.2	26.7
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	32.1 21.6	35.7	26.0 36.4
	Detect and Control Compressed Air Leaks (I)	32.2	37.4	31.5
	Track the Amount of Energy Spent in Compressed Air Systems	19.2	82.9	40.6
316	Leather and Allied Product			
	Person(s) Responsible for Energy Management (c)	8.5	19.8	44.4
	Aware of ISO 50001 Implementing ISO 50001	29.9	48.6	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	23.4	10.0	59.1 40.3
	Set Goals for Improving Energy Consumption	10.6	27.0	51.0
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	45.7	21.7	7.2
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	5.0	19.2	25.1 26.2
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	5.6	37.8	27.8
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	4.3 3.8	32.5 46.8	22.8 22.8
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	19.9	15.9	22.0
	Cleaning of Heat Transfer Equipment (i)	19.3	17.1	20.9
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	17.8	18.2	22.7
	Detect and Control Compressed Air Leaks (I)	8.8	19.4	27.4
	Track the Amount of Energy Spent in Compressed Air Systems	1.4	45.2	21.9
321	Wood Products			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	4.7	14.8	12.5
		3.7	22.4	
	Implementing ISO 50001	14.0		
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years		5.3	9.3
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption	14.0 15.1 6.5 6.9	5.3	9.8
	Energy (Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	14.0 15.1 6.5 6.9 19.5 2.8	5.3 11.1 11.3 15.9 18.1	9.8
	Energy Efficiency a part of Purchasing Desision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or suppler meter) Conduct Audits to identify Energy Savig Opportunities	14.0 15.1 6.5 6.9 19.5	5.3 11.1 11.3 15.9	9.8 2.1 10.7
	Energy Efficiency a part of Purchasing Desision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intetering beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	140 15.1 6.5 6.9 19.5 2.8 5.1 5.5 5.1	5.3 11.1 11.3 15.9 18.1 13.4 14.2 20.9	9.8 2.1 10.7 10.9 10.3
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intetering beyond the main utility, revenue or suppler meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Preheat Other Equipment of Processes (g)	14.0 15.1 6.5 6.9 19.5 2.8 5.1 5.5	5.3 11.1 11.3 15.9 18.1 13.4 14.2	9.8 2.1 10.7 10.9
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In future Years. Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Imetering beyond the main utility, revenue or suppler meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Diode Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenace Program that Includes the Following:	140 151 65 195 28 51 55 51 51 51	5.3 11.1 11.3 15.9 18.1 13.4 14.2 20.9 11.9	9.8 2.1 10.7 10.9 10.3 9.9
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years. Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intereng beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Consumption in Times of Critical Grid Conditions Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Diode Levels (I) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenace Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	140 15.1 65 195 28 51 55 51 51 51 45 94 102	5.3 11.1 11.3 15.9 18.1 13.4 14.2 20.9 11.9 17.0 7.3 7.8	9.8 2.1 10.7 10.9 10.3 9.9 10.6
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years. Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intereng beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Dragen and Carbon Dioxide Levels (I) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenace Program that Includes the Following: Furance Inspections (I) Cleaning of Heat Transfer Equipment (I) Inspecting, Calibrating, and Adjusting Process Heating Equipment (J) Keep an Inventory of All Motors	140 15.1 65 69 195 28 5.1 5.1 5.1 5.1 5.1 45 9.4 102 9.6 8.8	5.3 11.1 11.3 15.9 18.1 13.4 13.4 20.9 11.9 17.0 7.3 7.8 8.0 8.0	9.8 2.1 10.7 10.9 10.3 9.9 10.6 11.7 9.9 10.1 10.5
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Yuture Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intetering beyond the main utility, revenue or suppler meter) Conduct Audits to identify Energy Sonig Opportunitoris Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dixoide Levels (I) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Imposetions (h) Cleaning of Heat Transfer Equipment (I) Cleaning of Heat Transfer Equipment (I)	140 151 65 195 28 51 55 51 51 45 94 102 96	5.3 11.1 11.3 15.9 18.1 13.4 14.2 20.9 11.9 17.0 7.3 7.8 8.0	9.8 2.1 10.7 10.9 10.3 9.9 10.6 11.7 9.9 10.1
321113	Energy Ufficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intetring beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Sonig Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dixoide Levels (I) Use Flue Gas to Preheat Other Equipment of Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Imposections (h) Cleaning of Heat Transfer Equipment (I) Cleaning of Heat Transfer Equipment (I) Cleaning of Heat Transfer Equipment (I) Energy Cling Calibrating, and Adjusting Process Heating Equipment (I) Keep an Inventory of All Motors Detects and Control Compressed Air Lasts (I) Track the Amount of Energy Spent in Compressed Air Systems	140 151 65 28 51 55 51 45 94 102 96 88 7,9	5.3 11.1 11.3 15.9 18.1 13.4 20.9 11.9 17.0 7.3 7.8 8.0 8.0 9.2	9.8 2.1 10.7 10.9 10.3 9.9 10.6 11.7 9.9 10.1 10.5
321113	Energy UER sellen for Comparing Energy UER in Future Years Set Goals for Improving Energy UER in Future Years Set Goals for Improving Energy UER in Future Years Submetering (Intering Beyond the main utility, revenue or suppler meter) Conduct Adults to Identify Energy Sonig Opportunities Proceedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messare Oxgen and Carbon Dioxide Levels (I) Uses Flue Gas To Preheat Other Electricity Consumption in Times of Critical Grid Conditions Messare Oxgen and Carbon Dioxide Levels (I) Uses Flue Gas To Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that includes the Following: Furance Impections; daily and Adjusting Process Heating Equipment (I) Inspecting Calibrating and Adjusting Process Heating Equipment (I) Inspecting Calibrating and Adjusting Process Heating Equipment (I) Track the Amount of Energy Spent in Compressed Air Systems Savemilis Person(s) Responsible for Energy Management (c)	140 151 65 69 195 28 51 55 51 51 51 45 94 102 96 88 79 44	5.3 11.1 11.3 15.9 18.1 18.4 14.2 20.9 11.9 17.0 7.3 7.8 8.0 8.0 9.2 27.9 11.3	9.8 2.1 10.7 10.9 10.3 9.9 10.6 11.7 9.9 10.1 10.5
321113	Energy Ufficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intetring beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Sonig Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas Dreheat Other Equipment of Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Impocitions (1) Cleaning of Heat Transfer Equipment (1) Cleaning of Heat Transfer Equipment (1) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (1) Track the Amount of Energy Spent in Compressed Air Systems Sawmils Person(s) Responsible for Energy Management (c) Aware of ISO 50001	140 151 65 28 51 55 51 45 94 102 96 88 79 44	53 111 113 159 161 162 209 119 170 73 78 80 80 80 92 279	9.8 2.1 10.7 10.9 10.3 9.9 10.6 11.7 9.9 10.1 10.5 10.5 10.5
321113	Energy Ufficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Jruture Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Interieng beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Sonig Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (I) Use Flue Gas to Proteet Other Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (I) Use Flue Gas to Proteet Other Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (I) Use Flue Gas to Proteet Other Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (I) Use Flue Gas to Proteet Other Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (I) Use Flue Gas to Proteet Other Electricity Consumption (I) Elevensing Maintenance Program that Includes the Following: Furance Inspections (Ii) Cleaning of Heat Transfer Equipment (I) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems Sowmills Person(S) Responsible for Energy Management (C) Aware of ISO 30001 Energy Efflexiency a pant of Purchasing Decision	140 151 65 69 195 28 51 51 45 94 102 36 68 7.9 44 44 41 153 205	5.3 11.1 11.3 15.9 16.1 16.2 20.9 11.9 7.3 7.8 8.0 8.0 9.2 27.9 27.9 11.3 13.8 25.5 5.0	9.8 2.1
321113	Energy UER sellen for Comparing Energy USe in Future Years Energy USE easeline for Comparing Energy USE in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or suppler meter) Conduct Audits to identify Energy Sonig Opportunities Proceedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Prohest Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Impections of All Motions Detecting Calibrating and Adjusting Process Heating Equipment (1) Inspecting Calibrating and Adjusting Process Heating Equipment (1) Reap an Inventor of All Motions Detect and Control Compressed Air Leaks (1) Track the Amount of Energy Spent in Compressed Air Systems Savmills Person(s) Responsible for Energy Management (c) Aware of ISO 50001	140 151 65 69 195 28 51 55 51 51 45 94 102 96 88 79 44 44 41 153	5.3 11.1 11.3 15.9 18.1 18.4 14.2 20.9 11.9 17.0 7.3 7.8 8.0 8.0 9.2 27.9 27.9 11.3 13.8 13.8 25.5	9.8 2.1 10.7 10.9 10.3 9.9 10.6 11.7 9.9 10.1 10.5 10.5 10.5 10.5 10.5 10.5
321113	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Imetering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Sving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (I) Use Flue Gas to Preheat Other Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (I) Use Flue Gas to Preheat Other Equipment of Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Important Carbon Dioxide Levels (I) Use Flue Gas to Preheat Other Equipment (I) Inspecting, Calibrating, and Adjusting Process Heating Equipment (I) Keep an Inventory of All Motics Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spen In Compressed Air Systems Savemills Person(I) Responsible for Energy Management (c) Aware of 50 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years Set Goals For Improving Energy Use In Future Years Set Goals for Improving Energy Use In Future Years Set Goals For Improving Energy Consumption Quantitative Goals	140 151 65 69 195 28 51 55 51 51 45 94 102 96 88 79 44 44 41 153 205 66 7,1 147	5.3 11.1 11.3 15.9 16.1 17.0 1	9.8 2.1 10.7 10.9 9.9 10.6 11.7 9.9 10.1 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.7 15.7 15.9 10.9
321113	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Imetering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (I) Use Flue Gas to Preheat Other Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (I) Use Flue Gas to Preheat Other Equipment of Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Important Confluences (I) Cleaning of Heat Transfer Equipment (I) Inspecting, Calibrating, and Adjusting Process Heating Equipment (I) Keep an Invention Compressed A Leals (I) Detect and Confluences and Leals (I) Track the Amount of Energy Sent In Compressed Al Systems Savemilis Person(I) Responsible for Energy Management (c) Aware of 50 50001 Energy Efficiency a part of Purchasing Decision Energy Ute Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Use In Future Years Set Goals for Improving Energy Use In Future Years Set Goals For Improving Energy Use In Future Years Set Goals For Improving Energy Use In Future Years Set Goals for Improving Energy Use In Future Years Set Goals For Improving Energy Use In Future Years Set Goals For Improving Energy Use In Future Years Set Goals For Improving Energy Use In Future Years Set Goals For Improving Energy Use In Future Years Set Goals For Improving Energy Use In Future Years Set Goals For Improving Energy Use In Future Years Set Goals For Improving Energy Use In Future Years Set Goals For Improving Energy Use In Future Years Set Goals For Improving Energy Use In Future Years Set Goals For Improving Energy Use Information Conduct Audits to Identify Energy Sonig Opportu	140 151 65 69 195 28 51 51 51 51 51 45 94 102 96 88 79 44 44 41 153 205 66 71 147 29 52	5.3 11.1 11.3 15.9 16.1 16.2 16.2 16.2 11.9 17.0 7.3 7.8 8.0 8.0 8.0 9.2 27.9 11.3 13.8 13.8 25.5 5.0 8.5 9.0 13.6 12.6 9.3	9.8 2.1
321113	Energy UER Baseline for Comparing Energy USe in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intering beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Sonie Qoportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (I) Use Flue Gas to Proteat Other Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (I) Use Flue Gas to Proteat Other Equipment of Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Insportions (In) Cleaning of Heat Transfer Equipment (I) Cleaning of Heat Transfer Equipment (I) Energy Alterizations (In) Detect and Conditiona (Interiment (I)) Reep an Inventory of All Motors Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems Samills Person(s) Responsible for Energy Management (C) Aware of ISO 50001 Energy Witchervy a pant of Purchasing Decision Energy Use Baseline for Comparing Energy Use in future Years Submetering Interview Decision Comparing Energy Use Purchasing Decision Energy Use Ba	140 151 65 69 195 28 51 51 51 51 45 94 102 96 48 79 44 41 153 205 66 71 147 29	5.3 11.1 11.3 15.9 16.1 16.2 20.9 11.9 7.3 7.8 8.0 8.0 9.2 27.9 27.9 11.3 11.8 25.5 5.0 8.5 9.0 13.6 13.6 12.6	9.8 2.11
321113	Energy UER Baseline for Comparing Energy US in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intering beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Sonie Qoportunities Proceedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (I) Use Flue Gas Dreheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Imposections (h) Cleaning of Heat Transfer Equipment (I) Inspecting, Calibrating, and Alguing Introcesses (g) Detect and Conditionals Motors Detect and Conditional Compressed Air Lasts (I) Track the Amount of Energy Spent in Compressed Air Systems Samilis Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improvide Energy Cosumption Quantitative Goals Submetering (Intering Not Systems) Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improvide Energy Cosumption Quantitative Goals Submetering (Intering Not Consumption Inters of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Inters of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Inters of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Inters of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Inters of Critical Grid Conditions	140 140 151 65 195 28 51 55 51 51 45 94 102 36 88 7.9 44 44 44 44 44 44 44 44 45 205 66 71 147 29 52 55 44 55	53 111 113 159 161 162 209 119 170 73 78 80 80 92 279 279 113 138 255 50 85 90 136 126 93 120 141 138 138 138 138 138 138 138 13	9.8 2.1 10.7 10.9 10.3 9.9 9 10.6 10.6 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5
321113	Energy Ufficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Use Flue Gas to Preheat Other Electricity Consumption Use Flue Gas to Preheat Other Electricity Consumption () Use Flue Gas to Preheat Other Electricity Consumption () Use Flue Gas to Preheat Other Electricity Consumption () Use Flue Gas to Preheat Other Electricity Consumption () Use Flue Gas to Preheat Other Electricity Consumption () Use Flue Gas to Preheat Other Electricity Consumption () Decess Heating Maintenance Program that Includes the Following: Furance Impocing Saving Capportunity Detect and Calibrating, and Adjusting Process Heating Equipment () Detect and Calibrating, and Adjusting Process Heating Equipment () Detect and Calibration, and Adjusting Process Heating Equipment () Detect and Control Compressed Ai Leals () Detect and Control Compressed	$\begin{array}{c} 140\\ 140\\ 151\\ 65\\ 69\\ 195\\ 28\\ 51\\ 55\\ 51\\ 51\\ 45\\ 94\\ 102\\ 36\\ 88\\ 79\\ 44\\ 102\\ 36\\ 88\\ 79\\ 44\\ 44\\ 41\\ 153\\ 205\\ 66\\ 61\\ 71\\ 147\\ 29\\ 52\\ 59\\ 44\\ 45\\ 59\\ 44\\ 59\\ 59\\ 41\\ 102\\ 102\\ 102\\ 102\\ 102\\ 102\\ 102\\ 10$	53 111 113 159 161 162 209 119 170 73 78 80 80 92 279 279 279 113 138 255 50 85 90 136 126 93 120 120 138 138 138 138 138 138 138 139 140 140 140 140 159 159 159 159 159 159 159 159	9.8 2.11
321113	Energy Ufficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Sving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Use Flue Gas to Probest Other Electricity Consumption Use Flue Gas to Probest Other Electricity Consumption () Use Flue Gas to Probest Other Electricity Consumption () Use Flue Gas to Probest Other Electricity Consumption () Use Flue Gas to Probest Other Electricity Consumption () Use Flue Gas to Probest Other Electricity Consumption () Use Flue Gas to Probest Other Electricity Consumption () Use Flue Gas to Probest Other Electricity Consumption () Use Flue Gas to Probest Other Electricity Consumption () Use Flue Gas to Probest Other Electricity Consumption () Use Flue Gas to Probest Other Electricity Consumption () Use Flue Gas to Probest Other Electricity Consumption () Use Flue Gas to Probest Other Electricity Consumption () Electricity Consumption () Flue Slue Gas Submetering (Interimg Deeviol to Engrue Yeans Set Goals for Improving Energy Use In Future Yeans Set Goals For Improving Energy Slue In Future Yeans Set Goals For Improving Energy Class In Future Yeans Set Goals For Improving Energy Classing Optomulties Procedures to Identify Energy Slue Gapomulties Procedures to Identify Electricity Consumption Conduct Audits I oldentify Energy Slue Gapomulties Procedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels () Use Flue Gas Torben Other Electricity Consumption () Leve Flue Gas Drebeat Other Electricity Consumption Immes of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels () Use Flue Gas Drebeat Other Electricity Consumption Immes of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels ()	$\begin{array}{c} 140\\ 151\\ 65\\ 69\\ 195\\ 28\\ 51\\ 55\\ 51\\ 51\\ 51\\ 45\\ 94\\ 102\\ 96\\ 88\\ 79\\ 44\\ 41\\ 153\\ 205\\ 66\\ 71\\ 147\\ 29\\ 55\\ 66\\ 71\\ 147\\ 29\\ 55\\ 59\\ 44\\ 59\\ 41\\ \end{array}$	5.3 1.1.1 1.1.3 15.9 18.1 14.2 20.9 11.9 7.3 7.8 8.0 8.0 9.2 27.9 11.3 13.8 8.0 9.2 27.9 11.3 13.8 5.5 5.0 8.5 9.0 12.6 9.3 12.0 12.6 9.3 12.0 12.6 9.3 12.0 12.6 9.3 12.0 12.6 12.6 9.3 12.0 12.6 12.6 9.3 12.0 12.6 12.6 12.6 12.6 13.6 13.6 13.6 13.7 13.8 13.4 14.2 15.9	9.8 2.11 10.7 10.9 10.3 9.9 10.1 10.7 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5
321113	Energy UER Baseline for Comparing Energy US in future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intering beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Saving Opportunities Proceedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (I) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the following: Furance Imposections (h) Cleaning of Heat Transfer Equipment (I) Inspecting, Calibrating, and Alguing Process Heating Equipment (I) Response Internation Compares and Alfred States (I) Track the Amount of Energy Spent in Compressed Air Systems Samilis Person(s) Responsible for Energy Management (C) Aware of ISO 50001 Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improvide Energy Cosumption Quantitative Goals Submetering (Intering Vegen the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Samp Use in Future Years Set Goals for Improvide Energy Cosumption Quantitative Goals Submetering (Intering Vegon the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Samp Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation. Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Chron Diode Levels (f) Use Flue Gas to Preheat Other Equipment to Processes (g) Process Heating Maintenance Program that includes the following:	$\begin{array}{c} 140\\ 140\\ 151\\ 65\\ 69\\ 195\\ 28\\ 51\\ 55\\ 51\\ 51\\ 45\\ 94\\ 102\\ 36\\ 88\\ 79\\ 44\\ 102\\ 36\\ 88\\ 79\\ 44\\ 44\\ 41\\ 153\\ 205\\ 66\\ 61\\ 71\\ 147\\ 29\\ 52\\ 59\\ 44\\ 45\\ 59\\ 44\\ 59\\ 59\\ 41\\ 102\\ 102\\ 102\\ 102\\ 102\\ 102\\ 102\\ 10$	53 111 113 159 161 162 209 119 170 73 78 80 80 92 279 279 279 113 138 255 50 85 90 136 126 93 120 120 138 138 138 138 138 138 138 139 140 140 140 140 159 159 159 159 159 159 159 159	9.8 2.11

3212	Track the Amount of Energy Spent in Compressed Air Systems	4.4	17.1	10.9
3212	Veneer, Plywood, and Engineered Woods Person(s) Responsible for Energy Management (c)	91	25.2	23.4
	Aware of ISO 50001 Implementing ISO 50001	6.2	16.7	
	Energy Use Baseline for Comparing Energy Use in Future Years	42.2	8.8	24.1
	Set Goals for Improving Energy Consumption Quantitative Goals Quantita	13.7	15.5	23.8
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities	6.7	19.8	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	9.6	24.3	20.3
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	7.3	13.6	23.9
	Process Heating Maintence Program that Includes the Following: Furance Inspections (h)	17.0	12.4	25.0
	Cleaning of Heat Transfer Equipment (i)	18.7	12.4 12.2 12.8	22.9
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	19.4	12.8	19.5
	Track the Amount of Energy Spent in Compressed Air Systems	7.8	29.9	24.2
321219	Reconstituted Wood Products			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	7.1	19.6	25.3
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	19.2 35.8	15.5	
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	25.1 26.1	3.3	17.4
	Quantitative Goals Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	24.1	16.1	15.5
	Conduct Audits to Identify Energy Saving Opportunities Procedures Reduce Electricity Consumption in Times of Critical Grid Conditions	15.7	19.0	22.9 26.8
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	2.7	15.5	28.9
	Use Flue Gas to Preheat Other Equipment or Processes (g)	11.9	17.7	21.3
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Engineent (i)	32.0	16.2 16.2	15.5
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	48.1	16.5	15.5
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I) Tack the Amount of Exercise Sensi in Compressed Air Surfame	29.1 18.5	16.3 23.7	48.6
2210	Track the Amount of Energy Spent in Compressed Air Systems	7.3	22.9	24.6
3219	Other Wood Products			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	6.8 5.3	21.7 19.9	17.2
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	20.3 18.5	45.1 8.0	19.5
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	9.0 9.7	22.8 19.3	12.3 13.0
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	37.5 3.9	30.4 37.1	2.8
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	7.3 7.9	24.7 21.9	14.3 15.4
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	7.6	28.6 26.7	14.2 13.5
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	6.7	30.7	14.3
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	13.9 14.9	10.7	16.0 12.9
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	13.5	12.3 13.7	13.9 14.2
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	11.6 6.4	13.3 46.8	15.0 14.3
322	Paper			
	Person(s) Responsible for Energy Management (c)	10.1	15.6	44.7
	Aware of ISO 50001 Implementing ISO 50001	8.3 18.5	17.9 50.5	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	32.0	7.3 13.4	36.5 27.3
	Set Goals for Improving Energy Consumption Quantitative Goals	13.1 37.6	14.1 17.7	33.3 7.6
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	5.8 9.6	19.3 18.5	29.4
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	8.4 9.1	18.9 24.8	32.9 33.6
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	7.2 7.5	13.0 12.7	29.4 26.9
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	17.3	12.3	31.3
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	20.0 23.8	12.4	26.0 27.9
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	19.7	12.2	27.5 28.2
	Track the Amount of Energy Spent in Compressed Air Systems	8.6	25.3	30.1
322110	Pulp Mills			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	0.0	0.0	X
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	0.0 X	X 0.0	 0.0
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	0.0	0.0	0.0 X
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	0.0	0.0	0.0
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	0.0	0.0	0.0
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	0.0 X	0.0	0.0
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	0.0	0.0	0.0
	Fucase Inspections (h) Cleaning of Heat Transfer Equipment (i)	x	0.0	0.0
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	x	0.0	0.0
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	0.0 0.0 0.0	0.0 0.0 0.0	X X 0.0
322121	Paper Mills, except Newsprint	0.0	0.0	0.0
344141	Paper Mills, except newsprint Person(s) Responsible for Energy Management (c)	0.0	0.0	0.0
	Aware of ISO 50001	0.0	0.0	
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	0.0 X	0.0	0.0
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Competition Contents	0.0	0.0	0.0
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	0.0	0.0	0.0
				0.0
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	0.0	0.0	0.0
	Conduct Audits to lidentify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
	Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	0.0	0.0	0.0

	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	0.0	0.0	0.
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.
		0.0	0.0	U
322122	Newsprint Mills			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	X 0.0	0.0	0
	Implementing ISO 50001	0.0	x	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	0.0 X	0.0	
	Set Goals for Improving Energy Consumption Quantitative Goals	0.0 X	0.0	0
	Submetering (metering beyond the main utility, revenue or supplier meter)	x	0.0	
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	0.0 X	0.0	0
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	0.0	0.0	0
	Cleaning of Heat Transfer Equipment (i)	x	0.0	0
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	x x	0.0	0
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0
		0.0	0.0	
322130	Paperboard Mills			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	0.0	0.0	C
	Implementing ISO 50001	0.0	0.0	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	0.0	0.0	0
	Set Goals for Improving Energy Consumption Quantitative Goals	0.0	0.0	0
	Submetering (metering beyond the main utility, revenue or supplier meter)	0.0	0.0	
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	0.0	0.0	0
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	0.0	0.0	0
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	0.0	0.0	c
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	C
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	0.0	0.0	0
	Detect and Control Compressed Air Leaks (I)	0.0	0.0	0
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	
23	Printing and Related Support			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	5.4	17.9	15
	Implementing ISO 50001	16.0	66.1	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	15.7	5.9	16
	Set Goals for Improving Energy Consumption	7.6	14.8	11
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	26.4 2.6	21.4 36.1	3
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	6.0	16.2 16.1	14
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	5.4	24.7	13
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	4.4 4.1	37.5 42.2	14
	Process Heating Maintenance Program that Includes the Following:			
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	10.7 9.3	8.7	13
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	9.6	10.1 16.1	12
	Detect and Control Compressed Air Leaks (I)	6.8	13.4	14
	Track the Amount of Energy Spent in Compressed Air Systems	4.4	34.3	14
24	Petroleum and Coal Products			
	Person(s) Responsible for Energy Management (c)	5.3	5.7	10
	Aware of ISO 50001 Implementing ISO 50001	3.3 6.6	5.5	
	Energy Efficiency a part of Purchasing Decision	16.4	2.8	14
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	6.8	4.9	9
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	8.5	6.0	3
	Conduct Audits to Identify Energy Saving Opportunities	4.3	7.3	7
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	4.4 3.3	5.9	8
	Measure Oxygen and Carbon Dioxide Levels (f)	9.1 5.0	5.2	7
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:			
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	15.8	3.6	7
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	16.3	3.4	8
	Detect and Control Compressed Air Leaks (I)	4.4	6.0	8
	Track the Amount of Energy Spent in Compressed Air Systems	2.9	11.6	
324110	Petroleum Refineries			
	Person(s) Responsible for Energy Management (c)	36.7	26.6	26
	Aware of ISO 50001 Implementing ISO 50001	27.7 20.1	16.4 26.6	
	Energy Efficiency a part of Purchasing Decision	26.6	26.6	4
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	60.9 26.6	26.6 26.6	53
	Quantitative Goals	26.6	26.6	26
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	29.6 29.6	26.6 26.6	26
		15.8	26.6	26
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions		26.6	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	6.8 61.9	26.3	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	6.8		
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Prehast Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the following: Furance Inspections (h)	6.8 61.9 42.8 26.6	26.3 26.6 2.1	26
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Lewels (1) Use Flue Gas to Prehast Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the following: Furance Inspections. (h) Cleaning of Heat Transfer Equipment (i) Inspecting. Calibrating. and Adjusting Process Heating Equipment (j)	6.8 61.9 42.8 26.6 26.6 26.6 26.6	26.3 26.6 2.1 1.4 1.2	26 26 26 26
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Organ and Carbon Dioxide Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furnace Inspections (h) Cleaning of Heat Transfer Equipment () Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	6.8 61.9 42.8 26.6 26.6 26.6 26.6 26.6	26.3 26.6 2.1 1.4 1.2 2.1	26 26 26 26
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Lewels (1) Use Flue Gas to Prehast Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the following: Furance Inspections. (h) Cleaning of Heat Transfer Equipment (i) Inspecting. Calibrating. and Adjusting Process Heating Equipment (j)	6.8 61.9 42.8 26.6 26.6 26.6 26.6	26.3 26.6 2.1 1.4 1.2	26 26 26 26 26 26
324121	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Lewels (1) Use Flue Sats to Prehast Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Claintaing, and Adjusting Process Heating Equipment (g) Keep an Inventory of All Motors Detect and Control Compressed Al relaks (I)	6.8 619 42.8 26.6 26.6 26.6 26.6 26.6 26.6 9.0	26.3 26.6 2.1 1.4 1.2 2.1 2.1 26.6	26 26 26 26 26 26
324121	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Lewels (f) Use Flue Gas to Prehare Other Regulament or Processes (g) Process Heating Maintenance Program that Includes the following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Al relaks (l) Track the Amount of Energy Spent in Compressed Air Systems Asphalt Paving Mixture and Block	6.8 61.9 42.8 26.6 26.6 26.6 26.6 26.6 9.0 7.0	26.3 26.6 2.1 1.4 1.2 2.1 26.6 26.6	26 26 26 26 26 26
324121	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Lewels (f) Use Flue Gas to Prehare Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Californian, and Adjuster Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Al relaks (l) Track the Amount of Energy Spent in Compressed Air Systems Aphalt Paving Mixture and Block Person(s) Responsible for Energy Management (c) Aware of ISS 0001	6.8 61.9 42.8 26.6 26.6 26.6 26.6 26.6 26.6 3.0 7.0 7.0 6.0 3.4	26.3 26.6 2.1 1.4 1.2 2.1 26.6 26.6 5.7 6.5	21 21 21 21 21 21 21
324121	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Lavels (1) Use Flue Gas to Prehast Other Equipment or Processe (g) Process Heating Maintenance Program that Includes the following: Furance Inspections (1) Cleaning of Heat Transfer (quipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Reeg an Inventory of All Motors Detect and Control Compressed Air Leaks (I) Track the Anound Of Energy Spent In Compressed Air Systems Asphalt Paving Mixture and Block Person(s) Responsible for Energy Management (c) Aware of SO 50001 Implementing S5 0001	6.8 61.9 42.8 26.6 26.6 26.6 26.6 26.6 9.0 7.0 5.0	26.3 26.6 2.1 1.4 1.2 2.1 2.6 26.6 26.6	21 21 21 21 21 21 21 21
324121	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (f) Use Flue Gas to Prehast Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting_Calibrating_and Adjusting Process Heating Equipment (j) Reeg an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent In Compressed Air Systems Asphalt Paving Mixture and Block Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 5001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years	6.8 61.9 42.8 26.6 26.6 26.6 26.6 26.6 9.0 7.0 7.0 6.0 3.4 7.6 18.3 9.0	263 266 21 1.4 1.2 266 266 266 5.7 6.5 12.8 1.9 5.3	21 21 21 21 21 21 21 21 21 21 21 21 21 2
324121	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (f) Ues Flue Gas to Prehast Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent In Compressing Calibration Aphalt Paving Mixture and Block Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Company Leaks III Energy Use Baseline for Company Calibration Energy Use Baseline for Company Compution	6.8 61.9 42.8 26.6 26.6 26.6 26.6 26.6 9.0 7.0 7.0 5.0 3.4 7.6 18.3 9.0 9.0 9.3 10.5	26.3 26.6 2.1 1.4 1.2 2.1 26.6 26.6 26.6 5.7 6.5 12.8 1.9	26 26 26 26 26 26 26 26 26 26 26 26 26 2
324121	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Lewels (f) Use Flue Gas to Prehare Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Exert and Control Compressed AI relask (i) Track the Amount of Energy Spent in Compressed Air Systems Asphale Paving Mixture and Block Person(s) Responsible for Energy Management (c) Aware of foS 50001 Implementing ISO 50001 Energy Use Baseline for Comparing Energy Use In Future Years Set Gasls for Improving Intergy Consumption Quantitative Goals Submetering (Intering beyond the main utility, revenue or supplier meter)	6.8 619 42.8 26.6 26.6 26.6 26.6 26.6 26.6 26.0 3.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7	263 266 2.1 1.4 1.2 2.1 2.6 26.6 26.6 5.7 6.5 1.2.8 1.9 5.3 5.1	26 26 26 26 26 26 26 26 26 26 26 26 26 2
324121	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (f) Ues Flue Gas to Prehast Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent In Compressing Calibration Aphalt Paving Mixture and Block Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Company Leaks III Energy Use Baseline for Company Calibration Energy Use Baseline for Company Compution	6.8 61.9 42.8 26.6 26.6 26.6 26.6 26.6 26.6 26.6 3.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7	263 266 21 14 12 21 266 266 266 5.7 6.5 128 1.9 5.3 5.1 6.5 9.1	

	Furance Inspections (h)	18.4	4.5	7.6
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	14.8	4.3	9.0
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	8.3	4.0	8.8
	Track the Amount of Energy Spent in Compressed Air Systems	3.6	22.9	7.0
324122	Asphalt Shingle and Coating Materials			
	Person(s) Responsible for Energy Management (c)	8.4	7.2	19.4
	Aware of ISO 50001 Implementing ISO 50001	4.7	9.0 4.0	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	4.0	2.6	16.5
	Set Goals for Improving Energy Consumption	11.2	7.1	15.5
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	4.0	7.6	4.5
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	8.2	9.3	15.9
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	5.0	8.7	16.8
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	6.3	6.6	15.9
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	18.4	4.3	15.8
	Cleaning of Heat Transfer Equipment (i)	17.0	4.4	14.8
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	17.6	5.6	18.2
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	8.7	9.5	19.1
324199	Other Petroleum and Coal Products			
		0.0	0.0	
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	0.0	0.0	0.0
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	0.0	X 0.0	- 0.0
	Energy Use Baseline for Comparing Energy Use in Future Years	0.0	0.0	0.0
	Set Goals for Improving Energy Consumption Quantitative Goals	0.0	0.0	0.0
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	0.0	0.0	- 0.0
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	0.0	0.0	0.0
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	0.0	0.0	0.0
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	0.0	0.0	0.0
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0
325	Chemicals			
	Person(s) Responsible for Energy Management (c)	5.4	8.2	13.9
	Aware of ISO 50001	4.9	9.3	
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	10.1 19.1	23.0	14.9
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	9.5	7.0	12.5
	Quantitative Goals	25.6	9.8	3.9
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	3.3 6.2	8.6	11.9
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	5.7	12.3 22.0	12.0
	Measure Oxygen and Carbon Dioxide Levels (f)	6.6	9.2	11.6
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	5.1	11.6	11.7
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	12.3	6.0	13.2
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	14.7	5.9	11.7
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	10.3 7.4	6.5	13.3
	Track the Amount of Energy Spent in Compressed Air Systems			13.1
		4.6	13.4	
325110	Petrochemicals	4.6	13.4	
325110		27.8	20.3	12.0
325110	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	27.8 17.5	20.3 20.3	12.0
325110	Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	27.8 17.5 20.3 X	20.3 20.3 20.3 0.5	20.5
325110	Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Implementing 150 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	27.8 17.5 20.3	20.3 20.3 20.3	20.5 20.5 57.6
325110	Person(s) Responsible for Energy Management (c) Aware of 150 50001 Implementing 150 50001 Energy Efficiency a part of Pruchasing Decision Energy Use Balancien for Comparing Energy Use in Future Years Set Goals for Improving Energy Cuse unplot Quantitative Goals	27.8 17.5 20.3 X 20.3 20.3 20.3 20.3	20.3 20.3 20.3 0.5 20.3 20.3 20.3	20.5
325110	Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Bailsen for Comparing Energy Use in Future Years Set Goals for Improving Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intering Rey of the main utility, revenue or supplier meter) Conduct Audits to Identify Faregy Saving Opportunities	27.8 17.5 20.3 X 20.3 20.3 20.3 20.3 37.2 19.1	20.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3	20.3 20.3 57.6 57.6 27.8
325110	Person(s) Responsible for Energy Management (c) Aware of 150 50001 Implementing 150 50001 Energy Efficiency a part of Purchasing Decision Energy Use Balentine for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intering Report the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Immes of Critical Grid Conditions	27.8 17.5 20.3 X 20.3 20.3 20.3 37.2 19.1 27.8 10.8	20.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3	20.3 20.3 57.6 27.8 20.3 20.3 20.3 20.3 20.3
325110	Person(s) Responsible for Energy Management (c) Aware of KO 30001 Implementing 150 50001 Energy Efficiency a part of Pruchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Imtering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Diode Levels (f)	278 175 203 x 203 203 203 203 37.2 19.1 27.8 10.8 41.2	20.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3	20.3 20.3 57.6 57.6 20.3 20.3 20.3 20.3 20.3 20.3
325110	Person(s) Responsible for Energy Management (c) Aware of KO 30001 Energy Efficiency a part of Purchasing Decision Energy Efficiency a part of Purchasing Decision Energy Use Blacken for Comparing Energy Consumption Quantitative Goals Submetering (Intering Depond the main utility, revenue or supplier meter) Conduct Audits to Identify Thergy Saving Opportunitie Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioded Levels (f) Use Flue Gas to Preheat Other Equipment of Processes (g) Process Heating Maintenance Program that Includes the Following:	278 175 203 x 203 203 203 203 37.2 19.1 27.8 10.8 41.2 33.6	20.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3	20.3 20.3 27.4 27.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3 20
325110	Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Balenties for Comparing Energy Use in Future Years Set Goals for improving Energy Consumption Quantitative Goals Submetering (Intering Report the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Beduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g)	278 175 203 x 203 203 203 203 37.2 19.1 27.8 10.8 41.2	20.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3	20.3 20.3 27.4 27.4 20.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3
325110	Person(s) Responsible for Energy Management (c) Aware of 150 50001 Energy Efficiency a part of Purchasing Decision Energy Use Balentie for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intering Depond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Suing Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Beduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Pheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (j) Cleaning of Heat Transfer Equipment (i)	27.8 17.5 20.3 X 20.3 20.3 20.3 37.2 19.1 27.8 10.8 41.2 33.6 20.3 45.8 20.3	20.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3	20.: 20.: 57.4 27.3 20.: 20.: 20.: 20.: 20.: 20.: 20.: 20.:
325110	Person(s) Responsible for Energy Management (c) Aware of 50 50001 Energy Efficiency a part of Purchasing Decision Energy USE Balencien for Comparing Energy Use In Future Years Set Goals for improving Energy Consumption Quantitative Goals Submetering (Interim Reprod the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Beduce Electricity Consumption In Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (f) Use Flue Gas to Prehase 10ther Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjuster Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed A Leaks (f)	27.8 17.5 20.3 X 20.3 20.3 20.3 37.2 19.1 27.8 10.8 41.2 33.6 20.3 45.8 20.3 20.3 20.3 20.3	20.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3	20.3 20.3 57.4 27.1 20.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3
325110	Person(s) Responsible for Energy Management (c) Aware of KO 30001 Implementing ISO 50001 Energy Efficiency a part of furthaling Decision Energy Efficiency a part of furthaling Decision Energy Efficiency a part of furthaling Decision Energy Lise Bialene for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering Interesting beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Thergy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Masure Oxgen and Cachon Dioded Levels (f) Use Flue Gas to Preheat Other Equipment of Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Tansfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	27.8 17.5 20.3 20.3 20.3 20.3 20.3 37.2 10.1 27.8 10.8 41.2 33.6 20.3 45.8 20.3 20.3	203 203 203 203 203 203 203 203 203 203	20.3 20.3 57.6 27.8 20.3
325110	Person(s) Responsible for Energy Management (c) Aware of 50 50001 Energy Efficiency a part of Purchasing Decision Energy USE Balencien for Comparing Energy Use In Future Years Set Goals for improving Energy Consumption Quantitative Goals Submetering (Interim Reprod the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Beduce Electricity Consumption In Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (f) Use Flue Gas to Prehase 10ther Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjuster Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed A Leaks (f)	27.8 17.5 20.3 X 20.3 20.3 20.3 37.2 19.1 27.8 10.8 41.2 33.6 20.3 45.8 20.3 20.3 20.3 20.3	20.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3	20.3 20.3 57.4 27.1 20.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Bailogies of Comparing Energy Use In Future Years Set Goals for improving Energy Consumption Quantitative Goals Submetering (Intering Report the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (f) Use Flue Gas to Phenat Other Equipment or Processe (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (f) Inspecting, Calibraing, and Adjuster Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Al Leaks (f) Track the Amount of Energy Spent in Compressed Alr Systems	27.8 17.5 20.3 X 20.3 20.3 20.3 37.2 19.1 27.8 10.8 41.2 33.6 20.3 45.8 20.3 20.3 20.3 20.3	20.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3	12.0 20.1 20.1 57.4 57.4 20.1
	Person(s) Responsible for Energy Management (c) Aware of 50 50001 Implementing 150 5001 Energy Efficiency a part of Purchasing Decision Energy Use Bailchen for Comparing Energy Use Bailchure Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Interim Beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls Deduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls Deduce Electricity Consumption In Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (f) Use Flue Gas De Prehaet Other Equipment or Processe (g) Process Heating Maintenance Program that Includes the following: Furance Inspection, Clainting, and Adjusting Process Meating Equipment (j) Cleaning of Heat Transfer Equipment (i) Inspecting, Clainting, and Adjusting Process Meating Equipment (j) Reep an Inventory of All Motors Detect and Control Compressed AL Leaks (l) Track the Amount of Energy Spent In Compressed Alr Systems Industrial Gase Person(s) Responsible for Energy Management (c) Aware of (f55 5001	27.8 17.5 20.3 X 20.3 20.3 20.3 37.2 19.1 27.8 10.8 41.2 33.6 20.3 45.8 20.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3	20.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3	12.0 20.1 20.1 57.4 57.4 20.1
	Person(s) Responsible for Energy Management (c) Aware of 50 50001 Implementing 150 5001 Energy Efficiency a part of Purchasing Decision Energy Use Bailchen for Comparing Energy Use Brithure Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Interim Beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (f) Use Flue Gas to Phenat Other Equipment or Processe (g) Process Heating Maintenance Program that Includes the following: Furance Inspection, Clainting, and Adjuster Process Heating Equipment (j) Cleaning of Heat Transfer Equipment (i) Inspecting, Clainting, and Adjuster Process Heating Equipment (j) Reeg an Inventory of All Motors Detect and Control Compressed A Leaks (l) Track the Amount of Energy Spent in Compressed Air Systems Industrial Gases Person(s) Responsible for Energy Management (c) Aware of 155 20001 Implementing ISO 50001 Energy Efficiency and the Controls	278 175 203 X 203 203 203 203 372 191 278 108 412 336 203 458 203 203 203 203 203 203 203 203 203 203	20.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3	12.4 20.3 20.2
	Person(s) Responsible for Energy Management (c) Aware of KO 30001 Energy Efficiency a part of furchsaing Decision Energy Use Bielsen for Comparing Energy Use Bi Future Years Set Gals for Improving Energy Consumption Quantitative Goals Submetering Interieng beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Diolodi Levels (f) Use Flue Gas to Preheat Other Equipment of Processes (g) Furnace Inspections (h) Celaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Reeg an Inventiony of All Mactors Detect and Control Compressed Air Leaks (f) Track the Annount of Energy Spent in Compressed Air Systems Industrial Gases Person(s) Responsible for Energy Management (c) Aware of SOS 50001 Implementing S0001	27.8 17.5 20.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3	203 203 203 203 203 203 203 203 203 203	12.(1 20.0.2 20.0.2 20.3 20.0.2 20.3 20.0.2 20.2 2
	Person(s) Responsible for Energy Management (c) Aware of KO 50001 Implementing ISO 5001 Energy Efficiency a part of Purchasing Decision Energy Use Balantie for Comparing Energy Use Balantie Verse Yeas Set Goals for Improving Energy Consumption Conduct Audits to Identify Energy Swing Opportunities Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricy Consumption In Times of Critical Grid Conditions Measure Oxygen and Carlon Dioxide Levels (f) Use Flue Gas to Phende Other Equipment of Processet(g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Impacting Calibriang, and Adjusting Process Heating Equipment (j) Keep and Carlon Dioxide Levels (I) Impacting Calibriang, and Adjusting Process Heating Equipment (j) Keep and Carlon Dioxide Levels (I) Impacting Calibriang, and Adjusting Process Heating Equipment (j) Keep and Carlon Dioxide Levels (I) Impacting Calibriang, and Adjusting Process Heating Equipment (j) Keep and Carlon Dioxide Levels (I) Impacting Calibriang, and Adjusting Process Heating Equipment (j) Keep and Carlon Dioxide Levels (I) Impacting Calibriang, and Adjusting Process Heating Equipment (j) Keep and Process Heating Calibriang and Adjusting Process Heating Equipment (j) Keep and Calibriang, and Adjusting Process Heating Equipment (j) Keep and Carlon Dioxide Levels (I) Implementing S05 DOIL Energy (Efficiency a part of Purchasing Decision Energy Use Balantene for Comparing Energy Use Proture Years Set Goals for Improving Energy Consumption Countitative Goals	27.8 175 203 x 203 203 203 37.2 19.1 27.8 10.8 412 31.6 203 203 203 203 203 203 9.7 32.0 109 205 447 422 31.2	20.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3	12.(1 20.3) 20.20
	Person(s) Responsible for Energy Management (c) Aware of KO 50001 Implementing ISO 5001 Energy Efficiency a part of Purchasing Decision Energy Use Balanties for Comparing Energy Use Balanties Verse Verses Set Goals for Improving Energy Consumption Conduct Audits to Identify Energy Strugge Purchasing Decision Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricy Consumption In Times of Critical Grid Conditions Measure Dragen and Carbon Dioxide Levels (f) Use Flue Gas to Phender Other Equipment of Processes (g) Process Healing Maintenance Program that Includes the Following: Furnac Impacting, and Alguing Process Healing Equipment (j) Users and Internation Process Healing Equipment (j) Reeg an Invention of All Motors Detect and Control Compressed Al Leaks (l) Industrial Gases Proceding Spont In Compressed Al Systems Industrial Gases Prenatol Responsible for Energy Management (c) Aware of SO 50001 Energy Efficiency a part of Nurchasing Decision Energy Use Balantie for Comparing Energy Use In Ture Yeas Set Goals for Improving Energy Communition Energy Use Balantie for Comparing Energy Use In Ture Yeas Set Goals for Improving Energy Committion Energy Use Balantie for Comparing Energy Use In Ture Yeas Set Goals for Improving Energy Committion Energy Use Balantie for Comparing Energy Use In Ture Yeas Set Goals for Improving Energy Communition Submetering (Interime Bopport the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Submit Gopportunitie Submetering (Interime Bopport the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Submit Gopportunitie Submetering (Interime Bopport the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Submit Gopportunitie	22.8 175 203 x 203 203 32.2 19.1 27.8 10.1 27.8 10.1 27.8 10.1 27.8 10.1 27.8 10.1 27.8 10.1 27.8 10.1 27.8 10.1 27.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3 20	20.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3	12.(1 20.3) 20.3) 20.577,675 27.8 20.577,675 20.577,775 20.577,775 20.577,775 20.577,775 20.577,775 20.577,775 20.577,775 20.577,775 20.577,775 20.577,775,775 20.577,775 20.577,775 20.577,775 20.577,775 20.577,775 20.577,775 20.577,775 20.577,775 20.577,775 20.577,775,775 20.577,775,775,775,775,775,775,775,775,775
	Person(s) Responsible for Energy Management (c) Aware of 50 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Puttre Years Set Goals for improving Energy Consumption Conduct Audits to Identify Energy Samity Operationals Display Conduct Audits (C) Display Conduct Conduct Conduct Audits (C) Display Conduct Conduct Audits (C) Display Conduct Conduct Conduct Audits (C) Display Conduct Co	278 175 203 X 203 203 203 203 372 191 278 108 412 336 203 458 203 203 203 203 203 203 203 203 203 203	203 203 203 203 203 203 203 203 203 203	12.(1 20.3.2 20.3.2 20.3.2 20.3.2 20.5 2.6.2 2.7.2 2.0.2 20.2 20.2 20.2 20.2 20.2
	Person(s) Responsible for Energy Management (c) Aware of 50 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for improving Energy Consumption Conduct Audits to Identify Energy Samp Operationals Disorder Schwarz (C) Disorder Disord	278 175 203 X 203 203 203 203 372 191 278 108 412 336 203 458 203 203 203 203 203 203 203 203 203 203	203 203 203 203 203 203 203 203 203 203	12.4 20.3 20.0
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	Person(s) Responsible for Energy Management (c) Aware of KO 50001 Implementing ISO 5001 Energy Efficiency a part of Purchasing Decision Energy Use Balanties for Comparing Energy Use Balanties Verse Verses Set Goals for Improving Energy Consumption Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Automation Controls to Reduce Electricy Consumption Immes of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Phender Other Equipment of Processes (g) Process Healing Maintenance Program that Includes the Following: Furnac Impacting, and Alguing Process Healing Equipment (j) Heage and Immession (g) Process Intering Operating Process Healing Equipment (j) Heage antiversion (G) Process Intering Operating Process Healing Equipment (j) Heage antiversion (G) Process Interving Spent in Compressed Al Systems Industrial Gosto Prenzy Use Balanting Decision Energy Use Balantie for Comparing Energy Use In Turker Verses Set Goals for Improving Energy Consumption Energy Use Balantie for Comparing Energy Use In Turker Verses Set Goals for Improving Energy Consumption Energy Use Balantie for Comparing Energy Use In Turker Verses Set Goals for Improving Energy Consumption Energy Use Balantie for Comparing Energy Use In Turker Verses Set Goals for Improving Energy Consumption Conduct Audits to Identify Energy Surg Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricy Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricy Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricy Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricy Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricy Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricy Consumption In Times of Critical G	278 175 203 X 203 203 203 203 372 191 278 108 412 336 203 458 203 203 203 203 203 203 203 203 203 203	203 203 203 203 203 203 203 203 203 203	12 (1 2000) 57 (2) 2000) 57 (2) 20000) 2000) 2000) 2000) 2000) 200
	Person(s) Responsible for Energy Management (c) Aware of KO 50001 Implementing 150001 Energy Efficiency a part of Purchasing Decision Energy Use Bacterine for Comparing Energy Use Bacture Years Set Goals for Improving Energy Consumption Conduct Audits to Identify Energy Sing Opportunities Procedures to Reduce Electricity Consumption Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (f) Use Flue Gas to Phereal Other Equipment of Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Imspecting, Carbing, and Agvisting Process Heating Equipment (j) Keep an Inventory of All Motor Detect and Cortical Compressed Air Systems Industrial Gase Process Defined For Comparing Process Heating Equipment (j) Reagonable for Energy Management (c) Aware of 50 50001 Energy Efficiency a part of Pruchasing Decision Energy Use Bacter for Comparing Energy Use Photore Process Defined For Energy Management (c) Aware of 50 50001 Energy Efficiency a part of Pruchasing Decision Energy Use Bacter for Comparing Energy Use Photore Submetring Interimg Report the Industry Responsible for Energy Use Photore Submetring Interimg Report the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Submy Opportunities Procedures to Reduce Electricity Consumption Intere of Critical Grid Conditions Automation Controls Deduce Electricity Consumption Intere of Critical Grid Conditions Automation Controls Deduce Electricity Consumption Intere of Critical Grid Conditions Mesure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Phenet Other Caputory Process (g) Process Heating Maintenance Program that Includes the Following: France Integrating and Adjustry Process (g) Process Heating Maintenance Program that Includes the Following: France Integrating and Adjustry Process (g) Process Heating Guameter (f) Leaning of Heat Transfer Ruppress (f)	22.8 17.5 20.3 X 20.3 20.3 20.3 20.3 37.2 19.1 27.8 10.8 41.2 31.6 20.3 45.8 20.3 31.6 20.3 45.8 20.3 31.6 20.3 31.6 20.3 31.6 20.3 31.6 20.3 31.6 20.3 31.6 20.3 31.7 20.3 31.6 20.3 31.7 20.3 31.6 20.3 31.7 20.3 31.6 20.3 31.7 20.3 31.6 20.3 31.7 20.3 31.6 20.3 31.7 20.3 31.6 20.3 31.7 20.3 31.6 20.3 31.7 20.3 31.6 20.3 31.7 20.3 20.5 20.6 44.7 20.6 20.6 20.6 20.6 20.7 20.6 20.6 20.7 20.6 20.7 20.7 20.7 20.6 20.7 20.	20.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3	12.0 20.0 57.7 20.0 20.0
	Person(s) Responsible for Energy Management (c) Aware of KO 50001 Implementing 150 5001 Energy Efficiency a part of Purchasing Decision Energy Use Bacterine for Comparing Energy Use Bacture Years Set Goals for Improving Energy Consumption Conduct Audits to Identify Energy Strain Query Consumption Conduct Audits to Identify Energy Strain Query Consumption Conduct Audits to Identify Energy Strain Query Consumption Measure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Prehast Other Equipment Or Processes (g) Process Heating Maintenance Program that Includes the Following: Furnace Inspections (h) Cleaning of Heat Transfer Equipment (i) Imspecting, Carbing, and Agvisting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Systems Industrial Gase Processing Operating Decision Energy Efficiency a part of Pruchasing Operating Process Heating Maintenance Program that Includes the Following: FranceIngecting Compared the main utility, revenue or supplementers Submetring Interting bences theory Operating Process Heating Maintenance Program that Includes the Following: FranceIngecting Compared the main utility, revenue or supplementers Econduct Audits to Identify Energy Submet Process Heating Intervers Extension Followed Decision Energy Chical Grad Conditions Automation Controls Deckee Electricy Consumption Interes	22.8 175 203 X 203 203 203 203 322 191 22.8 108 41.2 31.6 20.3 45.8 20.3 32.2 19.1 27.8 10.8 41.2 31.6 20.3 32.3 32.3 33.7 20.3 34.5 20.3 35.7 20.3 36.7 20.3 37.2 20.3 20.5 20.6 44.7 20.6 44.7 20.6 44.7 20.6 44.7 20.7 20.6 44.7 20.7	20.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3	12.0 200.0 57.7 200.0 20
	Person(s) Responsible for Energy Management (c) Aware of 50 50001 Energy Efficiency a part of Purchasing Decision Energy Use Bacteline for Comparing Energy Use In Future Years Set Goals for improving Energy Consumption Conduct Audits to Identify Energy Samp Opportunities Procedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Automation Controls Deduce Electricity Consumption Immes of Critical Grid Conditions Implementing Instant, and Alyasing Process Healing Equipment (f) Track the Amount of Energy Amagement (c) Aware of 150 50001 Energy Efficiency and Control Divide Levels (f) Use Flue Gas to Prehast Other Equipment (g) Track the Amount of Energy Spent In Compressed Air Systems Inductal Gases Person(s) Responsible for Energy Amagement (c) Aware of 150 50001 Energy Consumption Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Consult Audits to Identify Anergy Samagement (c) Aware of 150 50001 Energy Consumption Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Consultad Reduce Electricity Consumption Immes of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Immes Equipment (g) Process Healing Maintenance Program Energy Use Baseline for Comparing Energy Use In Future Years Set Gas for Improving Energy Consumption Consultative Goals Energy Use Baseline for Comparing Energy Use In Future Years Set Gas for Improving Energy Consumption Consultative Goals Automation Controls to Reduce Electricity Consumption Immes of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Immes of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Immes of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Immes of Critical Grid Conditions Materiane Consultative Future Years Set Gas for Immes Insteing Englishered Processes (g) Process Healing Maintenance Program Hat Includes the Following: Furance	278 175 203 X 203 203 203 203 203 372 191 278 108 412 336 203 458 203 203 203 203 203 203 203 203	203 203 203 203 203 203 203 203 203 203	12.0 200.0 57.7 200.0 20
	Person(s) Responsible for Energy Management (c) Aware of KO 50001 Implementing 150 5001 Energy Efficiency a part of Purchasing Decision Energy Use Bacterine for Comparing Energy Use Bacture Years Set Goals for Improving Energy Consumption Conduct Audits to Identify Energy Strain Query Consumption Conduct Audits to Identify Energy Strain Query Consumption Conduct Audits to Identify Energy Strain Query Consumption Measure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Prehast Other Equipment Or Processes (g) Process Heating Maintenance Program that Includes the Following: Furnace Inspections (h) Cleaning of Heat Transfer Equipment (i) Imspecting, Carbing, and Agvisting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Systems Industrial Gase Processing Operating Decision Energy Efficiency a part of Pruchasing Operating Process Heating Maintenance Program that Includes the Following: FranceIngecting Compared the main utility, revenue or supplementers Submetring Interting bences theory Operating Process Heating Maintenance Program that Includes the Following: FranceIngecting Compared the main utility, revenue or supplementers Econduct Audits to Identify Energy Submet Process Heating Intervers Extension Followed Decision Energy Chical Grad Conditions Automation Controls Deckee Electricy Consumption Interes	22.8 175 203 X 203 203 203 203 322 191 22.8 108 41.2 31.6 20.3 45.8 20.3 32.2 19.1 27.8 10.8 41.2 31.6 20.3 32.3 32.3 33.7 20.3 34.5 20.3 35.7 20.3 36.7 20.3 37.2 20.3 20.5 20.6 44.7 20.6 44.7 20.6 44.7 20.6 44.7 20.7 20.6 44.7 20.7	20.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3	12.0 20.0 27.0 20.0
325120	Person(s) Responsible for Energy Management (c) Aware of 50 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years Set Gash for Improving Energy Consumption Conduct Audits to Identify Energy Saming Opportunities Procedures to Reduce Electricity Consumption Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (f) Use Flue Gas to Prehast Other Equipment (a) Energy Efficiency and Carbon Dioxide Levels (f) Use Flue Gas to Prehast Other Equipment (a) Energy Efficiency and Carbon Dioxide Levels (f) Cleaning of Heat Transfer Equipment (f) Energy Efficiency and Carbon Dioxide Levels (f) Track the Amount of Energy Spent In Compressed Air Systems Inductaria Energy Efficiency and Carbon Dioxide Levels (f) Events to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls (f) Cleaning of Heat Transfer Equipment (f) Energy Efficiency and Carbon Dioxide Levels (f) Track the Amount of Energy Spent In Compressed Air Systems Inductaria Energy Efficiency and Carbon Dioxide Levels (f) Event of Soton Cleangers and Levels (f) Energy Efficiency and Carbon Dioxide Levels (f) Event of Soton Soton Energy Use Baseline for Comparing Energy Use In Future Years Edical Grid Exert System Cleangers Event (c) Canduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Event Inductare Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Mesure Oxgen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment (f) Energy Efficiency of All Motars Detect an Control Compressed Air Systems Effi	278 175 203 X 203 203 203 203 203 372 191 278 108 412 336 203 458 203 203 203 203 203 203 203 203	203 203 203 203 203 203 203 203 203 203	12.0 20.0 27.0 27.7 27.7 20.0
325120	Person(s) Responsible for Energy Management (c) Aware of 50 50001 Energy Efficiency a part of Purchasing Decision Energy Use Bacteries for Comparing Energy Use Bacture Years Set Goals for Improving Energy Consumption Conduct Audits to Identify Energy Sing Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricy Consumption In Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (f) Use Flue Sato Prehast Other Equipment of Processes (g) Process Healting Maintenance Program that Includes the Following: Furance Inspection. (h) Cleaning of Healt Transfer Equipment (i) Inspecting, Carbinaty, and Aysture Process Healting Equipment (j) Reeg an Inventory of All Motors Detect and Control Compressed AI relask (i) Track the Amount of Energy Spent In Compressed AI's Systems Industrial Gase Person(s) Responsible for Energy Management (c) Aware of 50 50001 Energy Use Biol Comparing Comparing Use In Future Years Energy Use Biol Controls (b) Submetring (Intering Deport In Energy Gypourt III) Exerging Comparing Comparing Use In Future Years Energy Use Biol Comparing Comparing Use In Future Years Exerging Comparing Comparing Comparing Use In Future Years Exerging Controls (b) Defined Conditions Automation Controls Device Electricy Consumption Exerging Controls (b) Defined Conditions Automation Controls Device Electricy Consumption Exerging Controls (b) Defined Conditions Automation Controls Device Electricy Consumption Exerging Controls (b) Defined Conditions Automation Controls Device Electricy Consumption Exerging Controls (b) Defined Conditions Automation Controls Device Electricy Consumption Exerging Controls (b) Defined Conditions Automation Controls Device Electricy Consumption Exerging Controls (b) Defined Conditions Automation Controls Device Electricy Consumption Exerging Controls Defined Conditions Automation Controls Device Electr	228 175 203 X 203 203 203 322 312 219 219 219 219 219 210 210 210 210 210 210 210 210	20.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3	12.0 20.0 57.7 20.0 57.7 20.0 20.0 20.0 20.0 20.0 20.0 20.0 2
325120	Person(s) Responsible for Energy Management (c) Aware of 50 50001 Energy Efficiency a part of Purchasing Decision Energy Use Backene for Comparing Energy Use Backene for Energy Use Backene for Comparing Energy Use Backene for Comparing Energy Use Backene for Energy Use Backene Equipment () Energy Use Backene for Energy Management (c) Process Hasting Maintenance Program that Includes the Following: France Inspection, Environment for Energy Use Backene Foregover Energy Use Backene Energy Use Backe	228 175 203 X 203 203 203 203 322 191 278 108 412 316 703 458 423 203 322 191 278 412 336 703 703 703 703 703 704 705 705 705 705 705 705 705 705	20.3 20.3 20.3 20.3 20.3 20.3 20.3 20.3	12.0 20.0
325120	Person(s) Responsible for Energy Management (c) Aware of 50 50001 Energy Efficiency a part of Nurchasing Decision Energy Use Bacteline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Conduct Audits to Identify Energy Samp Opportunities Procedures to Reduce Electricity Consumption Times of Critical Grid Conditions Automation Controls Deduce Electricity Consumption Times of Critical Grid Conditions Implementing (Instant, and Automating Process Healing Equipment (i) Inspecting, Calibrating, and Alguisting Process Healing Equipment (i) Inspecting, Calibrating, and Alguisting Process Healing Equipment (i) Energy Grid Electrony Consumption Interes of Critical Grid Conditions Automation Controls Index Cell Electrony Consumption Interes of Critical Grid Conditions Proceeding of Heat Transfer Equipment (i) Inspecting, Calibrating, and Alguisting Process Healing Equipment (i) Inspecting, Calibrating, and Alguisting Process Healing Equipment (i) Exerpt of Compressed A Leaks (i) Track the Amount of Energy Spent In Compressed Air Systems Inductal Gases Person(s) Responsible for Energy Management (c) Aware of IdS 05001 Energy Use Baceline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Cuantitative Goals Submetering Interform Deprocess Healing Equipment (i) Use Fue Gas to Preheat Other Equipment (i) Responsible for Energy Management (c) Aware of IdS 05001 Energy Use Baceline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Materiane Consol Componese AI Leaks (I) Track the Amount of Energy Spent In Compressed AI Systems Furnace Inspections (I) Cleaning of Heat Transfer Equipment (I) Exerge Inventory of AI Motars Dete	228 175 203 X 203 203 203 203 372 191 278 108 412 336 703 458 203 458 203 203 372 372 372 303 458 458 203 203 458 203 203 458 459 203 459 203 459 203 458 459 203 459 203 459 203 459 203 459 203 459 203 459 203 459 203 459 203 459 203 459 203 459 203 459 203 459 203 459 203 459 203 459 203 203 203 203 203 203 203 203	203 203 203 203 203 203 203 203 203 203	12.0 20.0 57.7 20.0 20.0 20.0 20.0 20.0 20.0 20.0 2
325120	Person(s) Responsible for Energy Management (c) Aware of 50 50001 Energy Efficiency a part of Nurchasing Decision Energy Use Baceline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Conduct Audits to Identify Energy Samp Opportunities Procedures to Reduce Electricity Consumption Times of Critical Grid Conditions Automation Controls Deduce Electricity Consumption Times of Critical Grid Conditions Inspecting, Calibrating, and Alguisting Process Healing Equipment (i) Energy ISE Baceling Constrained Process Healing Equipment (i) Energy ISE Baceling ISE SOOL Energy ISE Baceling For Constraing Energy Use In Future Years Et Gadis for Improving Energy Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Materiane Constrained Experiment (I) Experiment Instrained Experiment (I)	278 175 203 X 203 203 203 203 203 372 191 278 108 412 336 203 458 203 203 203 203 203 203 203 203	203 203 203 203 203 203 203 203 203 203	20.0 20.0 27.0 27.0 20.0 27.0 27.0 27.0

	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	8.8	24.9	27
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	13.5	19.0	27
	Furance Inspections (h)	36.2	11.9	31
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	40.0 52.2	13.5 13.5	27
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	26.5	13.3 19.1	30 31
	Track the Amount of Energy Spent in Compressed Air Systems	10.7	19.0	27
325193	Ethyl Alcohol			
	Person(s) Responsible for Energy Management (c)	11.8	9.3	24
	Aware of ISO 50001 Implementing ISO 50001	9.0	7.0	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	X 19.9	1.3	15
	Set Goals for Improving Energy Consumption	11.8	5.3	35
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	14.1 10.6	9.0	11
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	11.8 8.7	9.1 11.6	20
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	3.1	18.4	12
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	47.7 13.3	6.3	15
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	28.7	4.0	25
	Cleaning of Heat Transfer Equipment (i)	45.6	1.9	14
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	28.7 14.5	2.0	15
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	11.4	8.3	14
325194		5.0	10.5	-
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	0.0	0.0	(
	Implementing ISO 50001	0.0	0.0	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	0.0	0.0	
	Set Goals for Improving Energy Consumption Quantitative Goals	0.0	0.0	
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	0.0	0.0	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	0.0	0.0	
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	0.0	0.0	
	Furance Inspections (h)	0.0	0.0	
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	
	Keep an Inventory of All Motors	0.0	0.0	
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	
325199	Other Basic Organic Chemicals			
		14.6	14.4	3
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	14.6	14.8	3
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	15.3	20.4	4
	Energy Use Baseline for Comparing Energy Use in Future Years	23.7	8.2	3
	Set Goals for Improving Energy Consumption Quantitative Goals	21.4 22.3	13.0 14.9	3
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	12.9	14.5	3
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	9.3	16.7	3
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	6.7 21.5	20.6	3
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	13.9	20.4	3
	Furance Inspections (h)	27.7	10.4	4
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	33.1 37.8	10.0 9.6	3
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	20.4 13.0	10.8	3
	Track the Amount of Energy Spent in Compressed Air Systems	7.9	18.3	3
325211	Plastics Materials and Resins			
	Person(s) Responsible for Energy Management (c)	10.7	11.5	2
	Aware of ISO 50001	9.9	13.8	
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	15.1	64.2	2
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	14.3	10.9 12.6	2
	Quantitative Goals	24.2	15.8	
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	7.3	15.9	2
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	7.7	15.7	2
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	8.3	15.9	1
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	5.0	20.6	2
	Furance Inspections (h)	16.1	8.0	2
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	15.8 18.9	9.6 8.4	2
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	13.2	10.4	3
	Track the Amount of Energy Spent in Compressed Air Systems	4.8	27.4	2
325212	Synthetic Rubber			
	Person(s) Responsible for Energy Management (c)	0.0	0.0	
	Aware of ISO 50001	0.0	0.0	
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	0.0	0.0	
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	0.0	0.0	
	Quantitative Goals	0.0	0.0	
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	0.0	0.0	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	0.0	0.0	
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	0.0	0.0	
	Furance Inspections (h)	0.0	0.0	
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	0.0	0.0	
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	
325220	Artificial and Synthetic Fibers and Filaments			
		0.0	0.0	
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	0.0	0.0	
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	0.0	0.0	
	Energy Use Baseline for Comparing Energy Use in Future Years	0.0	0.0	
	Set Goals for Improving Energy Consumption	0.0	0.0	

	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Description Data Conduction Control Data Conduction	0.0	0.0	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	0.0	0.0	
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	0.0	0.0	
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	0.0	0.0	
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	0.0	0.0	
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	
25311	Nitrogenous Fertilizers			
	Person(s) Responsible for Energy Management (c)	47.8	27.7	
	Aware of ISO 50001 Implementing ISO 50001	41.8 56.2	56.2 X	
	Energy Efficiency a part of Purchasing Decision	25.2	35.8	
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	25.2 28.2	42.8 44.9	
	Quantitative Goals	25.2	25.2	
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	6.7	25.2	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	4.2	25.2	
	Measure Oxygen and Carbon Dioxide Levels (f)	46.9	51.1	
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	6.8	25.2	
	Furance Inspections (h)	66.1	40.3	
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	64.5 28.7	40.3 3.6	
	Keep an Inventory of All Motors	61.8	41.4	
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	3.1	25.2	
25312	Phosphatic Fertilizers			
515511				
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	0.0	0.0	
	Implementing ISO 50001	0.0	x	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	0.0	0.0	
	Set Goals for Improving Energy Consumption Quantitative Goals	0.0	0.0	
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	0.0	0.0	
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	0.0	0.0	
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	0.0	x	
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	
	Process Heating Maintenance Program that Includes the Following:			
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	0.0	0.0	
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	0.0	0.0	
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	x	
54	Pharmaceuticals and Medicines			
	Person(s) Responsible for Energy Management (c)	13.2	14.0	
	Aware of ISO 50001	8.0	15.2	
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	16.8 37.0	29.2	
	Energy Use Baseline for Comparing Energy Use in Future Years	14.3	14.0	
	Set Goals for Improving Energy Consumption Quantitative Goals	21.8	17.0	
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	6.1	18.3	
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	9.3	21.5	
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	7.7	25.1	
	Use Flue Gas to Preheat Other Equipment or Processes (g)	8.3	20.5	
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	25.9	10.2	
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	28.3	9.2	
	Keep an Inventory of All Motors	12.7	13.2	
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	9.1	15.5	
25412				
5412	Pharmaceutical Preparation			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	17.6	15.1	
	Implementing ISO 50001	18.3		
	Energy Efficiency a part of Purchasing Decision		29.8	
		59.4	29.8 12.9 15.3	
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	22.5 18.6	12.9 15.3 15.4	
	Energy use asseine for Comparing Energy use in Future Years Set Goals for Improving Energy Consumption Quantizative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	22.5	12.9 15.3	
	Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	22.5 18.6 26.2 4.8 15.8	12.9 15.3 15.4 16.3 15.7 18.4	
	Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Interieng Depond the main utility, revenue or supplier meter) Conduct Adults to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	22.5 18.6 26.2 4.8 15.8 13.4 11.3	12.9 15.3 15.4 16.3 15.7 18.4 20.3 18.4	
	Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controis to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Diadok Levels (1)	22.5 18.6 26.2 4.8 15.8 13.4 11.3 19.2	12.9 15.3 15.4 16.3 15.7 18.4 20.3 18.4 15.2	
	Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Insteining Energy Consumption Intervence or supplier meter) Conduct Audits to Interinity Energy Surging Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Oxgen and Carbon Dioded Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Meatemance Program that Includes the Following:	225 186 262 48 158 134 113 192 117	12.9 15.3 15.4 16.3 15.7 18.4 20.3 18.4 15.2 30.1	
	Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Interieng Depond the main utility, revenue or supplier meter) Conduct Adults to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Prevalen Other Equipment or Processes (g)	22.5 18.6 26.2 4.8 15.8 13.4 11.3 19.2	12.9 15.3 15.4 16.3 15.7 18.4 20.3 18.4 15.2	
	Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intering Depond the main utility, revewe or supplier meter) Conduct Adults to Identify Energy Suing Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Preake Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	225 186 262 48 158 134 113 192 11.7 362 304 323	12.9 15.3 15.4 16.3 15.7 18.4 20.3 18.4 15.2 30.1 12.5 9.7 13.2	
	Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intering Depond the main utility, revenue or supplier meter) Conduct Audits Interfity Energy Surging Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Diadod Levels (I) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (I)	225 18.6 26.2 4.8 13.4 11.3 19.2 11.7 36.2 30.4	12.9 15.3 15.4 16.3 15.7 18.4 20.3 18.4 15.2 30.1 12.5 9.7	
	Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intering Depond the main utility, revenue or supplier meter) Conduct Audits to Interfive fregs Synap Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Organ and Carbon Dioxide Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Impections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Inspecting, Calibrating, and Intervent (j) Inspecting, Calibrating, and Intervent (j) Inspecting	225 186 262 48 158 134 113 192 117 362 304 323 113	12.9 15.3 15.4 16.3 15.7 18.4 20.3 18.4 15.2 30.1 12.5 9.7 13.2 16.0	
25992	Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intering Depond the main utility, revewe or supplier meter) Conduct Adults to Identify Energy Suing Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Prease Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjutating Process Heating Equipment (j) Reep an Inventory of All Motors Detect and Control Compressed Al Leaks (i)	225 186 262 48 158 134 113 192 117 362 304 323 139 143	12.9 15.3 15.4 16.3 15.7 18.4 20.3 18.4 15.2 30.1 12.5 9.7 13.2 16.0 17.7	
25992	Set Goals for Improving Energy Consumption Usuntitative Goals Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Messure Oragen and Carbon Dioxide Levels (1) Usus Flue Gas to Orhead: Other Educe Electricity Consumption In Times of Critical Grid Conditions Messure Oragen and Carbon Dioxide Levels (1) Usus Flue Gas to Orhead: Other Educe Electricity Consumption In Times of Critical Grid Conditions Messure Oragen and Carbon Dioxide Levels (1) Usus Flue Gas to Orhead: Other Educe Times to Process (g) Process Habiting Maintenance Program that Includes the Following: Furance Inspections; (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Better and Control Compressed Air Leaks (1) Track the Anomuti of Energy Sperin I Compressed Air Systems Photographic Flinn, Paper, Plate, and Chemicals Person(s) Responsible for Energy Management (c)	225 186 262 48 158 134 113 192 117 362 304 323 139 143 113 113	229 153 154 163 157 184 203 203 184 152 301 225 97 152 160 177 177 183	
25992	Set Goals for Improving Energy Consumption Usuntitative Goals Usuntita	225 186 262 48 158 134 113 192 117 362 304 323 139 143 111	129 153 154 163 157 184 203 184 152 30.1 125 9.7 132 160 12.7 18.3	
25992	Set Goals for Improving Energy Consumption Quantitative Goals Submetring (Intering Depond the main utility, revewe or supplier meter) Conduct Adults to Identify Energy Surging Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Preake Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjuster Process Heating Equipment (j) Externations (control Compressed Al Leaks (l) Track the Amount of Energy Spent In Compressed Air Systems Photographic Film, Paper, Pilet, and Chemicals Person(s) Responsible for Energy Management (c) Aware of KS 0001 Implementing IGO 50001	225 186 262 48 158 134 113 192 117 362 304 223 139 143 111 243 111 245 53 218	129 153 154 163 157 184 203 184 152 301 125 9.7 132 160 17.7 132 160 17.7 132 163 25.7 21.8 X 2.3	
25992	Set Goals for Improving Energy Consumption Usuntitative Goals Usuntita	225 186 262 48 158 134 113 192 117 362 304 323 139 143 111 111 245 53 218	229 153 154 163 157 184 203 203 203 203 203 203 203 203 203 203	
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225992	Set Goals for Improving Energy Consumption Usuntitative Goals Submetring (Intering Depend the main utility, revewe or supplier meter) Conduct Adults to Identify Energy Suing Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Prease Other Equipment or Processes (g) Process heating Maintenance Program that includes the Following: France inspections(h) Cleaning of Heat Transfer Equipment (p) Imprecting, Calibrang, and Adjunter process Heating Equipment (j) Messare Grid Conditions Messare Oral Control Constructions (h) Process Process Advice Control Constructions Photographic Film, Paper, Plate, and Chemicals Perion(s) Responsible for Energy Spent in Compressed Air Systems Photographic Film, Paper, Plate, and Chemicals Responsess For Ture Program (c) Aware of SO 50001 Energy Efficiency a part of Purchaning Decision Energy Use Baseline for Compression Air Leve Parts Set Goals for Improving Energy Consumption Cleaning Consumption Cleaning Consumption Cleaning Consumption Cleaning Consumption Cleaning Consumption Cleaning Cleaning Consumption Cleaning Cleaning Consumption Cleaning Cleaning Consumption Cleaning Cleaning Cleaning Decision Energy Use Baseling Consumption Cleaning Clea	225 186 262 48 158 134 113 192 117 362 304 323 139 143 113 113 245 53 218 218 218 218 218 218 218 218 218 218	229 153 154 153 157 157 157 157 152 301 152 301 152 301 152 301 152 152 301 152 152 152 152 152 152 152 152 152 15	
25992	Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intering Depond the main utility, revenue or supplier meter) Conduct Addits to Identify Energy Subing Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Prease Other Equipment to Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspectitions, (a) Cleaning of Heat Transfer Equipment () Inspecting, Calibrand, and Adjuting Process Heating Equipment ()) Externations, and Adjutating Process Heating Equipment () Externation Compressed Air Leaks (I) Process Inspecting, Calibrand, and Adjutating Process Heating Equipment () Reep an Inventory of All Motors Detect and Cortical Compressed Air Leaks (I) Process Isono Dioxide for Energy Speet In Compressed Air Systems Protorgraphic Film, Paper, Plate, and Chemicals Person(s) Responsible for Energy Management (c) Aware of ISO S0001 Energy Use Baseline for Comparing Energy Use In Future Years Energy Hickney apart of Purchang Decision Energy Use Baseline for Comparing Energy Use In Future Years Est Goals for Improving Energy Comparing Energy Use In Future Years Est Goals for Improving Energy Comparing Energy Use Baseline for Comparing Energ	225 186 262 48 158 134 113 192 192 117 362 304 303 139 143 111 245 53 218 218 218 218 218 218 218 218 218 218	129 153 154 163 157 184 203 184 152 30.1 125 9.7 132 160 127 132 160 127 21.8 × 257 21.8 × 2.3 260 21.8 37.0 22.6	
25992	Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intering Depond the main utility, revenue or supplier meter) Conduct Addits to Identify Energy Subing Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Prehase Other Equipment to Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspectitions, (a) Cleaning of Heat Transfer Equipment () Inspecting, Calibrang, and Adjuting Process Heating Equipment ()) Externat on Inspecting, Calibrang, and Adjuting Process Heating Equipment () Externation of Compressed Air Leaks (I) Process Inspecting, Calibrang, and Adjuting Process Heating Equipment () Reep an Inventory of All Motors Detect and Control Compressed Air Leaks (I) Process Isono Intergy Spent In Compressed Air Systems Photographic Film, Paper, Plate, and Chemicals Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Energy Use Baseline for Comparing Energy Use In Future Years Energy Hickency apart of Purchang Decision Energy Use Baseline for Comparing Energy Use In Future Years Est Goals for Improving Energy Comparing Energy Use In Sumption Quantitative Goals Comparing Energy Spend the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Spaing Opportunities Procedures To Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions	225 186 262 48 158 134 113 192 117 362 304 213 143 143 143 143 143 143 143 1	129 153 154 163 157 184 203 184 152 301 125 97 132 160 127 132 160 127 218 X 257 218 X 23 260 218 370 258 218 370	
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25992	Set Goals for Improving Energy Consumption Quantitative Goals Submetring (Intering Depend the main utility, revenue or supplier meter) Conduct Adults to Identify Energy Suing Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Prehaet Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance impactional, and Adjusting Process Heating Equipment (j) Inspecting, Caliburg, and Adjusting Process Heating Equipment (j) Reeg an inventor of All Motors Detect and Control Compressed Air Laks (i) Process Process (g) Protographic Film, Paper, Plate, and Chemicals Photographic Film, Paper, Plate, and Chemicals Process (g) Sociol Energy (Efficiency a part of Purchang Decision Energy Use Busche for Compress of Air Laks (i) Energy Use Busche for Comparing Engly Use Process Heating Equipment (g) Unit Sociol Energy (Efficiency a part of Purchang Decision Energy (Efficiency a part of Purchang Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (f) Use Fue Gas to Decision Energy (Efficiency Engly Deproting Engly Process Heating Maintenance Program that Includes the Following: Furance Inspecting, Calibary Process Heating Process Heating Process (g) Process Heating Maintenance Program that Includes the Follow	225 186 262 48 158 134 113 192 117 362 304 323 139 143 113 113 245 53 25 25 267 218 218 218 218 218 218 218 218 218 218	129 153 154 163 157 184 203 184 152 301 125 9.7 132 160 17.7 132 160 17.7 132 160 17.7 133 257 218 257 218 218 218 218 218 218 218 218 218 218	
	Set Goals for improving Energy Consumption Quantitative Goals Submetting (intering beyond the main utility, revenue or supplier meter) Conduct Adults to Identify Energy Suing Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (f) Use Flue Gas to Prehase Other Equipment or Processes (g) Process: Heating Maintenance Program that Includes the Following: Furance Impections (h) Cleaning of Heat Transfer Equipment (f) Impecting, Calibating, and Adjusting Process Heating Equipment (g) Retext and Control Compressed At Leaks (f) Track the Amount of Energy Spent in Compressed At Systems Photographic Flim, Paper, Plate, and Chemicals Presco(s) Reprodise for Energy Use Instruct Vears Set Goals for Improving Energy Consumption Conduct Adults to Identify Energy Support Instruct Vears Submetting (Insteing point to Instruct Vears Submetting (Insteing point to Instruct Vears Submetting (Insteing Process Heating Equipment C) Conduct Adults Insteinfor Comparing Process Heating Consumption Dumitative Gas Submetting (Insteing Process Heating Instruct Vears Set G	225 186 262 48 158 134 113 192 117 362 304 323 139 143 113 113 245 53 218 218 218 218 218 218 218 218	129 153 154 163 157 184 203 184 152 301 125 9.7 132 160 17.7 132 160 17.7 132 160 17.7 218 257 218 257 218 228 228 228 218 218 218 218 228 228	
225992	Set Goals for Improving Energy Consumption Usuntitative Goals Process to Reduce Electricity Consumption In Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Prehael Other Equipment to Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Impacting and Aguitating and Aguitating Process Heating Equipment (g) Electra and Control Goalge Electricity Consumption In Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (g) Process Heating Maintenance Program that Includes the Following: Furance Impacting, and Aguitating Process Heating Equipment (g) Electra and Control Compressed At Fasks (g) Process Insure of All Motors Detect and Control Compressed At Fasks (g) Process Detect and Control Detect and Control Compressed At Fasks (g) Process Detect and Control Detect Electrol Control Detect and Control Contrel Control Control Control Control Control Control Control Contro	225 186 262 48 158 134 113 192 117 362 304 323 139 143 113 113 245 53 218 218 218 218 218 218 218 218	129 153 154 163 157 184 203 184 152 301 125 9.7 132 160 17.7 132 160 17.7 132 160 17.7 21.8 257 21.8 23 24 24 255 21.8 21.8 21.8 21.8 21.8 21.8 21.8 21.8	
	Set Goals for improving Energy Consumption Quantitative Goals Submetting (intering beyond the main utility, revenue or supplier meter) Conduct Adults to Identify Energy Suing Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (f) Use Flue Gas to Prehase Other Equipment or Processes (g) Process: Heating Maintenance Program that Includes the Following: Furance Impections (h) Cleaning of Heat Transfer Equipment (f) Impecting, Calibating, and Adjusting Process Heating Equipment (g) Retext and Control Compressed At Leaks (f) Track the Amount of Energy Spent in Compressed At Systems Photographic Flim, Paper, Plate, and Chemicals Presco(s) Reprodise for Energy Use Instruct Vears Set Goals for Improving Energy Consumption Conduct Adults to Identify Energy Support Instruct Vears Submetting (Insteing point to Instruct Vears Submetting (Insteing point to Instruct Vears Submetting (Insteing Process Heating Equipment C) Conduct Adults Insteinfor Comparing Process Heating Consumption Dumitative Gas Submetting (Insteing Process Heating Instruct Vears Set G	225 186 262 48 158 134 113 192 117 362 304 323 139 143 113 113 245 53 218 218 218 218 218 218 218 218	129 153 154 163 157 184 203 184 152 301 125 9.7 132 160 17.7 132 160 17.7 132 160 17.7 21.8 257 21.8 23 24 24 255 21.8 21.8 21.8 21.8 21.8 21.8 21.8 21.8	

	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	11.5 10.2	10.9	14
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	29.6	16.8	5
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	8.4	13.1	17
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	8.1 5.6	16.1 30.9	15
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	7.3	20.9 40.2	13
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	13.3	7.9	18
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	14.9	8.4	15
	Keep an Inventory of All Motors	11.0	10.0	17
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	6.1	8.8 26.5	15
7	Nonmetallic Mineral Products			
	Person(s) Responsible for Energy Management (c)	6.2	13.2	17
	Aware of ISO 50001 Implementing ISO 50001	5.6	12.3 36.9	
	Energy Efficiency a part of Purchasing Decision	17.7	5.0	19
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	9.1	11.2	12
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	24.1 3.4	15.5	
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	5.8	16.5 16.0	14
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	4.8	26.4	1
	Use Flue Gas to Preheat Other Equipment or Processes (g)	4.1	20.5	10
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	11.6	8.0	1
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (i)	11.5	8.4	14
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	7.6	10.4	11
	Track the Amount of Energy Spent in Compressed Air Systems	4.6	28.3	15
327120	Clay Building Material and Refractories			
	Person(s) Responsible for Energy Management (c)	9.2	11.8	23
	Aware of ISO 50001 Implementing ISO 50001	4.6	10.8	
	Energy Use Baseline for Comparing Energy Use in Future Years	36.4	2.9	2
	Set Goals for Improving Energy Consumption	11.8	9.0	1
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	30.9 8.0	12.6 11.1	1
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	8.1	14.4	2
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	6.0	31.2	1
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	5.2	8.7	1
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	27.6	6.8	20
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	12.6	9.1	1
	Keep an Inventory of All Motors	14.4	8.4	1
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	8.4	14.6 11.5	1
327211	Flat Glass			
	Person(s) Responsible for Energy Management (c)	0.0	0.0	
	Aware of ISO 50001 Implementing ISO 50001	0.0	0.0 X	
	Energy Efficiency a part of Purchasing Decision	0.0	0.0	
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	0.0	0.0	
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	0.0	0.0	(
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	0.0	0.0	
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	0.0	0.0	
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	0.0	0.0	
	Cleaning of Heat Transfer Equipment (i)	0.0 X	0.0	
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	0.0	0.0	
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	
327212	Other Pressed and Blown Glass and Glassware			
				6
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001			
		25.2 23.8	26.3 50.7	
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision			7
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	23.8 45.7 47.6 35.8	50.7 20.5 24.9 24.0	5
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals	23.8 45.7 47.6 35.8 14.8 36.3	50.7 20.5 24.9 24.0 23.2 25.9	5
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Interieng Beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Song Opportunities	23.8 45.7 47.6 35.8 14.8 36.3 4.9 23.8	50.7 20.5 24.9 24.0 23.2 25.9 21.0 32.7	5 2 1 5
	Energy Efficiency a part of Purchaing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (interting beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Efficiently Comsumption in Times of Critical Grid Conditions	23.8 45.7 47.6 35.8 14.8 36.3 4.9	50.7 20.5 24.9 24.0 23.2 25.9 21.0	1
	Energy Efficiency a part of Purchaing Decision Energy Use Backene for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Doubnetering (intering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Intergy Swing Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioded Levels (1)	238 457 476 358 148 363 4.9 23.8 19.6 18.6 22.3	50.7 20.5 24.9 24.0 23.2 25.9 21.0 32.7 49.3 56.8 24.0	
	Energy Efficiency a part of Purchasing Decision Energy Use Backenergy Use In Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering Intelering Report the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioded Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	238 457 476 358 148 363 49 238 196 186 223 199	50.7 20.5 24.9 23.2 25.9 21.0 32.7 49.3 56.8 24.0 38.2	5 2 1 5 3 5 5 5 5 5 5
	Energy Efficiency a part of Purchasing Decision Energy Use Backenergy Use In Future Years Set Goals for Improving Energy Consumption Conduct Audits to Identify Energy Consumption Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Diado Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment ()	238 457 476 358 148 363 49 238 196 186 223 199 421 360	50.7 20.5 24.9 23.2 25.9 21.0 32.7 49.3 56.8 24.0 38.2 28.0 30.4	5 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	Energy Efficiency a part of Purchasing Decision Energy Lise Biaseline for Comparing Energy Lise In Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intering Beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Fluic Sato Phenalt Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjustang Process Heating Equipment (ji)	238 657 676 358 148 363 49 238 196 186 223 199 186 223 199 421	50.7 20.5 24.9 23.2 25.9 21.0 32.7 49.3 56.8 24.0 38.2 	5 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	Energy Efficiency a part of Purchasing Decision Energy Use Brainer View Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intering Depond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Suing Opportunities Procedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Immes of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (1) Use Flue Sato Pheata Other Equipment or Processing Process Heating Maintenance Program that Includes the Following: Furance Inspections (1) Cleaning of Heat Transfer Equipment (1) Inspecting, Californian, and Adjusting Process Heating Equipment (1) Reep an Inventory of All Motos Detect and Control Compressed Al Leaks (1)	238 657 676 358 148 363 49 238 196 186 223 199 421 360 329 263 231	50.7 20.5 24.9 24.0 25.9 25.9 21.0 32.7 49.3 56.8 24.0 38.2 28.0 36.2 30.4 31.1 27.3 27.3	2 2 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	Energy Efficiency a part of Purchasing Decision Energy Use Braine for Comparing Energy Use Brainery Use In Future Years Set Goals for Improving Energy Consumption Countitative Goals Submetering (Intering Depond the main utility, revenue or suppler meter) Conduct Audits to Iodentify Energy Saving Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Pheata Other Equipment to Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment () Inspecting, Californian, and Adjuster Process Heating Equipment ()) Reep an Inventory of All Motors Detect and Control Compressed Al Leaks (I) Track the Amount of Energy Spent In Compressed Air Systems	238 657 476 358 148 963 49 238 19.6 18.6 22.3 19.9 42.1 36.0 32.9 26.3	50.7 20.5 24.9 24.0 23.2 25.9 21.0 31.7 49.3 56.8 24.0 38.2 28.0 30.4 31.1 27.3	2 2 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
27213	Energy Efficiency a part of Purchasing Decision Energy Use Brainer View Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intering Depond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Suing Opportunities Procedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Immes of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (1) Use Flue Sato Pheata Other Equipment or Processing Process Heating Maintenance Program that Includes the Following: Furance Inspections (1) Cleaning of Heat Transfer Equipment (1) Inspecting, Californian, and Adjusting Process Heating Equipment (1) Reep an Inventory of All Motos Detect and Control Compressed Al Leaks (1)	238 657 676 358 148 363 49 238 196 186 223 199 421 360 329 263 231	50.7 20.5 24.9 24.0 25.9 25.9 21.0 32.7 49.3 56.8 24.0 38.2 28.0 36.2 30.4 31.1 27.3 27.3	5 2 3 5 5 5 5 5 5 5 4 3 3 4 4 5 5 5 5 5
27213	Energy Efficiency a part of Purchasing Decision Energy Use Braine for Comparing Energy Use Brainery Use In Future Years Set Goals for Improving Energy Consumption Countitative Goals Submetering (Intering Depond the main utility, revenue or suppler meter) Conduct Audits to Iodentify Energy Saving Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Pheata Other Equipment to Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment () Inspecting, Californian, and Adjuster Process Heating Equipment ()) Reep an Inventory of All Motors Detect and Control Compressed Al Leaks (I) Track the Amount of Energy Spent In Compressed Air Systems	238 657 676 358 148 63 49 238 196 186 213 199 421 360 329 263 211 183	507 205 249 240 232 259 230 240 232 259 230 240 349 349 340 340 331 331 280 304 331 221 221 221 221 205	5 2 1 5 3 3 5 5 5 5 4 4 3 3 4 4 5 5 5 5 5
27213	Energy Efficiency a part of Purchasing Decision Energy Use Bradine for Comparing Energy Use Bradine Visure Years Set Goals for Improving Energy Consumption Countitative Goals Submetering (Intering Depond the main utility, revenue or suppler meter) Conduct Adults to Interlify Energy Submetering (Intering Depond the main utility, revenue or Suppler meter) Conduct Adults to Interlify Energy Submetering (Intering Depond the Main Depond the Main Depond the Main Depond the Main Conduct Adults to Proceedings and Carbon Dioxide Levels (I) User Flue Gas to Protech Other Equipment to Process (g) Process Heating Maintenance Program that Includes the Following: Furance Impections (h) Cleaning of Heat Transfer Equipment (i) Reega in Invertion of All Motors Reega an Invertion of All Motors Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems Glass Containes Person(s) Responsible for Energy Management (c) Aware of SO 50001	238 657 676 358 148 63 63 49 238 196 186 223 199 421 360 329 263 211 183 00 00 00	50.7 20.5 24.9 23.2 25.9 23.0 23.0 23.7 24.0 23.0 23.7 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0	5 2 1 5 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
327213	Energy Efficiency a part of Purchasing Decision Energy Use Brainer View Farture Years Energy Use Brainer For Comparing Tenergy Use In Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Interfring Yeange Opportunities Conduct Adults to Iodentify Energy Samp Opportunities Procedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Immes of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Fluid Saits Orhead Other Equipment to Processes (g) Process Healing Maintenance Program that Includes the Following: Furance Ingractions (1) Cleaning of Heat Transfer Equipment (1) Reega an Invention of All Motors Rees and Control Compressed Art Leaks (1) Track the Announ of Energy Spent In Compressed Art Systems Glass Container Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseling For Comparing Energy Use In Future Years	238 657 676 358 148 363 49 238 196 186 223 199 421 360 329 263 223 231 183 241 360 329 263 211 183 00 00 00 00	507 205 249 240 212 259 210 210 210 210 210 210 210 210 210 210	5 22 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
27213	Energy Efficiency a part of Purchasing Decision Energy Use Brainery Use In Future Years Set Goals for Improving Energy Consumption Countrative Goals Submetering (Intering Reynor the main utility, revenue or supplier meter) Conduct Adults In Goard Years Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Prevale Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections, (a) User Ling Gas to Prevale Other Equipment (a) Cleaning of Heat Transfer Equipment (i) Imprecting, Calabrain, and Adjuster Process Heating Equipment (j) Reeg an Inventory of All Motors Detect and Control Compressed Air Systems Gilss Contained Gilss Contained Prescoils Process To Sob001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline For Comparing Energy Use In Ture Versas Set Goals for Improving Energy Consumption	238 657 476 358 148 363 49 238 196 186 223 199 421 360 329 263 223 229 263 231 183 00 00 00 00 00 00	50.7 20.5 24.9 23.0 23.2 25.9 23.0 24.0 23.2 25.9 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0	5 2 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
227213	Energy Efficiency a part of Purchasing Decision Energy Use Bisfurture Years Energy Use Bisfurt Pressy Sense The Years Energy Use Bisfurt Pressy Bisfurt Energy Use Bisfurt Energy Use The Years Energy Use Bisfurt Energy Use The Years Energy Use Bisfurt Energy Use Pression Energy Use Bisfurt	238 657 676 358 148 363 49 238 196 186 223 199 421 360 329 263 223 199 263 223 199 263 223 199 263 223 183	50.7 20.5 24.9 25.2 25.9 21.0 32.7 40.3 55.8 24.0 34.7 35.8 24.0 36.4 30.4 31.1 27.3 20.5 20.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5 2 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
227213	Energy Efficiency a part of Purchasing Decision Energy Life Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Interim Beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Immes of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Sato Pheate Other Equipment or Processes (g) Processes (and the Audits Process Heating Equipment (j) Inspecting, Califorating, and Adjusting Process Heating Equipment (j) Energy Energy Management (c) Aware of IdS Dotol Person(j) Responsible for Energy Management (c) Aware of IdS Dotol Energy Consparing Energy Use In Future Years Set Goals for Improving Energy Cosumption Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Cosumption Densy Efficiency apart of Purchasing Decision Energy Efficiency apart of the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Saving Opportunities Procedine To Reduce Electrichis (Consumption Times of Critical Grid Cond	238 657 676 358 148 363 49 238 196 186 223 199 421 360 329 263 223 199 263 223 199 263 223 199 263 223 183	50.7 20.5 24.9 25.2 25.9 21.0 32.7 40.3 55.8 24.0 34.7 35.8 24.0 34.7 35.8 24.0 36.4 30.4 30.4 30.4 30.4 30.4 30.4 30.4 30	
227213	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Future Years Set Gash for Improving Energy Consumption Countitative Gash Submetering (Interient Beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Samp Opportunities Procedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Immes of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Pheate Other Equipment (1) Imspecting, Californian, and Adjusting Process Heating Equipment (1) Exercised Transfer Equipment (2) Fraces Imspections, Californian (2) Exercised Comparing Energy Lean Equipment (2) Fraces Imspecting, Californian, and Adjusting Process Heating Equipment (1) Exercised Comparing, and Adjusting Process Heating Equipment (1) Exercised Comparing, and Adjusting Process Heating Equipment (2) Fraces Imspecting, Californian, and Adjusting Process Heating Equipment (2) Fraces Imspecting, Californian, and Adjusting Process Heating Equipment (2) Fraces Imspecting, Californian, and Adjusting Process Heating Equipment (2) Fraces Imspecting, Californian, and Adjusting Process Heating Equipment (2) Fraces Imspecting, Californian, and Adjusting Process Heating Equipment (2) Fraces Imspecting, Californian, and Adjusting Process Heating Equipment (2) Fraces Imspecting, Californian, and Adjusting Process Heating Equipment (2) Fraces Imspecting, Californian, Bergy Usen Informer Strenger Strenger View Process Heating Research Heating Process Heating H	238 657 676 358 148 363 49 238 196 186 223 199 421 360 329 263 223 199 263 223 199 263 223 231 183	50.7 20.5 24.9 25.2 25.9 21.0 32.7 40.3 55.8 24.0 34.7 35.8 24.0 34.7 35.8 24.0 34.7 35.8 24.0 34.7 34.3 35.8 24.0 34.7 34.7 34.7 34.7 34.7 34.7 34.7 34.7	
227213	Energy Efficiency a part of Purchasing Decision Energy Use Brainery Use In Future Years Get Gals for Improving Energy Consumption Guantitative Gals Guantit	238 657 476 358 148 363 49 238 196 186 223 199 421 360 329 263 211 231 183 231 231 263 243 243 243 243 243 243 243 243 243 24	50.7 20.5 24.9 24.0 23.2 25.9 21.0 32.7 49.3 56.8 24.0 36.4 36.4 36.4 36.4 36.4 36.4 36.4 36.4	
227213	Energy Efficiency a part of Purchasing Decision Energy Use Brainery Use In Future Years Set Goals for Improving Energy Consumption Countrative Goals Submetering (Intering Reynory the main utility, revenue or supplier meter) Conduct Adults to Identify Energy Surge Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Phereal Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Improcessor (G) Responsible for Energy Management (c) Responsible for Energy Management (c) Responsible for Energy Management (c) Responsible for Schergy Amagement (c) Responsible for Schergy Amagement (c) Responsible for Schergy Management (c) Respo	238 657 676 358 148 363 49 238 196 186 223 195 421 360 229 263 223 243 223 243 223 243 223 243 223 243 223 243 223 243 223 243 223 243 20 20 20 20 20 20 20 20 20 20 20 20 20	50.7 20.5 24.9 24.0 23.2 25.9 21.0 32.7 49.3 55.8 24.0 36.4 36.4 31.1 27.3 24.5 20.5 20.5 20.5 20.5 20.5 20.5 20.5 20	
227213	Energy Efficiency a part of Purchasing Decision Energy Use Brainery Use In Future Years Set Goals for Improving Energy Consumption Countrative Goals Submetering (Intering Reynory the main utility, revenue or supplier meter) Conduct Adults to Identify Energy Surge Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Messure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Pheade Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Improved Transfer Equipment (i) Inspecting, Calabrating, and Aguing Process Heating Equipment (j) Reeg an Inventory of All Motors Elected and Compressed A Leaks (1) Track the Amount of Energy Management (c) Awarr of So 20001 Energy Efficiency a part of Purchasing Decision Energy Use Basine for Comparise A Leaks (1) Ener	238 657 676 358 148 363 49 238 196 186 223 199 421 360 329 263 211 183 231 183 00 00 00 00 00 00 00 00 00 00 00 00 00	50.7 20.5 24.9 24.0 23.2 25.9 21.0 32.7 49.3 55.8 24.0 36.4 36.4 31.1 27.3 24.0 30.4 31.1 27.3 20.5 00 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	5 2 2 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5
127213	Energy Efficiency a part of Purchasing Decision Energy Life Biastine for Comparing Energy Use In Future Years Set Gash for Improving Energy Consumption Submetering (Interieng Beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Immes of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (1) Use Flue Sato Phenalt Other Equipment or Processes (g) Proceshirating, and Adjusting Process Healing Equipment (1) Inspecting, Californian, and Adjusting Process Healing Equipment (1) Exerct Compressed Al Leaks (1) Track the Amount of Energy Spent In Compressed Air Systems Glass Containers Person(1) Responsible for Energy Management (c) Aware of IDS 05001 Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Comparing Energy Use In Future Years Set Goals for Improving Energy Comparing Energy Use In Future Years Set Goals for Improving Energy Comparing Energy Use In Future Years Set Goals for Improving Energy Comparing Energy Use In Future Years Set Goals for Improving Energy Comparing Energy Use In Future Years Set Goals for I	238 657 676 358 148 363 49 238 196 186 223 199 421 360 329 263 223 199 263 223 199 263 223 199 263 223 231 183	50.7 20.5 24.9 24.0 25.2 25.9 21.0 32.7 40.3 35.8 24.0 34.7 34.0 34.7 35.8 24.0 34.7 34.0 34.7 35.8 24.0 30.4 30.4 31.1 27.3 20.5 20.5 20.5 20.5 20.5 20.5 20.5 20.5	5 2 3 3 5 5 5 5 4 4 3 4 4 5 5 5 5 5
227213	Energy Efficiency a part of Purchasing Decision Energy Life Backelle for Comparing Energy Use In Future Years Set Goals for Improving Energy Consumption Countitative Goals Submetering (Interim Beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption Immes of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Immes of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process, Hasting Maintenance Program that Includes the Following: Furance inspections, (a) Cleaning of Heat Transfer Equipment (i) Inspecting, Californian, and Adjusting Process Heating Equipment (i) Responsible for Energy Spent In Compressed Air Systems Glass Containers Person(i) Responsible for Energy Management (c) Aware of IGS 05001 Energy Use Baseline for Comparing Energy Use In Future Years Set Goals for Improving Energy Comparing Energy Use In Future Years Set Goals for Improving Energy Comparing Energy Use In Future Years Set Goals for Improving Energy Comparing Energy Use In Future Years Set Goals for Improving Energy Cost In Future Years Set Goals	238 657 676 358 148 363 49 238 196 128 223 199 421 360 329 263 223 231 183 00 00 00 00 00 00 00 00 00 00 00 00 00	50.7 20.5 24.9 24.0 25.2 25.9 21.0 32.7 40.3 35.8 24.0 34.7 35.8 24.0 34.7 34.3 35.8 24.0 34.7 34.3 24.0 34.7 34.3 24.0 34.7 24.0 34.0 34.0 34.0 34.0 34.0 34.0 34.0 3	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

	Aware of ISO 50001 Implementing ISO 50001	6.3	17.8	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	30.0	7.5	32.5
	Set Goals for Improving Energy Consumption	14.1 13.0	17.6	20.
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	47.1	23.3 19.2	7.
	Conduct Audits to Identify Energy Saving Opportunities	9.8	20.0	27.
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	5.5	21.9	36.
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	5.1	34.1	22.
	Process Heating Maintenance Program that Includes the Following:	18.7	12.2	25.
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	18.7	12.2	24.
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	19.7 11.6	12.3 16.2	22.
	Detect and Control Compressed Air Leaks (I)	12.8	16.0	26.
	Track the Amount of Energy Spent in Compressed Air Systems	5.8	10.6	31.
327310	Cements			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	32.9 34.9	29.3	53.
	Implementing ISO 50001	34.9 37.5	62.6	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	95.3	7.5	29. 50.
	Set Goals for Improving Energy Consumption	81.0 29.2	30.8	54.
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	41.2	31.3	23.
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	32.1 36.0	29.3 29.6	43.
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	30.0	30.1 29.2	45
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	34.5	29.2	57.
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	42.2	29.5	58
	Cleaning of Heat Transfer Equipment (i)	33.4	29.6	52
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	44.2 65.4	10.3 30.9	29. 59.
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	17.4	29.7	29.
		13.0	20.0	
327410	Lime			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	0.0	0.0	0.
	Implementing ISO 50001	0.0	0.0	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	0.0 X	0.0	0
	Set Goals for Improving Energy Consumption Quantitative Goals	0.0	0.0	0
	Submetering (metering beyond the main utility, revenue or supplier meter)	0.0	0.0	
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	0.0	0.0	0
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	0.0	0.0	0
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	0.0	0.0	0
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.
327420				
52/420	Gypsum			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	16.0	16.7	16.
	Implementing ISO 50001	16.0	16.0	63.
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	64.6 51.0	18.0 18.3	19.
	Set Goals for Improving Energy Consumption Quantitative Goals	55.3 23.2	18.1 20.9	20.
	Submetering (metering beyond the main utility, revenue or supplier meter)	33.9	16.3	
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	25.4 18.8	15.7 43.7	16. 52.
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	17.0	16.0 17.1	50. 16.
	Use Flue Gas to Preheat Other Equipment or Processes (g)	9.0	16.6	16.
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	25.7	16.5	57
	Cleaning of Heat Transfer Equipment (i)	13.3	16.5	16
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	25.5	16.3 18.1	16
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	16.1	25.2	16.
227002				
327993	Mineral Wool			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	25.2 24.2	32.2	32
	Implementing ISO 50001	19.6	20.8	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	46.0 39.6	27.3	34
	Set Goals for Improving Energy Consumption Quantitative Goals	30.0 79.8	17.7	30
	Submetering (metering beyond the main utility, revenue or supplier meter)	6.7	21.9	25
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	12.2 25.1	28.5 27.0	31
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	7.6	20.8	30
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	15.8 9.6	25.2 25.0	31
			21.9	31
	Process Heating Maintenance Program that Includes the Following:			51
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	27.1 32.8	23.6	
	Furance Inspections (h)		23.6 19.2 10.1	31
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Al Leaks (i)	32.8 39.1 26.3 25.4	19.2 10.1 17.4	31 35 35
	Furance Inspections (h) Cleaning of Hear Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Al Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems	32.8 39.1 26.3	19.2	31 35 35
31	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Al Leaks (i)	32.8 39.1 26.3 25.4	19.2 10.1 17.4	31 35 35
31	Furance Impactions (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Reega an Inventory of AII Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Primary Metals Person(s) Responsible for Energy Management (c)	32.8 39.1 26.3 25.4 8.8 3.6	19.2 10.1 17.4 20.8 5.0	30. 31. 35. 35. 31. 12.
31	Furance Impactions (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Reega an Inventory of AII Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Fenergy Spent in Compressed Air Systems Primary Metals Person(s) Responsible for Energy Management (c) Aware of SIO 50001 Implementing IS 50001	328 391 263 254 88 3.6 4.0 6.2	19.2 10.1 17.4 20.8 5.0 5.7 20.2	31 35 35 31
31	Furance Imspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (i) Reega an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Primary Metals Person(s) Responsible for Energy Management (c) Aware of ISS 20001	32.8 39.1 26.3 25.4 8.8 3.6 4.0	19.2 10.1 17.4 20.8 5.0 5.7	31 35 35 31 12
31	Furance Imspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Reega an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Primary Metals Primary Metals Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 50001 Energy Hicleary a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use I Asture of ISO 50001 Energy Use Baseline for Comparing Energy Use I Asture of ISO 50001 Energy Use Baseline for Comparing Energy Use I Asture of ISO 50001 Energy Use Baseline for Comparing Energy Use I Asture I Asture Of ISO 50001 Energy Use Baseline for Comparing Energy Use I Asture I	328 391 263 254 88 3.6 4.0 6.2 16.4 6.1 4.6	19.2 10.1 17.4 20.8 5.0 5.7 20.2 3.2 4.8 5.5	31 35 35 31 12 12 15 8 9 9
31	Furance Impactions (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Reega an Inventory of AII Motors Peters and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Primary Metals Primary Metals Person(s) Rasponsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 50001 Implementing ISO 50001 Energy Use Baseline for Comparing Energy Use In Autors and roll Metals Energy Use Baseline for Comparing Energy Use In Future Years Est Goals for Improving Energy Comparing Intergruption Quantitative Goals Submetering (Interling Beyond the main utility, revenue or supplier meter)	328 391 263 254 88 36 40 62 164 61 46 113 24	19.2 10.1 17.4 20.8 5.0 5.7 20.2 3.2 4.8 5.5 6.7 4.5	31 35 35 31 12 12 15 8 9 9 2
31	Furance Imspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Reega in Inventory of AII Motors Detect and Control Compressed Air Leaks (l) Track the Amount of Energy Spent in Compressed Air Systems Primary Metals Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 5001 Energy Efficiency a part of Purchasing Decision Energy Use Bailentie for Comparing Leaks Set Goals for Improving Energy Consumption Countitative Goals Submetering (Imetering Expend the main utility, revenue or supplier meter) Conduct Adults to Identify Energy Sang Opportunities	928 991 263 254 88 3.6 4.0 6.2 164 6.1 4.6 11.3	19.2 10.1 17.4 20.8 5.0 5.7 20.2 3.2 4.8 5.5 6.7	31 35 35 31 12 12 15 8 8 9 2 2
31	Furance Impactions (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Reeg an Inventory of AII Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Primary Metals Person(s) Responsible for Energy Management (c) Aware of SiO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Balactine for Company Energy Leah Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetring (metering bend) the main utility, revenue or suppler meter) Conduct Adults to Identify Energy Song Opportunitie Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	928 391 263 254 68 36 40 62 164 61 46 113 24 34 43 26	192 10.1 17.4 20.8 5.0 5.7 20.2 3.2 4.8 5.5 6.7 4.5 5.5 6.7 4.5 5.9 5.1 6.8	31 35 35 31 12 12 15 8 9 2 2 10 11
31	Furance Impactions (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Reeg an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Primary Metals Primary Metals Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Energy Ticlenery a part of Purchasing Decision Energy Ticlenery a part of Purchasing Decision Energy Ticlenery and of Purchasing Decision Energy Ticlenery Energy Comparing Energy Comparing Energy Comparing Energy Ticlenery Comduct Audits to Identify Fuergy Saving Opportunities Procedures to Bedue Electrich Comparing For Status Parts Procedures to Bedue Electrich Comparing For Status Parts Procedures to Bedue Electrich Comparing For Status Parts Print Parts Prin	228 391 263 254 88 36 40 62 164 61 46 113 24 34 43	19.2 10.1 17.4 20.8 5.0 5.7 20.2 3.2 4.8 5.5 6.7 4.5 5.9 5.1	31 35 35 31 12 12 15 8 8 9 9 2 2 10 10 11 11
31	Furance Impactions (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Reeg an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Primary Metals Primary Meta	328 391 263 254 88 36 40 62 164 61 164 61 164 61 24 34 34 34 43 26 41 30	192 101 174 208 50 57 202 32 48 55 6.7 4.5 5.9 5.1 6.8 6.0	31 35 35 31 12 12 15 8 8 9 9 2 2 10 11 11 11 8 8 9
31	Furance Impactions (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Reeg an Inventory of All Motors Detect and Control Compressed Air Leaks (i) Track the Amount of Energy Spent in Compressed Air Systems Primary Metals Primary Metal	228 391 263 254 88 36 40 62 164 61 46 113 24 34 45 124 34 43 26 41 30 20 82	192 101 174 208 50 57 202 32 32 48 45 55 55 55 55 51 68 60 69 37 41	31 35 35 31 12 12 15 8 9 9 2 2 10 111 111 8 8 9 9 2 2 10 111 11 8 9 9 9 9 9 2 2 10 112 112 112 112 112 112 112 112
31	Furance Impactions (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Reeg an Inventory of AII Motors Detect and Control Compressed Air Leaks (l) Track the Amount of Energy Spent in Compressed Air Systems Primary Media Person(s) Responsible for Energy Management (c) Aware of Sto Sto001 Implementing (SD 50001 Energy Efficiency a part of Purchasing Decision Energy Use Bailottic Compressed Air Leaks Person(s) Responsible for Energy Management (c) Aware of Sto Sto001 Energy Efficiency a part of Purchasing Decision Energy Efficiency a part of Purchasing Oportunities Submetring (Interling Inergy Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (f) Use Flue Sta to Phenda Uther Equipment or Processes (g) Process Heating Mainterance Program that Includes the Following: Furance Inspections (h)	928 991 263 254 68 36 40 62 164 61 45 113 24 34 43 26 41 30 120	192 101 174 208 50 5.7 202 4.8 5.5 6.7 4.5 5.9 5.1 6.8 6.0 6.9 3.7	31 35 31 12 12 15 8 9 9 2 2 10 111 11 11 8 8 9 9 2 2 10 0 11

331110	Iron and Steel Mills and Ferroalloys			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	3.2	2.4	3.2
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	3.2	3.2	
	Energy Use Baseline for Comparing Energy Use in Future Years	3.2	2.3	3.2 3.2 3.2
	Set Goals for Improving Energy Consumption Quantitative Goals Constraint of the analysis of th	3.2	3.2 3.6	2.0
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Description to Description Constraints in Times of College Cold Constitution	3.2	5.2	3.2
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	3.2	8.8 4.8	3.2
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	2.3	3.2	3.2
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	3.2	1.3	3.2
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	9.4 3.2	3.2	3.2
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	3.2 4.0	2.0 3.2	3.2
3312	Track the Amount of Energy Spent in Compressed Air Systems Steel Products from Purchased Steel	1.6	3.2	3.2
3312	Person(s) Responsible for Energy Management (c)	13.5	19.1	27.4
	Aware of ISO 50001	13.7	16.0	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	41.5	12.1	36.2
	Set Goals for Improving Energy Consumption Quantitative Goals Quantitative Goals Quantitative Goals	15.4 31.7	17.7 20.8	22.0
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	7.6	17.9	26.4
	Automation Contenting There by awing opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	10.9	17.9	31.4
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	10.9	18.2	21.8
	Process Heating Maintenance Program that Includes the Following:	22.8	14.0	22.5
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	20.6	14.3	23.5
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	23.9 21.8 14.4	13.9 13.3 16.9	21.6 29.5 26.8
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	14.4 10.2	37.2	26.8
3313	Alumina and Aluminum			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	4.4	5.0	5.6
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	6.7	3.2	
	Energy United by a for or Partialing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	7.7	4.9	14.5
	Set does to improving Energy consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	4.4	5.2	2.3
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	5.2	5.8	11.5
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	1.6	6.2	5.0
	Use Flue Gas to Preheat Other Equipment or Processes (g)	3.9	6.8	8.9
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	25.5	5.9	8.1
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	27.4	4.9	16.2
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	6.9	10.5	6.3
331314	Secondary Smelting and Alloying of Aluminum		3.4	
	Person(s) Responsible for Energy Management (c)	0.0	0.0	0.0
	Aware of ISO 50001 Implementing ISO 50001	0.0	0.0	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	0.0	0.0	0.0
	Set Goals for Improving Energy Consumption	0.0		0.0
	Quantitative Goals	0.0	0.0	0.0 0.0 0.0
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
	Submetering (metering beyond the main utility, revenue or suppler meter) Conduct Audits to dentify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxyger and Carbon Dioxide Levels (f)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0
	Submetering (metering beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity: Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity: Consumption in Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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	Submetering (metering beyond the main utility, revenue or suppler meter) Conduct Audits to dentify Energy Swing Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Control to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oragen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Invertoury of All Motors	00 00 00 00 00 00 00 00 00 00 00 00 00	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
	Submetering (metering beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (1) Use Flue Gas to Prehast Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furance inspections (h) Cleaning of Heat Transfer Equipment (j) Cleaning of Heat Transfer Equipment (j)	00 00 00 00 00 00 00 00 00 00 00 00 00	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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	Subnetering (metering beyond the main utility, revenue or suppler meter) Conduct Autis to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Drehard Other Equipment of Processes (g) Process Heating Maintenance Program that includes the Following: Furance inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Aubiting Process Heating Equipment (j) Cleaning of Heat Transfer Equipment (a) Inspecting, Calibrating, and Aubiting Process Heating Equipment (j) Cleaning of Heat Transfer Equipment (a) Inspecting, Calibrating, and Aubiting Process Heating Equipment (j) Cleaning of Heat Transfer Equipment (a) Inspecting, Calibrating, and Aubiting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Cortor Compressed Air Leaks (h) Track the Amount of Energy Management (c) Aware of ISO 50001 Implementing ISO 50001 Implementing ISO 50001 Conduct Aubit of Sology and Decision Energy Efficiency apart of Purchasing Decision Energy Chicinecy Comparing Energy Chicine Interes of Critical Crist Conditions Measure Organ and Carbon Dioxide Levels (f) Use Hue Attact to Beathy Electricity Communition Interes of Critical Crist Conditions Measure Organ and Carbon Dioxide Levels (f) Use Flue Atta Transfer Equipment of Processes (g) Process Heating Maintenance Program that includes the Following: Furance Inspections (h) Cleaning of Heat Transfer Equipment (c) Measure Oxygen and Carbon Dioxide Levels (f) Track the Amount of Energy Management (c) Aware of ISO 50001 Energy Efficiency apart of Purchasing Deci	00 00 00 00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00 00 00 00	000 000 000 000 000 000 000 000 000 00
	Subnetering (metering beyond the main utility, revenue or suppler meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Drehard Other Equipment of Processes (g) Process Heating Maintenance Program that includes the Following: Furance inspections (h) Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Auditing Process Heating Equipment (j) Cleaning of Heat Transfer Equipment (a) Inspecting, Calibrating, and Auditing Process Heating Equipment (j) Externation Compensed Air Leaks (h) Track the Amount of Energy Spent In Compressed Air Systems Auminum Sheet, Plate and Folis Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 50001 Implementing ISO 50001 Implementing ISO 50002 Inspecting, Calibrating, Comparing Energy Use in Future Years Set Coals for Unchasing Decision Energy Efficiency apart of Purchasing Decision Energy (Efficiency Comparing Energy Use in Future Years Set Coals for Importing Energy Cuee Instrue Years Set Coals for Importing Energy (Set Instrue Years Set Coals for Instrume Keeting Communition Immes of Critical Critic Conditions Masaure Orgen and Carbon Dioxide Levels (f) Use File Gas to Identify Energy Saming Opportunities Procedures to Portheat Other Critical Set Coals (f) Process Heating Maintenance Program that Includes the Fol	00 00 00 00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00 00 00 00	000 000 000 000 000 000 000 000 000 00
	Subnetring (metering beyond the main utility, revenue or suppler meter) Conduct Autis to identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f) User Fluc Sato Drehard Other Equipment or Processes (g) Process Iseating Maintenance Program that Includes the Following: Furance inspections (h) Cleaning of Heat Transfer Equipment (i) Impecting, Calibraring, and Auging Process Heating Equipment (j) Response International Compensation (i) Impecting, Calibraring, and Auging Process Heating Equipment (j) Response Inventory of All Moors Detect and Control Compensed Air Leaks (h) Track the Annount of Energy Spent In Compressed Air Systems Auminum Sheet, Plate and Folls Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Company Energy Use In Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetring (metering beyond the main utility, revenue or suppler meter) Conduct Audits In Genergy Management (c) Automation Conto Decision Energy Use In Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetring (metering beyond the main utility, revenue or suppler meter) Conduct Audits In Genergy Tears (t) Energy Consumption Quantitative Goals Submetring Interiority Decision Energy Consumption Toroduct Audits In Genergy Consumption Quantitative Goals Submetring Interiority Decision Electricity Consumption In Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f) Use Fluc Sato Is dentify Energy Consumption I Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f) Use Fluc Sato Is Defaue Electricity Consumption I Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f) Use Fluc Sato Is Defaue Electricity Consumption I Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f) Use Fluc Sato Is Defaue Electric	00 00 00 00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00 00 00 00	000 000 000 000 000 000 000 000 000 00
	Submetring (metering beyond the main utility, revenue or suppler meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f) User Fluc Sato Drehard Other Carbon Dioxide Levels (f) User Fluc Sato Drehard Other Carbon Dioxide Levels (f) Cleaning of Heat Transfer Equipment (f) Imspecting, Calibrating, and Auditing Process Heating Equipment (f) Cleaning of Heat Transfer Equipment (f) Cleaning of Heat Transfer Equipment (f) Imspecting, Calibrating, and Auditing Process Heating Equipment (f) Detect and Cortical Compressed Air Leaks (f) Track the Amount of Energy Spent In Compressed Air Systems Auminum Sheet, Plate and Fols Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 50001 Implementing ISO 50001 Implementing ISO 50001 Implementing ISO 50001 Comparing Implement on Processes (g) Process Heating Maintenance Program that Includes the Following: Proceeding Implementing ISO 50001 Implementing ISO 50001 Implementing ISO 50001 Implementing ISO 50001 Conduct Audits to Identify Energy Saving Opportunities Procedures Robus Detecting Deproduct Heating Implement (f) Conduct Audits to Identify Energy Saving Opportunities Procedures Robus Detection Processes (g) Process Heating Maintenance Program that Includes the Following: Procedures Robus Detection Process (g) Process Heating Maintenance Program that Includes the Following: Praces (g) Process Heating Equipment (f) Process Heating Maintenance Program that Includes the Following: Praces (g) Process Heating Comparing Energy Use Institute Years Set Goals for Intergy Mainger Process Heating Equipment (f) Process Heating Maintenance Program that Includes the Following: Process Heating Maintenanc	00 00 00 00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00 00 00 00	000 000 000 000 000 000 000 000 000 00

	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	12.7	17.0	15.3
3314	Nonferrous Metals, except Aluminum			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	9.3	13.3 13.8	28.7
	Implementing ISO 50001	14.5	56.4	37.7
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	27.4 18.8	8.2 11.4	19.8
	Set Goals for Improving Energy Consumption Quantitative Goals	11.0	14.1	21.2
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	6.0	14.5	21.9
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	10.7 7.3	13.8 16.9	24.8
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	9.2	13.3	21.8
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	7.7	15.5	23.7
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	26.1 20.9	9.9 10.7	21.8 20.1
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	30.7	9.8	23.4
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	10.4	10.8 14.7	29.0 28.8
	Track the Amount of Energy Spent in Compressed Air Systems	7.4	16.0	27.7
331410	Nonferrous Metal (except Aluminum) Smelting and Refining			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	13.2	26.2	26.2
	Implementing ISO 50001	26.2	26.2	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	26.2 26.2	6.9 18.2	26.2 26.2
	Set Goals for Improving Energy Consumption Quantitative Goals	26.2 26.2	26.2	25.4 4.9
	Submetering (metering beyond the main utility, revenue or supplier meter)	11.4	26.2	
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	26.2	26.2	22.4 26.2
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	9.4	26.2 26.2	26.2 26.2
	Use Flue Gas to Preheat Other Equipment or Processes (g)	6.4	26.2	26.2
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	26.2	9.0	26.2
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	26.2 26.2	13.0	26.2
	Keep an Inventory of All Motors	26.2	13.6	26.2
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	12.3 7.9	26.2	26.2 26.2
3315	Foundries			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	4.6 6.8	10.0 10.6	24.3
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	11.6 33.4	38.1	28.9
	Energy Use Baseline for Comparing Energy Use in Future Years	8.8	9.4	15.5
	Set Goals for Improving Energy Consumption Quantitative Goals	7.0 16.9	10.6	19.1 4.0
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	3.6 5.0	9.2	22.6
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	7.2	9.5	21.1
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	4.3 6.7	13.3 12.8	20.2 15.3
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	4.9	14.7	17.6
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	23.9	6.0	22.4 18.0
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	24.4	5.8	21.6
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	9.7	9.3	19.8
	Track the Amount of Energy Spent in Compressed Air Systems	5.0	11.6	20.7
331511	Iron Foundries			
	Person(s) Responsible for Energy Management (c)	20.4	21.8	44.7
	Aware of ISO 50001 Implementing ISO 50001	19.1 22.6	20.7	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	57.3 22.7	13.4 17.9	67.2 46.0
	Set Goals for Improving Energy Consumption	20.3	19.5	51.3
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	18.8	25.6	8.0
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	19.4 26.3	21.8 18.2	56.6 50.0
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	16.5	20.2	48.2
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	16.6	28.7 20.6	34.3 38.1
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	35.3	17.9	50.0
	Cleaning of Heat Transfer Equipment (i)	26.3	16.5	37.2
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	27.3 27.7	18.0	49.1 46.9
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	20.3	19.6	51.5 42.7
331523	Nonferrous Metal Die-Casting Foundaries			
331523				
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	8.7	14.2	24.0
	Implementing ISO 50001	15.8	71.1	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	46.9 18.0	9.1 10.7	22.7 19.9
	Set Goals for Improving Energy Consumption Quantitative Goals	12.8 26.4	12.0 10.9	21.7 4.9
	Submetering (metering beyond the main utility, revenue or supplier meter)	2.9	10.2	
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	9.0 6.8	16.5	24.2 25.0
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	4.7 9.5	11.6 13.8	22.5 19.5
	Use File Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that includes the Following:	9.7	36.2	21.9
	Furance Inspections (h)	20.5	3.6	19.6
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	14.8 20.2	7.9	25.7 18.8
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	11.4	22.4	23.4
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	3.9	13.5	17.6
331524	Aluminum Foundries, except Die-Casting			
	Person(s) Responsible for Energy Management (c)	6.5	12.5	13.8
	Aware of ISO 50001 Implementing ISO 50001	7.5	12.4	
		13.2	7.7	7.7
	Energy Efficiency a part of Purchasing Decision			
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	10.8	11.5	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for improving Energy Consumption Quantitative Goals	10.8 9.2 38.5	13.7 25.5	10.9
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	10.8 9.2	13.7	11.3 10.9 5.7 14.0
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use In Juture Years Set Goals for Improving Energy Consumption Quantitative Goals Jutunetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions	10.8 9.2 38.5 2.7	13.7 25.5 11.9	10.9 5.7 14.0 14.1
	Energy Efficiency a part of Purchasing Decision Energy Use Backeline for Comparing Energy Use In Struture Years Set Goals for Improving Energy Consumption Usuntitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity (Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity (Consumption in Times of Critical Grid Conditions Measure Oxygem and Carbon Dioded Levels (1)	10.8 9.2 38.5 2.7 5.5 7.8 3.4 7.8	13.7 25.5 11.9 12.9 10.4 12.7 15.0	10.9 5.7 14.0 14.1 13.3 11.7
	Energy Efficiency a part of Purchasing Decision Energy Use Buseline for Comparing Energy Use In Inture Yeans Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Interling Report of the Inture Yeans) Conduct Audits Into Interling Fenge Yeans (Paper Inture Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions	10.8 9.2 38.5 2.7 5.5 7.8 3.4	13.7 25.5 11.9 12.9 10.4 12.7	10.9 5.7

	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	14.1 25.0	4.1	15.7
	Inspecting, Laurorating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (l)	9.8	3.7 11.0 9.9	15.1 15.1 11.6
	Track the Amount of Energy Spent in Compressed Air Systems	2.0	7.7	10.0
332	Fabricated Metal Products			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	4.1	14.2	17.3
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	12.2	36.2	
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	5.3	13.8	12.1
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	33.3	18.4	2.5
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	3.8	18.2	15.8
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	3.4	26.4	14.8
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	4.3 3.8	19.7 35.9	12.5 12.2
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	7.9	8.4	12.4
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	8.0	8.4	12.5
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	5.9	11.6	12.7
333	Track the Amount of Energy Spent in Compressed Air Systems	3.6	26.4	13.8
333	Machinery Person(s) Responsible for Energy Management (c)	4.2	13.1	19.9
	Aware of ISO 50001	4.8	10.3	
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	10.9 13.7	41.6	19.6
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	6.4 6.0	11.8 12.1	11.5 12.3
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	23.7	16.9 28.2	3.2
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	4.8	15.2	13.7 13.7
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	3.6 4.4	27.0 23.2	14.7
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	3.6	42.4	12.8
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	8.9	7.5	13.1 12.5
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	9.1	7.9	11.9
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	6.7	10.5	12.5
334	Computer and Electronic Products	5.5		
	Person(s) Responsible for Energy Management (c)	7.9	16.7	23.4
	Aware of ISO 50001 Implementing ISO 50001	7.4	14.7	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	17.9	7.8	27.5 16.1
	Set Goals for Improving Energy Consumption Quantitative Goals	9.3	16.6	18.6
	Submetering (metering beyond the main utility, revenue or supplier meter)	4.1	26.3	
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	8.3	17.2	22.2 21.2
	Measure Oxygen and Carbon Dioxide Levels (f)	6.8	23.1	17.5
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	5.3	28.8	19.9
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	12.9 12.3	11.9 13.4	19.4 17.5
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	15.4 11.6	11.3 14.9	16.9 16.7
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	9.4 6.4	15.8 29.0	21.1 20.0
334413	Semiconductors and Related Devices			
	Person(s) Responsible for Energy Management (c)			
		28.0	22.3	44.1
	Aware of ISO 50001 Implementing ISO 50001	24.9 25.9	22.4 44.9	
	Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	24.9 25.9 75.6 35.5	22.4 44.9 14.9 22.2	 37.8 37.9
	Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in future Years Set Goals for Improving Energy Consumption Quantitative Goals	24.9 25.9 75.6 35.5 33.4 56.8	22.4 44.9 14.9 22.2 20.1 24.1	 37.8
	Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Inturer Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Swing Opportunities	24.9 25.9 75.6 35.5 33.4 56.8 17.3 24.5	22.4 44.9 14.9 22.2 20.1 24.1 28.3 25.4	37.8 37.9 39.1 18.5 34.1
	Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in In Vuture Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Countors to Reduce Electricity Consumption Im Times of Critical Grid Conditions	24.9 25.9 75.6 35.5 33.4 56.8 17.3	22.4 44.9 14.9 22.2 20.1 24.1 28.3	
	Aware of ISO 50001 Implementing ISO 50001 Energy Lifficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Inturer Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g)	24.9 25.9 75.6 35.5 33.4 56.8 17.3 24.5	22.4 44.9 22.2 20.1 24.1 28.3 25.4 21.8	37.8 37.9 39.1 18.5 34.1 33.8
	Aware of ISO 50001 Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (meeting beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy-Swing Opportunities Procedures to Reduce Electricity Consumption Im Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption Im Times of Critical Grid Conditions Masaure Oxygen and Carbon Dioded Levels (1)	249 259 756 355 334 568 173 245 240 177 178	22.4 44.9 14.9 22.2 20.1 24.1 28.3 25.4 21.8 39.1 29.0 18.4 21.4	
	Aware of ISO 50001 Implementing ISO 50001 Energy UB Edited ISO 50001 Energy UB Edited ISO 50001 Energy UB Edited Info Comparing Energy USe In Juture Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Matemation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Matemation Controls to Deduce Electricity Consumption In Times of Critical Grid Conditions Proceedines and Carbon Double Levels (I) Use File Gas to Preheat Other Equipment or Processes (g) Process heating Maintenance Program that Includes the Following: Furnace Inspections (I) Cleaning of Hast Transfer Equipment (I)	249 259 756 355 334 568 173 245 240 177 178 72	22.4 44.9 14.9 22.2 20.1 24.1 28.3 25.4 21.8 39.1 29.0 29.0 18.4	37.8 37.9 39.1 18.5
	Aware of ISO 50001 Implementing ISO 50001 Energy Lefficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to dentify Energy Saving Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Reating Maintenance Program that includes the Following: Furance Imagections (h)	249 259 756 355 334 568 173 245 240 17.7 17.8 7.2 440 38.9	22.4 44.9 14.9 22.2 20.1 24.1 25.4 25.4 21.8 39.1 29.0 18.4 21.4 23.1	37.8 37.9 39.1 18.5 34.1 33.8 32.5 31.8 29.9 36.2 32.7
	Aware of ISO 50001 Implementing ISO 50001 Energy UB Store (S 50001 Energy UB Store) Energy UB sellen for Comparing Energy USe in Juture Years Set Goals for Improving Energy Consumption Quantitative Goals Submetring (Intering Beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioded Levels (I) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenace Program that Includes the Following: Furance Inspections (h) Cleaning of Hart Transfer Equipment () Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motos	249 259 756 355 334 568 173 245 240 177 178 7.2 44.0 38.9 42.0 15.2	22.4 449 149 222 20.1 24.1 28.3 25.4 21.8 39.1 29.0 18.4 21.4 23.1 22.5 20.8	37.8 37.9 39.1 18.5 34.1 33.8 32.5 31.8 29.9 36.2 32.7 28.4 34.0
335	Aware of ISO 50001 Implementing ISO 50001 Energy LiftClency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Huture Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or suppler meter) Conduct Audits to dentify Energy Saving Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Measure Oxgen and Carbon Dioxide Levels (I) Use Flue Gas to Preheat Other Equipment of Processes (g) Process Reating Maintenance Program that Includes the Following: Furance Imgescions (h) Cleaning of Heat Transfer Equipment (I) Cleaning of Heat Transfer Equipment (I) Keep an Inventory of All Motors Detect and Contor Compressed Al Leaks (I)	249 259 756 355 334 558 173 245 240 17,7 178 7,2 440 389 420 152 230	224 449 149 222 201 241 254 254 254 254 254 254 254 250 184 254 254 254 254 254 254 254 254 254 25	
335	Aware of ISO 50001 Implementing ISO 50001 Energy UB Edites (SO 50001 Energy UB Edites (SO 50001 Energy UB Edites (SO 50001 Gash for Improving Energy Consumption Quantitative Goals Submetering (Insteining beyond the main utility, revenue or suppler meter) Conduct Audits I Identify Integrity Sanig Opportunities Proceedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Doxide Levels (f) Use Fue Gast to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following: Furnace Impections (h) Cleaning of Heat Transfer Equipment (l) Inserting Calibrating and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (l) Track the Amount of Energy Sparsed Air Systems Electrical Equip., Appliances, Components Person(s) (Responsible for Energy Management (c)	249 259 756 355 334 568 173 245 240 177 178 7.2 440 389 420 152 230 169	22.4 44.9 14.9 22.2 20.1 24.1 24.3 25.4 21.8 20.1 29.0 18.4 21.4 21.4 21.4 22.5 20.8 24.3 35.9	
335	Aware of ISO 50001 Implementing ISO 50001 Energy UB Stole Stole for Nurshaing Decision Energy UB Stalle for Comparing Energy US in Inture Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Swing Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Measure Oxgen and Carton Dioxide Leviels (1) Use Flue Sato Prehear Other Equipment of Processes (g) Process Heating Maintenace Program that Includes the Following: Furrace Impections (In) Cleaning of Heat Transf, and Adjusting Process Heating Equipment (I) Image aning energy of All Usels (II) Track the Amount of Energy Spent in Compressed Air Systems Electrical Equip. Appliances, Components Person(I) Responsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 50001	249 259 756 355 334 568 173 245 240 177 178 7.2 440 389 420 152 230 169	22.4 44.9 14.9 22.2 20.1 24.1 24.3 25.4 21.8 21.4 21.4 21.4 21.4 22.5 20.8 24.3 35.9 21.4 19.4 75.0	
335	Aware of ISO 50001 Implementing ISO 50001 Energy UB Solito 50 50001 Energy UB Solito For Comparing Energy USe in Future Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intereing beyond the main utility, revenue or suppler meter) Conduct Audits Iolently Intergy Sonig Opportunities Proceedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Organ and Carbon Dioxide Levels (I) User Blue Gas to Proheat Other Equipment of Processes (g) Process Heating Maintenance Program that Includes the Following: Furnace Impections (h) Cleaning of Hart Transfer Equipment (I) Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I) Track the Amount of Thergr Spent In Compressed Air Systems Electrical Equip, Appliances, Components Person(s) Responsible for Energy Management (c) Aware of ISO 50001 Implementing ISO 50001 Energy Ufficiency a part of Purchasing Decision Energy Ufficiency as part of Purchasing Decision Energy Ufficiency as part of Purchasing Decision	249 259 756 355 334 568 173 245 240 177 178 72 72 440 389 420 152 230 169 105 93 204 281	22.4 44.9 14.9 22.2 20.1 24.1 24.3 25.4 21.8 25.4 21.8 23.0 23.0 23.0 23.0 23.0 24.3 22.5 20.8 24.3 25.9 21.4 19.4 75.0 9.1 21.4 23.1 21.4 21.4 21.4 23.1 21.4 21.4 21.4 21.4 21.4 21.4 21.4 21	
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335	Aware of ISO 50001 Implementing ISO 50001 Energy UB Solito 50 5001 Energy UB Solito For Comparing Energy Use in Yuture Years Set Goals for Improving Energy Consumption Quantitative Goals Submetering (Intering Depend the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Soning Opportunities Procedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Measure Oxgen and Carbon Dixide Levels (1) Use Flue Gas to Preheat Other Equipment or Processes (g) Process Reating Maintenance Program that Includes the Following: Furance Impections (h) Cleaning of Heat Transfer Equipment (1) Impecting Control Compressed Air Laks (1) Track the Annount of Energy Meanagement (c) Ansee of ISO 50001 Implementing ISO 50001 Energy USe Baseline for Comparise Energy Use in Future Years Set Goals for Improving Energy Coss In Future Years Set Goals for Improving Energy Cossumption Quantitative Goals Submetering (Intering Depond the main utility, revenue or supplier meter) Conduct Audits Identify Energy Signel Opportunitities </td <td>249 259 756 355 334 558 173 245 240 177 178 72 440 389 440 389 440 152 210 165 93 204 204 204 281 204 281 165 93 204 204 281 105 193 204 281 105 193 204 281 105 193 204 281 105 193 204 281 105 193 204 281 105 193 204 204 204 205 204 205 205 205 205 205 205 205 205 205 205</td> <td>224 449 149 122 201 241 283 254 218 391 254 214 231 225 208 243 359 214 750 750 750 750 750 214 750 750 214 750 200 226 245 301 200 226 245 301 200 253 243 359 214 750 260 254 254 254 254 254 254 254 254 254 254</td> <td></td>	249 259 756 355 334 558 173 245 240 177 178 72 440 389 440 389 440 152 210 165 93 204 204 204 281 204 281 165 93 204 204 281 105 193 204 281 105 193 204 281 105 193 204 281 105 193 204 281 105 193 204 281 105 193 204 204 204 205 204 205 205 205 205 205 205 205 205 205 205	224 449 149 122 201 241 283 254 218 391 254 214 231 225 208 243 359 214 750 750 750 750 750 214 750 750 214 750 200 226 245 301 200 226 245 301 200 253 243 359 214 750 260 254 254 254 254 254 254 254 254 254 254	
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335	Aware of ISO 50001 Implementing ISO 50001 Energy Use Basile for Comparing Energy Use In Juture Years Self Goals for Improving Energy Consumption Quantitative Goals Submetering (metering beyond the main utility, revenue or suppler meter) Conduct Audits to Identify Energy Senig Opportunities Proceedures to Reduce Electricity Consumption In Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption In Times of Critical Grid Conditions Measure Oxgen and Carton Dioxide Leviels (1) Use Flue Gas to Prehear Other Equipment of Processes (g) Process Heating Maintenace Program that Includes the Following: Furnace Engregations (h) Implementing Processes (g) Process Heating Maintenace Program that Includes the Following: Furnace Engregations (h) Implementing Process Heating Equipment (I) Implementing Process Heating Engregation (I) Implementing Process Heating Engregation (I) Implementing Process Heating Engregation (I) Implementing Process (I) Track the Amount of Energy Spent in Compressed Air Systems Electrical Equip., Appliances, Components Person(I) Responsible for Energy Wanagement (c) Aware of ISO 50001	249 259 756 355 334 568 173 240 177 178 72 440 389 420 152 230 169 105 93 204 231 169 105 93 204 241 126 100 514 41 106 514 41 106 514 41 106 514 41 106 514 41 106 528 70 72 72 72 72 72 72 72 72 72 72	224 449 149 122 201 241 254 254 218 301 250 184 214 221 225 208 243 359 259 214 214 231 225 208 243 359 259 214 194 750 91 200 226 245 301 200 214 215 203 243 359 201 201 201 201 201 201 201 201 201 201	

	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	6.6	39.3	17.1
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	16.0 15.5	10.8 11.4	17.8
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	16.4 10.6	11.0	17.4
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	9.9 6.8	16.7 23.4	18.0
336111	Automobiles			
	Person(s) Responsible for Energy Management (c)	0.0	0.0	0.0
	Aware of ISO 50001 Implementing ISO 50001	0.0	0.0	-
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	0.0	0.0	0.0
	Set Goals for Improving Energy Consumption Quantitative Goals	0.0	0.0	0.0
	Submetering (metering beyond the main utility, revenue or supplier meter)	0.0	0.0	-
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	0.0	0.0	0.0
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	0.0	0.0	0.0
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	0.0	0.0	0.0
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0
336112	Light Trucks and Utility Vehicles			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	0.0	0.0)
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	0.0	0.0	- 0.0
	Energy Use Baseline for Comparing Energy Use in Future Years	0.0	0.0	0.0
	Set Goals for Improving Energy Consumption Quantitative Goals Constraint for the provide the provide statement of the pro	0.0	0.0	0.0
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	0.0	0.0	0.0
	Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	0.0	0.0	0.
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0
	Furance Inspections (h) Furan	0.0	0.0	0.0
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	0.0	0.0	0.0
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0
364	Aerospace Product and Parts			
	Person(s) Responsible for Energy Management (c)	14.7	13.8	33.6
	Aware of ISO 50001	12.9	15.3	-
	Energy Efficiency a part of Purchasing Decision	28.8	10.1	30.7
	Energy Use Baseline for Comparing Energy Use in Future Years Set Goals for Improving Energy Consumption	19.4 16.6	13.8	25.4
	Quantitative Goals Submetering (metering beyond the main utility, revenue or supplier meter)	34.9	17.3 24.1	8.1
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	13.7	16.3 20.5	25.6
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	8.6	25.2	26.3
	Measure Oxygen and Carbon Dioxide Levels (f) Use Flue Gas to Preheat Other Equipment or Processes (g)	10.3 8.3	25.0 30.7	23.1
	Process Heating Maintenance Program that Includes the Following: Furance Inspections (h)	20.0	13.5	27.0
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	16.8	15.2	21.0
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	12.2	18.5 20.2	22.3
	Track the Amount of Energy Spent in Compressed Air Systems	9.1	21.4	23.6
336411	Aircraft			
	Person(s) Responsible for Energy Management (c)	44.3	26.5	51.1
	Aware of ISO 50001 Implementing ISO 50001	31.6 27.7	27.7 X	
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	37.7 36.5	16.9 36.3	50.4 46.6
	Set Goals for Improving Energy Consumption Quantitative Goals	52.8 X	33.5	37.2
	Submetering (metering beyond the main utility, revenue or supplier meter)	26.5	41.1	
	Conduct Audits to Identify Energy Saving Opportunities Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	53.9 24.5	26.5 38.3	41.0
	Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Measure Oxygen and Carbon Dioxide Levels (f)	23.8 30.3	44.7 52.7	35.9 41.8
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	16.0	23.5	50.3
	Furance Inspections (h)	37.2 43.5	34.2 37.4	52.0
	Cleaning of Heat Transfer Equipment (i) Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	46.2	35.3	36.3
	Keep an Inventory of All Motors Detect and Control Compressed Air Leaks (I)	25.8 26.1	41.1 34.8	34.0 33.3
	Track the Amount of Energy Spent in Compressed Air Systems	22.7	39.7	33.
7	Furniture and Related Products			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	5.4	23.3 19.5	26.3
	Implementing ISO 50001	20.7	67.3	-
	Energy Efficiency a part of Purchasing Decision Energy Use Baseline for Comparing Energy Use in Future Years	18.3	7.3 19.2	26.0
	Set Goals for Improving Energy Consumption Quantitative Goals	8.4 36.3	18.8 32.3	18.3
	Submetering (metering beyond the main utility, revenue or supplier meter) Conduct Audits to Identify Energy Saving Opportunities	2.5 5.7	42.5	- 25.2
	Automation Contenting Flexibility Sources Contenting Sources Contenting Sources Contentions Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	6.0	25.8	21.0
	Measure Oxygen and Carbon Dioxide Levels (f)	6.2	41.3	16.
	Use Flue Gas to Preheat Other Equipment or Processes (g) Process Heating Maintenance Program that Includes the Following:	5.3	53.5	18.5
	Furance Inspections (h) Cleaning of Heat Transfer Equipment (i)	12.8 13.9	12.4 13.9	16.5 13.5
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j) Keep an Inventory of All Motors	12.6 11.2	15.5	13.
	Detect and Control Compressed Air Leaks (I) Track the Amount of Energy Spent in Compressed Air Systems	10.4	14.0 41.3	18.9
		4.9	41.5	21.9
19	Miscellaneous			
	Person(s) Responsible for Energy Management (c) Aware of ISO 50001	5.2 4.8	21.5 15.9	16.4
	Implementing ISO 50001 Energy Efficiency a part of Purchasing Decision	16.5	51.5	17.6
	Energy Use Baseline for Comparing Energy Use in Future Years	6.9	16.3	14.7
	Set Goals for Improving Energy Consumption Quantitative Goals	6.5	26.1	15.1
	Submetering (metering beyond the main utility, revenue or supplier meter)	3.1	28.4	

Procedures to Reduce Electricity Consumption in Times of Critical Grid Conditions	5.6	28.4	13.9
Automation Controls to Reduce Electricity Consumption in Times of Critical Grid Conditions	5.2	37.8	13.
Measure Oxygen and Carbon Dioxide Levels (f)	5.4	39.5	12.
Use Flue Gas to Preheat Other Equipment or Processes (g)	5.3	55.2	13.
Process Heating Maintenance Program that Includes the Following:			
Furance Inspections (h)	9.4	12.2	13.
Cleaning of Heat Transfer Equipment (i)	9.1	14.9	11.
Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	9.7	12.6	12.
Keep an Inventory of All Motors	8.2	14.6	13.
Detect and Control Compressed Air Leaks (I)	6.4	18.2	14.
Track the Amount of Energy Spent in Compressed Air Systems	4.5	37.6	15.
(e) The insulation inspections are to monitor and maintain the condition of the steam system insulation.			
(d) The amount of steam used is the amount needed to produce a unit of product. (e) The insulation inspections are to monitor and maintain the condition of the steam system insulation. (f) Truing" the burners requires the measuring of oxygen and carbon dioxide levels in bullers and other fuel fired heating equipment to prehat combustion air, prehate charge equipment/materials (b) The use of floe gases from four fired heating equipment to prehat combustion air, prehate charge equipment/materials (b) The closening of heat transfer surfaces avoids built up or 300, cxale, or other material. (c) Process heating equipment includes, but is not limited to, temperature and pressure sensors, controllers, valve operators (k) A plant-wide study conducted to identify the major energy consuming pump systems. (l) The staff or equipment dedicated to detecting and controlling compressed air system leaks. * Estimate less than 0.5. W-Withhel to avoid disclosing data for individual establishments. Q-Withhel due avoid because RS Corresponds to a value of zero Visitorial to its present to a value of zero Visitorial to its not equiption. Note: Total may not equal sum of components because of independent rounding.	, or provide heat for other processes.		