

Independent Statistics & Analysis U.S. Energy Information Administration

Cost and Performance Characteristics of New Generating Technologies, *Annual Energy Outlook 2022*

The tables presented below are also published in the Electricity Market Module chapter of the U.S. Energy Information Administration's (EIA) *Annual Energy Outlook 2022* (AEO2022) Assumptions document. Table 1 represents our assessment of the cost to develop and install various generating technologies used in the electric power sector. Generating technologies typically found in end-use applications, such as combined heat and power or roof-top solar photovoltaics (PV), will be described elsewhere in the Assumptions document. The costs shown in Table 1, except as noted below, are the costs for a typical facility for each generating technology before adjusting for regional cost factors. Overnight costs exclude interest accrued during plant construction and development. Technologies with limited commercial experience may include a technological optimism factor to account for the tendency to underestimate the full engineering and development costs for new technologies during technology research and development.

All technologies demonstrate some degree of variability in cost, based on project size, location, and access to key infrastructure (such as grid interconnections, fuel supply, and transportation). For wind and solar PV, in particular, the cost favorability of the lowest-cost regions compound the underlying variability in regional cost and create a significant differential between the unadjusted costs and the capacity-weighted average national costs as observed from recent market experience. To reflect this difference, we report a weighted average cost for both wind and solar PV, based on the regional cost factors assumed for these technologies in AEO2022 and the actual regional distribution of the builds that occurred in 2020 (Table 1).

Table 2 shows a full listing of the overnight costs for each technology and electricity region, if the resource or technology is available to be built in the given region. The regional costs reflect the impact of locality adjustments, including one to address ambient air conditions for technologies that include a combustion turbine and one to adjust for additional costs associated with accessing remote wind resources. Temperature, humidity, and air pressure can affect the available capacity of a combustion turbine, and our modeling addresses these possible effects through an additional cost multiplier by region. Unlike most other generation technologies where fuel can be transported to the plant, wind generators must be located in areas with the best wind resources. Sites that are located near existing transmission with access to a road network or are located on lower development-cost lands are generally built up first, after which additional costs may be incurred to access sites with less favorable characteristics. We represent this trend through a multiplier applied to the wind plant capital costs that increases as the best sites in a region are developed.

Table 1. Cost and performance characteristics of new central station electricity generating technologies

				Base	Techno-	Total			
	First		Lead	overnight	logical	overnight	Variable	Fixed O&M	
Technology	available	Size	time (waara)		optimism	دost ^{u,e} (2021¢ (۲۸۸۱)	0&M' (2021	(2021\$/	Heat rate ^s
	year	(10100)	(years)	(20213/800)	lactor	(20213/KW)	\$/1010011)	KVV-y)	
Ultra-supercritical coal (USC)	2025	650	4	\$4,074	1.00	\$4,074	\$4.71	\$42.49	8,638
USC with 30% carbon capture and	2025	650	4	\$5,045	1.01	\$5,096	\$7.41	\$56.84	9,751
sequestration (CCS)				40.00-		40.00-		+	
USC with 90% CCS	2025	650	4	\$6,495	1.02	\$6,625	\$11.49	\$62.34	12,507
Combined-cycle—single-shaft	2024	418	3	\$1,201	1.00	\$1,201	\$2.67	\$14.76	6,431
Combined-cycle—multi-shaft	2024	1,083	3	\$1,062	1.00	\$1,062	\$1.96	\$12.77	6,370
Combined-cycle with 90% CCS	2024	377	3	\$2,736	1.04	\$2,845	\$6.11	\$28.89	7,124
Internal combustion engine	2023	21	2	\$2,018	1.00	\$2,018	\$5.96	\$36.81	8,295
Combustion turbine—	2023	105	2	\$1,294	1.00	\$1,294	\$4.92	\$17.06	9,124
aeroderivative ^h									
Combustion turbine—industrial	2023	237	2	\$785	1.00	\$785	\$4.71	\$7.33	9,905
frame									
Fuel cells	2024	10	3	\$6,639	1.09	\$7,224	\$0.62	\$32.23	6,469
Nuclear—light water reactor	2027	2,156	6	\$6,695	1.05	\$7,030	\$2.48	\$127.35	10,443
Nuclear—small modular reactor	2028	600	6	\$6,861	1.10	\$7,547	\$3.14	\$99.46	10,443
Distributed generation—base	2024	2	3	\$1,731	1.00	\$1,731	\$9.01	\$20.27	8,923
Distributed generation—peak	2023	1	2	\$2,079	1.00	\$2,079	\$9.01	\$20.27	9,907
Battery storage	2022	50	1	\$1,316	1.00	\$1,316	\$0.00	\$25.96	NA
Biomass	2025	50	4	\$4,524	1.00	\$4,525	\$5.06	\$131.62	13,500
Geothermal ^{i, j}	2025	50	4	\$3,076	1.00	\$3,076	\$1.21	\$143.22	8,813
Conventional hydropower ^j	2025	100	4	\$3,083	1.00	\$3,083	\$1.46	\$43.78	NA
Wind ^e	2024	200	3	\$1,718	1.00	\$1,718	\$0.00	\$27.57	NA
Wind offshore ⁱ	2025	400	4	\$4,833	1.25	\$6,041	\$0.00	\$115.16	NA
Solar thermal ⁱ	2024	115	3	\$7,895	1.00	\$7,895	\$0.00	\$89.39	NA
Solar photovoltaic (PV) with	2023	150	2	\$1,327	1.00	\$1,327	\$0.00	\$15.97	NA
tracking ^{e, i, k}				• •		. ,		·	
Solar PV with storage ^{i, k}	2023	150	2	\$1,748	1.00	\$1,748	\$0.00	\$33.67	NA
Source: We primarily hase input costs on	a report prov	ided hv evt	ernal consi	Iltants: Sargent 2	& Lundy Dece	mber 2019 Wei	most recently un	lated hydronowe	er site costs for

Source: We primarily base input costs on a report provided by external consultants: Sargent & Lundy, December 2019. We most recently updated hydropower site costs for non-powered dams for AEO2018 using data from Oak Ridge National Lab

Note: MW=megawatt, kW=kilowatt, MWh=megawatthour, kW-y=kilowatt-year, kWh=kilowatthour; Btu=British thermal unit

^a The first year that a new unit could become operational.

^b Base cost includes project contingency costs.

^c We apply the technological optimism factor to the first four units of a new, unproven design; it reflects the demonstrated tendency to underestimate actual costs for a first-of-a-kind unit.

^d Overnight capital cost includes contingency factors and excludes regional multipliers (except as noted for wind and solar PV) and learning effects. Interest charges are also excluded. The capital costs represent current costs for plants that would come online in 2022.

^e Total overnight cost for wind and solar PV technologies in the table are the average input value across all 25 electricity market regions, as weighted by the respective capacity of that type installed during 2020 in each region to account for the substantial regional variation in wind and solar costs (Table 4). The input value used for onshore wind in AEO2022 was \$1,411 per kilowatt (kW), and for solar PV with tracking, it was \$1,323/kW, which represents the cost of building a plant excluding regional factors. Region-specific factors contributing to the substantial regional variation in cost include differences in typical project size across regions, accessibility of resources, and variation in labor and other construction costs throughout the country.

^f O&M = Operations and maintenance.

^g The nuclear average heat rate is the weighted average tested heat rate for nuclear units as reported on the Form EIA-860, *Annual Electric Generator Report*. No heat rate is reported for battery storage because it is not a primary conversion technology; conversion losses are accounted for when the electricity is first generated; electricity-to-storage losses are accounted for through the additional demand for electricity required to meet load. For hydropower, wind, solar, and geothermal technologies, no heat rate is reported because the power is generated without fuel combustion, and no set British thermal unit conversion factors exist. The module calculates the average heat rate for fossil-fuel generation in each year to report primary energy consumption displaced for these resources.

^h Combustion turbine aeroderivative units can be built by the module before 2023, if necessary, to meet a region's reserve margin.

ⁱ Capital costs are shown before investment tax credits are applied.

^j Because geothermal and hydropower cost and performance characteristics are specific for each site, the table entries show the cost of the least expensive plant that could be built in the Northwest region for hydro and the Great Basin region for geothermal, where most of the proposed sites are located.

^k Costs and capacities are expressed in terms of net AC (alternating current) power available to the grid for the installed capacity.

Table 2. Total overnight capital costs of new electricity generating technologies by region

2021 dollars per kilowatt

	1	2	3	4	5	6	7	8	9	10	11	12	13
Technology	TRE	FRCC	MISW	MISC	MISE	MISS	ISNE	NYCW	NYUP	PJME	PJMW	PJMC	PJMD
Ultra-supercritical coal (USC)	\$3,786	\$3,897	\$4,259	\$4,371	\$4,422	\$3,918	\$4,721	NA	\$4,614	\$4,763	\$4,064	\$5,120	\$4,385
USC with 30% CCS	\$4,777	\$4,903	\$5,294	\$5,437	\$5,480	\$4,935	\$5,846	NA	\$5,729	\$5,883	\$5,094	\$6,254	\$5,477
USC with 90% CCS	\$6,252	\$6,411	\$6,841	\$7,072	\$7,078	\$6,473	\$7,495	NA	\$7,303	\$7,508	\$6,601	\$7,994	\$7,015
CC—single-shaft	\$1,085	\$1,107	\$1,235	\$1,246	\$1,277	\$1,117	\$1,441	\$1,912	\$1,445	\$1,443	\$1,197	\$1,446	\$1,377
CC—multi-shaft	\$944	\$968	\$1,098	\$1,117	\$1,146	\$979	\$1,259	\$1,725	\$1,238	\$1,266	\$1,037	\$1,327	\$1,170
CC with 90% CCS	\$2,668	\$2,693	\$2,877	\$2,884	\$2,928	\$2,718	\$3,021	\$3,422	\$2,953	\$2,996	\$2,756	\$3,124	\$2,871
Internal combustion engine	\$1,898	\$1,940	\$2,073	\$2,155	\$2,131	\$1,966	\$2,209	\$2,769	\$2,125	\$2,209	\$1,980	\$2,408	\$2,056
CT—aeroderivative	\$1,145	\$1,168	\$1,354	\$1,357	\$1,398	\$1,193	\$1,456	\$1,864	\$1,405	\$1,448	\$1,242	\$1,591	\$1,317
CT—industrial frame	\$692	\$707	\$822	\$826	\$851	\$723	\$886	\$1,144	\$854	\$882	\$753	\$971	\$800
Fuel cells	\$6,933	\$7,041	\$7,362	\$7,680	\$7,534	\$7,159	\$7,815	\$9,201	\$7,498	\$7,748	\$7,138	\$8,261	\$7,358
Nuclear—light water reactor	\$6,636	\$6,779	\$7,157	\$7,807	\$7,530	\$7,000	\$7,964	NA	\$7,430	\$7,781	\$6,878	\$8,556	\$7,158
Nuclear—small modular	\$7,032	\$7,197	\$7,841	\$8,176	\$8,173	\$7,287	\$8,441	NA	\$8,040	\$8,459	\$7,376	\$9,438	\$7,660
reactor													
Distributed generation—base	\$1,563	\$1,595	\$1,779	\$1,795	\$1,840	\$1,609	\$2,076	\$2,754	\$2,081	\$2,079	\$1,724	\$2,083	\$1,984
Distributed generation—	\$1,839	\$1,877	\$2,174	\$2,180	\$2,246	\$1,916	\$2,339	\$2,994	\$2,257	\$2,326	\$1,995	\$2,555	\$2,116
peak													
Battery storage	\$1,316	\$1,320	\$1,301	\$1,364	\$1,319	\$1,347	\$1,357	\$1,351	\$1,321	\$1,325	\$1,313	\$1,329	\$1,325
Biomass	\$4,198	\$4,313	\$4,669	\$4,824	\$4,835	\$4,348	\$5,372	\$7,292	\$5 <i>,</i> 389	\$5,483	\$4,611	\$5,493	\$5,255
Geothermal	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventional hydropower	\$4,498	\$5,495	\$2,186	\$1,453	\$2,959	\$4,378	\$2,025	NA	\$4,144	\$4,305	\$3,752	NA	\$3,808
Wind	\$2,757	NA	\$1,552	\$1,411	\$1,690	\$1,411	\$1,870	NA	\$2,281	\$1,870	\$1,411	\$2,055	\$1,948
Wind offshore	\$5,901	\$7,080	\$6,984	NA	\$7,234	NA	\$7,047	\$6,079	\$7,370	\$6,755	\$5,524	\$7,999	\$6,293
Solar thermal	\$7,616	\$7,731	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solar PV with tracking	\$1,304	\$1,279	\$1,323	\$1,372	\$1,357	\$1,290	\$1,370	\$1,612	\$1,357	\$1,397	\$1,320	\$1,440	\$1,317
Solar PV with storage	\$1,692	\$1,710	\$1,761	\$1,817	\$1,792	\$1,727	\$1,828	\$2,078	\$1,796	\$1,832	\$1,721	\$1,905	\$1,781
	14	15	16	17	18	19	20	21	22	23	24	25	
Technology	14 SRCA	15 SRSE	16 SRCE	17 SPPS	18 SPPC	19 SPPN	20 SRSG	21 CANO	22 CASO	23 NWPP	24 RMRG	25 BASN	
Technology Ultra-supercritical coal (USC)	14 SRCA \$3,920	15 SRSE \$3,979	16 SRCE \$4,032	17 SPPS \$3,947	18 SPPC \$4,193	19 SPPN \$3,991	20 SRSG \$4,159	21 CANO NA	22 CASO NA	23 NWPP \$4,406	24 RMRG \$4,119	25 BASN \$4,297	
Technology Ultra-supercritical coal (USC) USC with 30% CCS	14 SRCA \$3,920 \$4,939	15 SRSE \$3,979 \$4,985	16 SRCE \$4,032 \$5,059	17 SPPS \$3,947 \$4,952	18 SPPC \$4,193 \$5,226	19 SPPN \$3,991 \$4,999	20 SRSG \$4,159 \$5,215	21 CANO NA NA	22 CASO NA NA	23 NWPP \$4,406 \$5,480	24 RMRG \$4,119 \$5,159	25 BASN \$4,297 \$5,353	
Technology Ultra-supercritical coal (USC) USC with 30% CCS USC with 90% CCS	14 SRCA \$3,920 \$4,939 \$6,485	15 SRSE \$3,979 \$4,985 \$6,542	16 SRCE \$4,032 \$5,059 \$6,620	17 SPPS \$3,947 \$4,952 \$6,451	18 SPPC \$4,193 \$5,226 \$6,778	19 SPPN \$3,991 \$4,999 \$6,497	20 SRSG \$4,159 \$5,215 \$6,758	21 CANO NA NA	22 CASO NA NA NA	23 NWPP \$4,406 \$5,480 \$7,090	24 RMRG \$4,119 \$5,159 \$6,658	25 BASN \$4,297 \$5,353 \$6,967	
Technology Ultra-supercritical coal (USC) USC with 30% CCS USC with 90% CCS CC—single-shaft	14 SRCA \$3,920 \$4,939 \$6,485 \$1,103	15 SRSE \$3,979 \$4,985 \$6,542 \$1,116	16 SRCE \$4,032 \$5,059 \$6,620 \$1,150	17 SPPS \$3,947 \$4,952 \$6,451 \$1,115	18 SPPC \$4,193 \$5,226 \$6,778 \$1,183	19 SPPN \$3,991 \$4,999 \$6,497 \$1,104	20 SRSG \$4,159 \$5,215 \$6,758 \$1,085	21 CANO NA NA \$1,590	22 CASO NA NA \$1,553	23 NWPP \$4,406 \$5,480 \$7,090 \$1,264	24 RMRG \$4,119 \$5,159 \$6,658 \$1,023	25 BASN \$4,297 \$5,353 \$6,967 \$1,106	
Technology Ultra-supercritical coal (USC) USC with 30% CCS USC with 90% CCS CC—single-shaft CC—multi-shaft	14 SRCA \$3,920 \$4,939 \$6,485 \$1,103 \$968	15 SRSE \$3,979 \$4,985 \$6,542 \$1,116 \$980	16 SRCE \$4,032 \$5,059 \$6,620 \$1,150 \$1,016	17 SPPS \$3,947 \$4,952 \$6,451 \$1,115 \$979	18 SPPC \$4,193 \$5,226 \$6,778 \$1,183 \$1,051	19 SPPN \$3,991 \$4,999 \$6,497 \$1,104 \$971	20 SRSG \$4,159 \$5,215 \$6,758 \$1,085 \$934	21 CANO NA NA \$1,590 \$1,398	22 CASO NA NA \$1,553 \$1,359	23 NWPP \$4,406 \$5,480 \$7,090 \$1,264 \$1,096	24 RMRG \$4,119 \$5,159 \$6,658 \$1,023 \$880	25 BASN \$4,297 \$5,353 \$6,967 \$1,106 \$987	
Technology Ultra-supercritical coal (USC) USC with 30% CCS USC with 90% CCS CC—single-shaft CC—multi-shaft CC with 90% CCS	14 SRCA \$3,920 \$4,939 \$6,485 \$1,103 \$968 \$2,684	15 SRSE \$3,979 \$4,985 \$6,542 \$1,116 \$980 \$2,698	16 SRCE \$4,032 \$5,059 \$6,620 \$1,150 \$1,016 \$2,759	17 SPPS \$3,947 \$4,952 \$6,451 \$1,115 \$979 \$2,688	18 SPPC \$4,193 \$5,226 \$6,778 \$1,183 \$1,051 \$2,777	19 SPPN \$3,991 \$4,999 \$6,497 \$1,104 \$971 \$2,647	20 \$R\$G \$4,159 \$5,215 \$6,758 \$1,085 \$934 \$2,448	21 CANO NA NA \$1,590 \$1,398 \$3,071	22 CASO NA NA \$1,553 \$1,359 \$3,036	23 NWPP \$4,406 \$5,480 \$7,090 \$1,264 \$1,096 \$2,833	24 RMRG \$4,119 \$5,159 \$6,658 \$1,023 \$880 \$2,303	25 BASN \$4,297 \$5,353 \$6,967 \$1,106 \$987 \$2,586	
Technology Ultra-supercritical coal (USC) USC with 30% CCS USC with 90% CCS CC—single-shaft CC—multi-shaft CC with 90% CCS Internal combustion engine	14 SRCA \$3,920 \$4,939 \$6,485 \$1,103 \$968 \$2,684 \$1,977	15 SRSE \$3,979 \$4,985 \$6,542 \$1,116 \$980 \$2,698 \$1,982	16 SRCE \$4,032 \$5,059 \$6,620 \$1,150 \$1,016 \$2,759 \$2,017	17 SPPS \$3,947 \$4,952 \$6,451 \$1,115 \$979 \$2,688 \$1,962	18 SPPC \$4,193 \$5,226 \$6,778 \$1,183 \$1,051 \$2,777 \$2,068	19 SPPN \$3,991 \$4,999 \$6,497 \$1,104 \$971 \$2,647 \$1,982	20 \$R\$G \$4,159 \$5,215 \$6,758 \$1,085 \$934 \$2,448 \$2,001	21 CANO NA NA \$1,590 \$1,398 \$3,071 \$2,398	22 CASO NA NA \$1,553 \$1,359 \$3,036 \$2,355	23 NWPP \$4,406 \$5,480 \$7,090 \$1,264 \$1,096 \$2,833 \$2,133	24 RMRG \$4,119 \$5,159 \$6,658 \$1,023 \$880 \$2,303 \$1,975	25 BASN \$4,297 \$5,353 \$6,967 \$1,106 \$987 \$2,586 \$2,114	
Technology Ultra-supercritical coal (USC) USC with 30% CCS USC with 90% CCS CC—single-shaft CC—multi-shaft CC with 90% CCS Internal combustion engine CT—aeroderivative	14 SRCA \$3,920 \$4,939 \$6,485 \$1,103 \$968 \$2,684 \$1,977 \$1,186	15 SRSE \$3,979 \$4,985 \$6,542 \$1,116 \$980 \$2,698 \$1,982 \$1,196	16 SRCE \$4,032 \$5,059 \$6,620 \$1,150 \$1,016 \$2,759 \$2,017 \$1,241	17 SPPS \$3,947 \$4,952 \$6,451 \$1,115 \$979 \$2,688 \$1,962 \$1,194	18 SPPC \$4,193 \$5,226 \$6,778 \$1,183 \$1,051 \$2,777 \$2,068 \$1,279	19 SPPN \$3,991 \$4,999 \$6,497 \$1,104 \$971 \$2,647 \$1,982 \$1,203	20 SRSG \$4,159 \$5,215 \$6,758 \$1,085 \$934 \$2,448 \$2,001 \$1,086	21 CANO NA NA \$1,590 \$1,398 \$3,071 \$2,398 \$1,529	22 CASO NA NA \$1,553 \$1,359 \$3,036 \$2,355 \$1,491	23 NWPP \$4,406 \$5,480 \$7,090 \$1,264 \$1,096 \$2,833 \$2,133 \$1,341	24 RMRG \$4,119 \$5,159 \$6,658 \$1,023 \$880 \$2,303 \$1,975 \$1,051	25 BASN \$4,297 \$5,353 \$6,967 \$1,106 \$987 \$2,586 \$2,114 \$1,198	
Technology Ultra-supercritical coal (USC) USC with 30% CCS USC with 90% CCS CC—single-shaft CC—multi-shaft CC with 90% CCS Internal combustion engine CT—aeroderivative CT— industrial frame	14 SRCA \$3,920 \$4,939 \$6,485 \$1,103 \$968 \$2,684 \$1,977 \$1,186 \$718	15 SRSE \$3,979 \$4,985 \$6,542 \$1,116 \$980 \$2,698 \$1,982 \$1,196 \$726	16 SRCE \$4,032 \$5,059 \$6,620 \$1,150 \$1,016 \$2,759 \$2,017 \$1,241 \$753	17 SPPS \$3,947 \$4,952 \$6,451 \$1,115 \$979 \$2,688 \$1,962 \$1,194 \$724	18 SPPC \$4,193 \$5,226 \$6,778 \$1,183 \$1,051 \$2,777 \$2,068 \$1,279 \$777	19 SPPN \$3,991 \$4,999 \$6,497 \$1,104 \$971 \$2,647 \$1,982 \$1,203 \$729	20 SRSG \$4,159 \$5,215 \$6,758 \$1,085 \$934 \$2,448 \$2,001 \$1,086 \$658	21 CANO NA NA \$1,590 \$1,398 \$3,071 \$2,398 \$1,529 \$934	22 CASO NA NA \$1,553 \$1,359 \$3,036 \$2,355 \$1,491 \$910	23 NWPP \$4,406 \$5,480 \$7,090 \$1,264 \$1,096 \$2,833 \$2,133 \$1,341 \$816	24 RMRG \$4,119 \$5,159 \$6,658 \$1,023 \$880 \$2,303 \$1,975 \$1,051 \$637	25 BASN \$4,297 \$5,353 \$6,967 \$1,106 \$987 \$2,586 \$2,114 \$1,198 \$728	
Technology Ultra-supercritical coal (USC) USC with 30% CCS USC with 90% CCS CC—single-shaft CC—multi-shaft CC with 90% CCS Internal combustion engine CT—aeroderivative CT— industrial frame Fuel cells	14 SRCA \$3,920 \$4,939 \$6,485 \$1,103 \$968 \$2,684 \$1,977 \$1,186 \$718 \$7,211	15 SRSE \$3,979 \$4,985 \$6,542 \$1,116 \$980 \$2,698 \$1,982 \$1,196 \$726 \$7,205	16 SRCE \$4,032 \$5,059 \$6,620 \$1,150 \$1,016 \$2,759 \$2,017 \$1,241 \$753 \$7,304	17 SPPS \$3,947 \$4,952 \$6,451 \$1,115 \$979 \$2,688 \$1,962 \$1,194 \$724 \$7,080	18 SPPC \$4,193 \$5,226 \$6,778 \$1,183 \$1,051 \$2,777 \$2,068 \$1,279 \$777 \$7,376	19 SPPN \$3,991 \$4,999 \$6,497 \$1,104 \$971 \$2,647 \$1,982 \$1,203 \$729 \$7,143	20 SRSG \$4,159 \$5,215 \$6,758 \$1,085 \$934 \$2,448 \$2,001 \$1,086 \$658 \$7,243	21 CANO NA NA \$1,590 \$1,398 \$3,071 \$2,398 \$1,529 \$934 \$8,299	22 CASO NA NA \$1,553 \$1,359 \$3,036 \$2,355 \$1,491 \$910 \$8,203	23 NWPP \$4,406 \$5,480 \$7,090 \$1,264 \$1,096 \$2,833 \$2,133 \$1,341 \$816 \$7,585	24 RMRG \$4,119 \$5,159 \$6,658 \$1,023 \$880 \$2,303 \$1,975 \$1,051 \$637 \$7,104	25 BASN \$4,297 \$5,353 \$6,967 \$1,106 \$987 \$2,586 \$2,114 \$1,198 \$728 \$7,567	
Technology Ultra-supercritical coal (USC) USC with 30% CCS USC with 90% CCS CC—single-shaft CC—multi-shaft CC with 90% CCS Internal combustion engine CT—aeroderivative CT— industrial frame Fuel cells Nuclear—light water reactor	14 SRCA \$3,920 \$4,939 \$6,485 \$1,103 \$968 \$2,684 \$1,977 \$1,186 \$718 \$7,211 \$7,090	15 SRSE \$3,979 \$4,985 \$6,542 \$1,116 \$980 \$2,698 \$1,982 \$1,196 \$726 \$7,205 \$7,035	16 SRCE \$4,032 \$5,059 \$6,620 \$1,150 \$1,016 \$2,759 \$2,017 \$1,241 \$753 \$7,304 \$7,263	17 SPPS \$3,947 \$4,952 \$6,451 \$1,115 \$979 \$2,688 \$1,962 \$1,194 \$724 \$7,080 \$6,807	18 SPPC \$4,193 \$5,226 \$6,778 \$1,183 \$1,051 \$2,777 \$2,068 \$1,279 \$777 \$7,376 \$7,198	19 SPPN \$3,991 \$4,999 \$6,497 \$1,104 \$971 \$2,647 \$1,982 \$1,203 \$729 \$7,143 \$6,805	20 SRSG \$4,159 \$5,215 \$6,758 \$1,085 \$934 \$2,448 \$2,001 \$1,086 \$658 \$7,243 \$7,058	21 CANO NA NA \$1,590 \$1,398 \$3,071 \$2,398 \$1,529 \$934 \$8,299 NA	22 CASO NA NA \$1,553 \$1,359 \$3,036 \$2,355 \$1,491 \$910 \$8,203 NA	23 NWPP \$4,406 \$5,480 \$7,090 \$1,264 \$1,096 \$2,833 \$2,133 \$1,341 \$816 \$7,585 \$7,640	24 RMRG \$4,119 \$5,159 \$6,658 \$1,023 \$880 \$2,303 \$1,975 \$1,051 \$637 \$7,104 \$6,837	25 BASN \$4,297 \$5,353 \$6,967 \$1,106 \$987 \$2,586 \$2,114 \$1,198 \$7,28 \$7,567 \$7,648	
Technology Ultra-supercritical coal (USC) USC with 30% CCS USC with 90% CCS CC—single-shaft CC—multi-shaft CC with 90% CCS Internal combustion engine CT—aeroderivative CT— industrial frame Fuel cells Nuclear—light water reactor Nuclear—small modular	14 SRCA \$3,920 \$4,939 \$6,485 \$1,103 \$968 \$2,684 \$1,977 \$1,186 \$718 \$7,211 \$7,090 \$7,323	15 SRSE \$3,979 \$4,985 \$6,542 \$1,116 \$980 \$2,698 \$1,982 \$1,982 \$1,196 \$726 \$7,205 \$7,205 \$7,035 \$7,380	16 SRCE \$4,032 \$5,059 \$6,620 \$1,150 \$1,016 \$2,759 \$2,017 \$1,241 \$753 \$7,304 \$7,263 \$7,547	17 SPPS \$3,947 \$4,952 \$6,451 \$1,115 \$979 \$2,688 \$1,962 \$1,194 \$7,24 \$7,080 \$6,807 \$7,306	18 SPPC \$4,193 \$5,226 \$6,778 \$1,183 \$1,051 \$2,777 \$2,068 \$1,279 \$777 \$7,376 \$7,198 \$7,759	19 SPPN \$3,991 \$4,999 \$6,497 \$1,104 \$971 \$2,647 \$1,982 \$1,203 \$729 \$7,143 \$6,805 \$7,368	20 SRSG \$4,159 \$5,215 \$6,758 \$1,085 \$934 \$2,448 \$2,001 \$1,086 \$658 \$7,243 \$7,058 \$7,465	21 CANO NA NA \$1,590 \$1,398 \$3,071 \$2,398 \$1,529 \$934 \$8,299 NA NA	22 CASO NA NA \$1,553 \$1,359 \$3,036 \$2,355 \$1,491 \$910 \$8,203 NA NA	23 NWPP \$4,406 \$5,480 \$7,090 \$1,264 \$1,096 \$2,833 \$2,133 \$1,341 \$816 \$7,585 \$7,640 \$8,083	24 RMRG \$4,119 \$5,159 \$6,658 \$1,023 \$880 \$2,303 \$1,975 \$1,051 \$637 \$7,104 \$6,837 \$7,386	25 BASN \$4,297 \$5,353 \$6,967 \$1,106 \$987 \$2,586 \$2,114 \$1,198 \$728 \$7,567 \$7,648 \$8,028	
TechnologyUltra-supercritical coal (USC)USC with 30% CCSUSC with 90% CCSCC—single-shaftCC—multi-shaftCC with 90% CCSInternal combustion engineCT—aeroderivativeCT— industrial frameFuel cellsNuclear—light water reactorNuclear—small modularreactor	14 SRCA \$3,920 \$4,939 \$6,485 \$1,103 \$968 \$2,684 \$1,977 \$1,186 \$718 \$7,211 \$7,090 \$7,323	15 SRSE \$3,979 \$4,985 \$6,542 \$1,116 \$980 \$2,698 \$1,982 \$1,982 \$1,196 \$726 \$7,205 \$7,205 \$7,380	16 SRCE \$4,032 \$5,059 \$6,620 \$1,150 \$1,016 \$2,759 \$2,017 \$1,241 \$753 \$7,304 \$7,263 \$7,547	17 SPPS \$3,947 \$4,952 \$6,451 \$1,115 \$979 \$2,688 \$1,962 \$1,194 \$7,24 \$7,080 \$6,807 \$7,306	18 SPPC \$4,193 \$5,226 \$6,778 \$1,183 \$1,051 \$2,777 \$2,068 \$1,279 \$7,77 \$7,376 \$7,198 \$7,759	19 SPPN \$3,991 \$4,999 \$6,497 \$1,104 \$971 \$2,647 \$1,982 \$1,203 \$729 \$7,143 \$6,805 \$7,368	20 SRSG \$4,159 \$5,215 \$1,085 \$344 \$2,448 \$2,001 \$1,086 \$658 \$7,243 \$7,058 \$7,465	21 CANO NA NA \$1,590 \$1,398 \$3,071 \$2,398 \$1,529 \$934 \$8,299 NA NA	22 CASO NA NA \$1,553 \$1,359 \$3,036 \$2,355 \$1,491 \$910 \$8,203 NA NA	23 NWPP \$4,406 \$5,480 \$7,090 \$1,264 \$1,096 \$2,833 \$2,133 \$1,341 \$816 \$7,585 \$7,640 \$8,083	24 RMRG \$4,119 \$5,159 \$6,658 \$1,023 \$2,303 \$1,975 \$1,051 \$637 \$7,104 \$6,837 \$7,386	25 BASN \$4,297 \$5,353 \$6,967 \$1,106 \$987 \$2,586 \$2,114 \$1,198 \$728 \$7,567 \$7,648 \$8,028	
TechnologyUltra-supercritical coal (USC)USC with 30% CCSUSC with 90% CCSCC—single-shaftCC—multi-shaftCC with 90% CCSInternal combustion engineCT—aeroderivativeCT—industrial frameFuel cellsNuclear—light water reactorNuclear—small modularreactorDistributed generation—base	14 SRCA \$3,920 \$4,939 \$6,485 \$1,103 \$968 \$2,684 \$1,977 \$1,186 \$718 \$7,211 \$7,090 \$7,323 \$1,589	15 SRSE \$3,979 \$4,985 \$6,542 \$1,116 \$980 \$2,698 \$1,982 \$1,982 \$1,196 \$726 \$7,205 \$7,205 \$7,380 \$1,608	16 SRCE \$4,032 \$5,059 \$6,620 \$1,150 \$1,016 \$2,759 \$2,017 \$1,241 \$753 \$7,304 \$7,263 \$7,547 \$1,657	17 SPPS \$3,947 \$4,952 \$6,451 \$1,115 \$979 \$2,688 \$1,962 \$1,194 \$7,24 \$7,080 \$6,807 \$7,306 \$1,606	18 SPPC \$4,193 \$5,226 \$6,778 \$1,183 \$1,051 \$2,777 \$2,068 \$1,279 \$7,77 \$7,376 \$7,198 \$7,759 \$1,705	19 SPPN \$3,991 \$4,999 \$6,497 \$1,104 \$971 \$2,647 \$1,982 \$1,203 \$729 \$7,143 \$6,805 \$7,368 \$1,591	20 SRSG \$4,159 \$5,215 \$6,758 \$1,085 \$934 \$2,448 \$2,001 \$1,086 \$658 \$7,243 \$7,058 \$7,465 \$1,563	21 CANO NA NA \$1,590 \$1,398 \$3,071 \$2,398 \$1,529 \$934 \$8,299 NA NA NA	22 CASO NA NA \$1,553 \$1,359 \$3,036 \$2,355 \$1,491 \$910 \$8,203 NA NA	23 NWPP \$4,406 \$5,480 \$7,090 \$1,264 \$1,096 \$2,833 \$2,133 \$1,341 \$816 \$7,585 \$7,640 \$8,083 \$1,821	24 RMRG \$4,119 \$5,159 \$6,658 \$1,023 \$2,303 \$1,975 \$1,051 \$637 \$7,104 \$6,837 \$7,386 \$1,474	25 BASN \$4,297 \$5,353 \$6,967 \$1,106 \$987 \$2,586 \$2,114 \$1,198 \$728 \$7,567 \$7,648 \$8,028 \$1,593	
TechnologyUltra-supercritical coal (USC)USC with 30% CCSUSC with 90% CCSCC—single-shaftCC—multi-shaftCC with 90% CCSInternal combustion engineCT—aeroderivativeCT—industrial frameFuel cellsNuclear—light water reactorNuclear—small modularreactorDistributed generation—baseDistributed generation—	14 SRCA \$3,920 \$4,939 \$6,485 \$1,103 \$968 \$2,684 \$1,977 \$1,186 \$718 \$7,211 \$7,090 \$7,323 \$1,589 \$1,905	15 SRSE \$3,979 \$4,985 \$6,542 \$1,116 \$980 \$2,698 \$1,982 \$1,196 \$726 \$7,205 \$7,205 \$7,380 \$7,380 \$1,608 \$1,922	16 SRCE \$4,032 \$5,059 \$6,620 \$1,150 \$1,016 \$2,759 \$2,017 \$1,241 \$753 \$7,304 \$7,263 \$7,304 \$7,547 \$1,657 \$1,994	17 SPPS \$3,947 \$4,952 \$6,451 \$1,115 \$979 \$2,688 \$1,962 \$1,194 \$7,24 \$7,080 \$6,807 \$7,306 \$1,606 \$1,919	18 SPPC \$4,193 \$5,226 \$6,778 \$1,183 \$1,051 \$2,777 \$2,068 \$1,279 \$7,77 \$7,376 \$7,376 \$7,198 \$7,759 \$1,705 \$2,055	19 SPPN \$3,991 \$4,999 \$6,497 \$1,104 \$971 \$2,647 \$1,982 \$1,203 \$729 \$7,143 \$6,805 \$7,368 \$1,591 \$1,932	20 \$R\$G \$4,159 \$5,215 \$6,758 \$1,085 \$934 \$2,448 \$2,001 \$1,086 \$658 \$7,243 \$7,058 \$7,243 \$7,058 \$7,465 \$1,563 \$1,744	21 CANO NA NA \$1,590 \$1,398 \$3,071 \$2,398 \$1,529 \$934 \$8,299 NA NA NA \$2,290 \$2,456	22 CASO NA NA \$1,553 \$1,359 \$3,036 \$2,355 \$1,491 \$910 \$8,203 NA NA \$2,238 \$2,238	23 NWPP \$4,406 \$5,480 \$7,090 \$1,264 \$1,096 \$2,833 \$2,133 \$1,341 \$816 \$7,585 \$7,640 \$8,083 \$1,821 \$2,154	24 RMRG \$4,119 \$5,159 \$6,658 \$1,023 \$2,303 \$1,975 \$1,051 \$637 \$7,104 \$6,837 \$7,386 \$1,474 \$1,688	25 BASN \$4,297 \$5,353 \$6,967 \$1,106 \$987 \$2,586 \$2,114 \$1,198 \$728 \$7,567 \$7,648 \$8,028 \$1,593 \$1,924	
TechnologyUltra-supercritical coal (USC)USC with 30% CCSUSC with 90% CCSCC—single-shaftCC—multi-shaftCC with 90% CCSInternal combustion engineCT—aeroderivativeCT—industrial frameFuel cellsNuclear—light water reactorNuclear—small modularreactorDistributed generation—baseDistributed generation—peak	14 SRCA \$3,920 \$4,939 \$6,485 \$1,103 \$968 \$2,684 \$1,977 \$1,186 \$718 \$7,211 \$7,090 \$7,323 \$1,589 \$1,905	15 SRSE \$3,979 \$4,985 \$6,542 \$1,116 \$980 \$2,698 \$1,982 \$1,196 \$726 \$7,205 \$7,205 \$7,380 \$1,608 \$1,922	16 SRCE \$4,032 \$5,059 \$6,620 \$1,150 \$1,016 \$2,759 \$2,017 \$1,241 \$753 \$7,304 \$7,263 \$7,547 \$1,657 \$1,994	17 SPPS \$3,947 \$4,952 \$6,451 \$1,115 \$979 \$2,688 \$1,962 \$1,194 \$7,24 \$7,080 \$6,807 \$7,306 \$1,606 \$1,919	18 SPPC \$4,193 \$5,226 \$6,778 \$1,183 \$1,051 \$2,777 \$2,068 \$1,279 \$7,376 \$7,376 \$7,198 \$7,759 \$1,705 \$2,055	19 SPPN \$3,991 \$4,999 \$6,497 \$1,104 \$971 \$2,647 \$1,982 \$1,203 \$729 \$7,143 \$6,805 \$7,368 \$1,591 \$1,932	20 \$R\$G \$4,159 \$5,215 \$6,758 \$1,085 \$934 \$2,448 \$2,001 \$1,086 \$658 \$7,243 \$7,058 \$7,258 \$7,465 \$1,563 \$1,744	21 CANO NA NA \$1,590 \$1,398 \$3,071 \$2,398 \$1,529 \$934 \$8,299 NA \$8,299 NA \$8,299 NA	22 CASO NA NA \$1,553 \$1,359 \$3,036 \$2,355 \$1,491 \$910 \$8,203 NA NA \$2,238 \$2,394	23 NWPP \$4,406 \$5,480 \$1,264 \$1,096 \$2,833 \$2,133 \$1,341 \$816 \$7,585 \$7,640 \$8,083 \$1,821 \$2,154	24 RMRG \$4,119 \$5,159 \$6,658 \$1,023 \$880 \$2,303 \$1,975 \$1,051 \$6,37 \$7,104 \$6,837 \$7,386 \$1,474 \$1,688	25 BASN \$4,297 \$5,353 \$6,967 \$1,106 \$987 \$2,586 \$2,114 \$1,198 \$728 \$7,567 \$7,648 \$8,028 \$1,593 \$1,924	
TechnologyUltra-supercritical coal (USC)USC with 30% CCSUSC with 90% CCSCC—single-shaftCC—multi-shaftCC with 90% CCSInternal combustion engineCT—aeroderivativeCT—industrial frameFuel cellsNuclear—light water reactorNuclear—small modularreactorDistributed generation—baseDistributed generation—peakBattery storage	14 SRCA \$3,920 \$4,939 \$6,485 \$1,103 \$968 \$2,684 \$1,977 \$1,186 \$7,18 \$7,211 \$7,090 \$7,323 \$1,589 \$1,905 \$1,359	15 SRSE \$3,979 \$4,985 \$6,542 \$1,116 \$980 \$2,698 \$1,982 \$1,196 \$7,205 \$7,205 \$7,205 \$7,380 \$1,608 \$1,922 \$1,340	16 SRCE \$4,032 \$5,059 \$6,620 \$1,150 \$1,016 \$2,759 \$2,017 \$1,241 \$7,53 \$7,304 \$7,263 \$7,547 \$1,657 \$1,994 \$1,357	17 SPPS \$3,947 \$4,952 \$6,451 \$1,115 \$979 \$2,688 \$1,962 \$1,194 \$7,24 \$7,080 \$6,807 \$7,306 \$1,606 \$1,919 \$1,310	18 SPPC \$4,193 \$5,226 \$6,778 \$1,183 \$1,051 \$2,777 \$2,068 \$1,279 \$7,376 \$7,198 \$7,759 \$1,705 \$2,055 \$1,318	19 SPPN \$3,991 \$4,999 \$6,497 \$1,104 \$971 \$2,647 \$1,982 \$1,203 \$7,29 \$7,143 \$6,805 \$7,368 \$1,591 \$1,591 \$1,932 \$1,302	20 SRSG \$4,159 \$5,215 \$6,758 \$1,085 \$934 \$2,448 \$2,001 \$1,086 \$658 \$7,243 \$7,058 \$7,243 \$7,058 \$7,465 \$1,563 \$1,744 \$1,333	21 CANO NA NA \$1,590 \$1,398 \$3,071 \$2,398 \$1,529 \$934 \$8,299 NA \$8,299 NA \$2,290 \$2,456 \$1,371	22 CASO NA NA \$1,553 \$1,359 \$3,036 \$2,355 \$1,491 \$910 \$8,203 NA NA \$2,238 \$2,238 \$2,394 \$2,394	23 NWPP \$4,406 \$5,480 \$1,264 \$1,096 \$2,833 \$2,133 \$1,341 \$816 \$7,585 \$7,640 \$8,083 \$1,821 \$2,154 \$1,348	24 RMRG \$4,119 \$5,159 \$6,658 \$1,023 \$880 \$2,303 \$1,975 \$1,051 \$637 \$7,104 \$6,837 \$7,104 \$6,837 \$7,386 \$1,474 \$1,688	25 BASN \$4,297 \$5,353 \$6,967 \$1,106 \$987 \$2,586 \$2,114 \$1,198 \$7,28 \$7,567 \$7,648 \$8,028 \$1,593 \$1,924 \$1,357	
TechnologyUltra-supercritical coal (USC)USC with 30% CCSUSC with 90% CCSCC—single-shaftCC—multi-shaftCC with 90% CCSInternal combustion engineCT—aeroderivativeCT—industrial frameFuel cellsNuclear—light water reactorNuclear—small modularreactorDistributed generation—baseDistributed generation—peakBattery storageBiomass	14 SRCA \$3,920 \$4,939 \$6,485 \$1,103 \$968 \$2,684 \$1,977 \$1,186 \$718 \$7,211 \$7,090 \$7,323 \$1,589 \$1,905 \$1,359 \$4,364	15 SRSE \$3,979 \$4,985 \$6,542 \$1,116 \$980 \$2,698 \$1,982 \$1,196 \$7,205 \$7,205 \$7,205 \$7,380 \$1,608 \$1,922 \$1,340 \$4,397	16 SRCE \$4,032 \$5,059 \$6,620 \$1,150 \$1,016 \$2,759 \$2,017 \$1,241 \$753 \$7,304 \$7,263 \$7,304 \$7,263 \$7,547 \$1,657 \$1,994 \$1,357 \$4,455	17 SPPS \$3,947 \$4,952 \$6,451 \$1,115 \$979 \$2,688 \$1,962 \$1,194 \$7,080 \$6,807 \$7,306 \$1,606 \$1,919 \$1,310 \$4,368	18 SPPC \$4,193 \$5,226 \$6,778 \$1,183 \$1,051 \$2,777 \$2,068 \$1,279 \$7,376 \$7,198 \$7,759 \$1,705 \$2,055 \$1,318 \$4,641	19 SPPN \$3,991 \$4,999 \$6,497 \$1,104 \$971 \$2,647 \$1,982 \$1,203 \$7,29 \$7,143 \$6,805 \$7,368 \$1,591 \$1,591 \$1,932 \$1,302 \$4,460	20 SRSG \$4,159 \$5,215 \$6,758 \$1,085 \$934 \$2,448 \$2,001 \$1,086 \$658 \$7,243 \$7,058 \$7,465 \$1,563 \$1,744 \$1,333 \$4,777	21 CANO NA NA \$1,590 \$1,398 \$3,071 \$2,398 \$1,529 \$934 \$8,299 NA NA S2,290 \$2,456 \$1,371 \$6,119	22 CASO NA NA \$1,553 \$1,359 \$3,036 \$2,355 \$1,491 \$910 \$8,203 NA NA \$2,238 \$2,238 \$2,394 \$2,394	23 NWPP \$4,406 \$5,480 \$7,090 \$1,264 \$1,096 \$2,833 \$2,133 \$1,341 \$816 \$7,585 \$7,640 \$8,083 \$1,821 \$2,154 \$2,154 \$1,348 \$4,939	24 RMRG \$4,119 \$5,159 \$6,658 \$1,023 \$880 \$2,303 \$1,975 \$1,051 \$637 \$7,104 \$6,837 \$7,104 \$6,837 \$7,386 \$1,474 \$1,688 \$1,305 \$4,732	25 BASN \$4,297 \$5,353 \$6,967 \$1,106 \$987 \$2,586 \$2,114 \$1,198 \$7,28 \$7,567 \$7,648 \$8,028 \$1,593 \$1,924 \$1,357 \$4,731	
TechnologyUltra-supercritical coal (USC)USC with 30% CCSUSC with 90% CCSCC—single-shaftCC—multi-shaftCC with 90% CCSInternal combustion engineCT—aeroderivativeCT— industrial frameFuel cellsNuclear—light water reactorNuclear—small modularreactorDistributed generation—baseDistributed generation—peakBattery storageBiomassGeothermal	14 SRCA \$3,920 \$4,939 \$6,485 \$1,103 \$968 \$2,684 \$1,977 \$1,186 \$718 \$7,211 \$7,211 \$7,090 \$7,323 \$1,589 \$1,905 \$1,359 \$4,364 NA	15 SRSE \$3,979 \$4,985 \$6,542 \$1,116 \$980 \$2,698 \$1,982 \$1,982 \$1,196 \$7,205 \$7,205 \$7,205 \$7,205 \$7,380 \$1,608 \$1,922 \$1,340 \$4,397 NA	16 SRCE \$4,032 \$5,059 \$6,620 \$1,150 \$1,016 \$2,759 \$2,017 \$1,241 \$753 \$7,304 \$7,263 \$7,304 \$7,263 \$7,547 \$1,657 \$1,994 \$1,357 \$4,455 NA	17 SPPS \$3,947 \$4,952 \$6,451 \$1,115 \$979 \$2,688 \$1,962 \$1,194 \$7,080 \$6,807 \$7,306 \$1,606 \$1,919 \$1,310 \$4,368 NA	18 SPPC \$4,193 \$5,226 \$6,778 \$1,183 \$1,051 \$2,777 \$2,068 \$1,279 \$7777 \$7,376 \$7,376 \$7,376 \$7,198 \$7,759 \$1,705 \$2,055 \$1,318 \$4,641 NA	19 SPPN \$3,991 \$4,999 \$6,497 \$1,104 \$971 \$2,647 \$1,982 \$1,203 \$729 \$7,143 \$6,805 \$7,368 \$1,591 \$1,591 \$1,932 \$1,302 \$4,460 NA	20 SRSG \$4,159 \$5,215 \$6,758 \$1,085 \$934 \$2,448 \$2,001 \$1,086 \$658 \$7,243 \$7,058 \$7,465 \$1,563 \$1,744 \$1,333 \$4,777 \$3,135	21 CANO NA NA \$1,590 \$1,398 \$3,071 \$2,398 \$1,529 \$934 \$8,299 NA NA \$2,290 \$2,456 \$1,371 \$6,119 \$3,109	22 CASO NA NA \$1,553 \$1,359 \$3,036 \$2,355 \$1,491 \$910 \$8,203 NA NA \$2,238 \$2,394 \$2,394 \$2,394	23 NWPP \$4,406 \$5,480 \$7,090 \$1,264 \$1,096 \$2,833 \$2,133 \$1,341 \$816 \$7,585 \$7,640 \$8,083 \$1,821 \$2,154 \$1,348 \$4,939 \$3,043	24 RMRG \$4,119 \$5,159 \$6,658 \$1,023 \$880 \$2,303 \$1,975 \$1,051 \$637 \$7,104 \$6,837 \$7,104 \$6,837 \$7,386 \$1,474 \$1,688 \$1,305 \$4,732 NA	25 BASN \$4,297 \$5,353 \$6,967 \$1,106 \$987 \$2,586 \$2,114 \$1,198 \$7,28 \$7,567 \$7,648 \$8,028 \$1,593 \$1,924 \$1,357 \$4,731 \$3,076	
TechnologyUltra-supercritical coal (USC)USC with 30% CCSUSC with 90% CCSCC—single-shaftCC—multi-shaftCC with 90% CCSInternal combustion engineCT—aeroderivativeCT—industrial frameFuel cellsNuclear—light water reactorNuclear—small modularreactorDistributed generation—baseDistributed generation—peakBattery storageBiomassGeothermalConventional hydropower	14 SRCA \$3,920 \$4,939 \$6,485 \$1,103 \$968 \$2,684 \$1,977 \$1,186 \$7,11 \$7,211 \$7,211 \$7,090 \$7,323 \$1,589 \$1,905 \$1,359 \$4,364 NA \$2,120	15 SRSE \$3,979 \$4,985 \$6,542 \$1,116 \$980 \$2,698 \$1,982 \$1,982 \$1,196 \$7,205 \$7,205 \$7,205 \$7,205 \$7,205 \$7,205 \$7,205 \$7,205 \$7,205 \$7,205 \$7,205 \$7,205 \$7,205 \$7,205 \$1,140 \$1,922 \$1,340 \$4,397 NA \$4,599	16 SRCE \$4,032 \$5,059 \$6,620 \$1,150 \$1,016 \$2,759 \$2,017 \$1,241 \$753 \$7,304 \$7,304 \$7,263 \$7,304 \$7,263 \$7,547 \$1,657 \$1,994 \$1,357 \$1,357 \$4,455 NA \$2,377	17 SPPS \$3,947 \$4,952 \$6,451 \$1,115 \$979 \$2,688 \$1,962 \$1,194 \$7,24 \$7,080 \$6,807 \$7,306 \$1,606 \$1,919 \$1,310 \$4,368 NA \$4,550	18 SPPC \$4,193 \$5,226 \$6,778 \$1,183 \$1,051 \$2,777 \$2,068 \$1,279 \$777 \$7,376 \$7,376 \$7,376 \$7,198 \$7,759 \$1,705 \$2,055 \$1,318 \$4,641 NA \$1,917	19 SPPN \$3,991 \$4,999 \$6,497 \$1,104 \$971 \$2,647 \$1,982 \$1,203 \$729 \$7,143 \$6,805 \$7,368 \$1,591 \$1,591 \$1,932 \$1,302 \$4,460 NA \$1,802	20 SRSG \$4,159 \$5,215 \$6,758 \$1,085 \$934 \$2,448 \$2,001 \$1,086 \$658 \$7,243 \$7,058 \$7,243 \$7,058 \$7,243 \$1,563 \$1,746 \$1,563 \$1,744 \$1,333 \$4,777 \$3,135 \$3,655	21 CANO NA NA \$1,590 \$1,398 \$3,071 \$2,398 \$1,529 \$934 \$8,299 NA NA \$2,290 \$2,456 \$1,371 \$6,119 \$3,109 \$3,867	22 CASO NA NA \$1,553 \$1,359 \$3,036 \$2,355 \$1,491 \$910 \$8,203 NA NA \$2,238 \$2,394 \$2,394 \$1,373 \$5,981 \$2,517 \$3,723	23 NWPP \$4,406 \$5,480 \$1,096 \$2,833 \$2,133 \$1,341 \$816 \$7,585 \$7,640 \$8,083 \$1,821 \$2,154 \$1,348 \$4,939 \$3,043 \$3,083	24 RMRG \$4,119 \$5,159 \$6,658 \$1,023 \$880 \$2,303 \$1,975 \$1,051 \$637 \$7,104 \$6,837 \$7,104 \$6,837 \$7,104 \$6,837 \$7,386 \$1,474 \$1,688	25 BASN \$4,297 \$5,353 \$6,967 \$1,106 \$987 \$2,586 \$2,114 \$1,198 \$7,28 \$7,567 \$7,648 \$8,028 \$1,593 \$1,924 \$1,357 \$1,357 \$4,731 \$3,076 \$4,023	
TechnologyUltra-supercritical coal (USC)USC with 30% CCSUSC with 90% CCSCC—single-shaftCC—multi-shaftCC with 90% CCSInternal combustion engineCT—aeroderivativeCT—industrial frameFuel cellsNuclear—light water reactorNuclear—small modularreactorDistributed generation—baseDistributed generation—peakBattery storageBiomassGeothermalConventional hydropowerWind	14 SRCA \$3,920 \$4,939 \$6,485 \$1,103 \$968 \$2,684 \$1,977 \$1,186 \$7,18 \$7,211 \$7,090 \$7,323 \$1,589 \$1,905 \$1,359 \$4,364 NA \$2,120 \$1,683	15 SRSE \$3,979 \$4,985 \$6,542 \$1,116 \$980 \$2,698 \$1,982 \$1,196 \$7,205 \$7,205 \$7,205 \$7,205 \$7,205 \$7,205 \$7,205 \$7,205 \$1,922 \$1,340 \$4,397 NA \$4,599 \$1,907	16 SRCE \$4,032 \$5,059 \$6,620 \$1,150 \$1,016 \$2,759 \$2,017 \$1,241 \$753 \$7,304 \$7,263 \$7,304 \$7,263 \$7,304 \$1,241 \$1,357 \$1,994 \$1,357 \$4,455 NA \$2,377 \$1,411	17 SPPS \$3,947 \$4,952 \$6,451 \$1,115 \$979 \$2,688 \$1,962 \$1,194 \$7,24 \$7,080 \$6,807 \$7,080 \$6,807 \$7,306 \$1,606 \$1,919 \$1,310 \$4,368 NA \$4,550 \$1,411	18 SPPC \$4,193 \$5,226 \$6,778 \$1,183 \$1,051 \$2,777 \$2,068 \$1,279 \$7777 \$7,376 \$7,376 \$7,198 \$7,759 \$1,705 \$2,055 \$1,318 \$4,641 NA \$1,917 \$1,552	19 SPPN \$3,991 \$4,999 \$6,497 \$1,104 \$971 \$2,647 \$1,982 \$1,203 \$7,29 \$7,143 \$6,805 \$7,143 \$6,805 \$7,143 \$6,805 \$7,143 \$6,805 \$7,143 \$6,805 \$7,143 \$1,591 \$1,591 \$1,302 \$1,302 \$4,460 NA \$1,802 \$1,552	20 SRSG \$4,159 \$5,215 \$6,758 \$1,085 \$934 \$2,448 \$2,001 \$1,086 \$658 \$7,243 \$7,058 \$7,243 \$7,058 \$7,243 \$1,765 \$1,563 \$1,744 \$1,333 \$4,777 \$3,135 \$3,655 \$1,411	21 CANO NA NA \$1,590 \$1,398 \$3,071 \$2,398 \$1,529 \$934 \$8,299 NA NA \$2,290 \$2,456 \$1,371 \$6,119 \$3,109 \$3,867 \$3,116	22 CASO NA NA \$1,553 \$1,359 \$3,036 \$2,355 \$1,491 \$910 \$8,203 NA NA \$2,238 \$2,238 \$2,394 \$2,517 \$3,723 \$2,447	23 NWPP \$4,406 \$5,480 \$1,096 \$2,833 \$2,133 \$1,341 \$816 \$7,585 \$7,640 \$8,083 \$1,821 \$2,154 \$1,348 \$4,939 \$3,043 \$3,083	24 RMRG \$4,119 \$5,159 \$6,658 \$1,023 \$880 \$2,303 \$1,975 \$1,051 \$637 \$7,104 \$6,837 \$7,104 \$6,837 \$7,104 \$6,837 \$7,104 \$6,837 \$7,104 \$6,837 \$1,474 \$1,688 \$1,305 \$4,732 NA \$3,681 \$1,411	25 BASN \$4,297 \$5,353 \$6,967 \$1,106 \$987 \$2,586 \$2,114 \$1,198 \$7,28 \$7,567 \$7,648 \$8,028 \$1,593 \$1,924 \$1,357 \$4,731 \$3,076 \$4,023 \$1,411	
TechnologyUltra-supercritical coal (USC)USC with 30% CCSUSC with 90% CCSCC—single-shaftCC—multi-shaftCC with 90% CCSInternal combustion engineCT—aeroderivativeCT—industrial frameFuel cellsNuclear—light water reactorNuclear—small modularreactorDistributed generation—baseDistributed generation—peakBattery storageBiomassGeothermalConventional hydropowerWindWind offshore	14 SRCA \$3,920 \$4,939 \$6,485 \$1,103 \$968 \$2,684 \$1,977 \$1,186 \$7,18 \$7,211 \$7,090 \$7,323 \$1,589 \$1,905 \$1,359 \$4,364 NA \$2,120 \$1,683 \$5,437	15 SRSE \$3,979 \$4,985 \$6,542 \$1,116 \$980 \$2,698 \$1,982 \$1,196 \$7,205 \$7,205 \$7,205 \$7,205 \$7,205 \$7,205 \$7,205 \$1,922 \$1,400 \$1,922 \$1,340 \$4,397 NA \$4,599 \$1,907 NA	16 SRCE \$4,032 \$5,059 \$6,620 \$1,150 \$1,016 \$2,759 \$2,017 \$1,241 \$753 \$7,304 \$7,263 \$7,304 \$7,263 \$7,304 \$1,257 \$1,657 \$1,994 \$1,357 \$1,357 \$4,455 NA \$2,377 \$1,411 NA	17 SPPS \$3,947 \$4,952 \$6,451 \$1,115 \$979 \$2,688 \$1,962 \$1,194 \$7,24 \$7,080 \$6,807 \$7,306 \$1,606 \$1,919 \$1,310 \$4,368 NA \$4,550 \$1,411 NA	18 SPPC \$4,193 \$5,226 \$6,778 \$1,183 \$1,051 \$2,777 \$2,068 \$1,279 \$7777 \$7,376 \$7,376 \$7,198 \$7,759 \$1,705 \$2,055 \$1,318 \$4,641 NA \$1,917 \$1,552 NA	19 SPPN \$3,991 \$4,999 \$6,497 \$1,104 \$971 \$2,647 \$1,982 \$1,203 \$7,29 \$7,143 \$6,805 \$7,143 \$6,805 \$7,143 \$6,805 \$7,143 \$1,591 \$1,591 \$1,302 \$1,302 \$4,460 NA \$1,802 \$1,552 NA	20 SRSG \$4,159 \$5,215 \$6,758 \$1,085 \$934 \$2,448 \$2,001 \$1,086 \$658 \$7,243 \$7,058 \$7,243 \$7,058 \$7,243 \$7,058 \$1,746 \$1,563 \$1,744 \$1,333 \$4,777 \$3,135 \$3,655 \$1,411 NA	21 CANO NA NA \$1,590 \$1,398 \$3,071 \$2,398 \$1,529 \$934 \$8,299 NA NA \$2,290 \$2,456 \$1,371 \$6,119 \$3,109 \$3,867 \$3,116 \$9,112	22 CASO NA NA S1,553 \$1,359 \$3,036 \$2,355 \$1,491 \$910 \$8,203 NA NA \$2,238 \$2,394 \$2,238 \$2,394 \$1,373 \$5,981 \$2,517 \$3,723 \$2,447 \$9,560	23 NWPP \$4,406 \$5,480 \$1,264 \$1,096 \$2,833 \$2,133 \$1,341 \$816 \$7,585 \$7,640 \$8,083 \$1,821 \$2,154 \$1,348 \$4,939 \$3,043 \$3,083 \$2,057 \$6,836	24 RMRG \$4,119 \$5,159 \$6,658 \$1,023 \$880 \$2,303 \$1,975 \$1,051 \$637 \$7,104 \$6,837 \$7,104 \$6,837 \$7,104 \$6,837 \$7,386 \$1,474 \$1,688 \$1,305 \$4,732 NA \$3,681 \$1,411 NA	25 BASN \$4,297 \$5,353 \$6,967 \$1,106 \$987 \$2,586 \$2,114 \$1,198 \$7,28 \$7,567 \$7,648 \$8,028 \$1,593 \$1,924 \$1,357 \$4,731 \$3,076 \$4,023 \$1,411 NA	
TechnologyUltra-supercritical coal (USC)USC with 30% CCSUSC with 90% CCSCC—single-shaftCC—multi-shaftCC with 90% CCSInternal combustion engineCT—aeroderivativeCT—industrial frameFuel cellsNuclear—light water reactorNuclear—small modularreactorDistributed generation—baseDistributed generation—peakBattery storageBiomassGeothermalConventional hydropowerWindWind offshoreSolar thermal	14 SRCA \$3,920 \$4,939 \$6,485 \$1,103 \$968 \$2,684 \$1,977 \$1,186 \$7,18 \$7,211 \$7,090 \$7,323 \$1,589 \$1,589 \$1,359 \$4,364 NA \$2,120 \$1,683 \$5,437 NA	15 SRSE \$3,979 \$4,985 \$6,542 \$1,116 \$980 \$2,698 \$1,982 \$1,982 \$1,196 \$7,205 \$1,922 \$1,922 \$1,922 \$1,922 \$1,920 \$1,922 \$1,920 \$1,922 \$1,920 \$1,922 \$1,920 \$1,920 \$1,920 \$1,920 \$1,920 \$1,920 \$1,907 NA \$4,599 \$1,907 NA	16 SRCE \$4,032 \$5,059 \$6,620 \$1,150 \$1,016 \$2,759 \$2,017 \$1,241 \$7,53 \$7,304 \$7,263 \$7,304 \$7,263 \$7,304 \$1,257 \$1,657 \$1,994 \$1,357 \$1,357 \$4,455 NA \$2,377 \$1,411 NA NA	17 SPPS \$3,947 \$4,952 \$6,451 \$1,115 \$979 \$2,688 \$1,962 \$1,194 \$7,24 \$7,080 \$6,807 \$7,306 \$1,606 \$1,919 \$1,310 \$4,368 NA \$4,550 \$1,411 NA \$7,693	18 SPPC \$4,193 \$5,226 \$6,778 \$1,183 \$1,051 \$2,777 \$2,068 \$1,279 \$7777 \$7,376 \$7,198 \$7,759 \$1,705 \$2,055 \$1,318 \$4,641 NA \$1,917 \$1,552 NA \$7,991	19 SPPN \$3,991 \$4,999 \$6,497 \$1,104 \$971 \$2,647 \$1,982 \$1,203 \$7,29 \$7,143 \$6,805 \$7,143 \$6,805 \$7,143 \$6,805 \$7,143 \$1,591 \$1,591 \$1,302 \$1,302 \$4,460 NA \$1,802 \$1,552 NA \$7,614	20 SRSG \$4,159 \$5,215 \$6,758 \$1,085 \$934 \$2,448 \$2,001 \$1,086 \$658 \$7,243 \$7,058 \$7,243 \$7,058 \$7,243 \$7,058 \$1,563 \$1,563 \$1,744 \$1,333 \$4,777 \$3,135 \$3,655 \$1,411 NA \$7,980	21 CANO NA NA \$1,590 \$1,398 \$3,071 \$2,398 \$1,529 \$934 \$8,299 NA NA \$2,290 \$2,456 \$1,371 \$6,119 \$3,109 \$3,867 \$3,116 \$9,112 \$9,400	22 CASO NA NA S1,553 \$1,359 \$3,036 \$2,355 \$1,491 \$910 \$8,203 NA NA \$2,238 \$2,238 \$2,394 \$2,238 \$2,394 \$2,517 \$3,723 \$2,447 \$9,560 \$9,282	23 NWPP \$4,406 \$5,480 \$1,264 \$1,096 \$2,833 \$2,133 \$1,341 \$816 \$7,585 \$7,640 \$8,083 \$1,821 \$2,154 \$1,348 \$4,939 \$3,043 \$3,083 \$2,057 \$6,836 \$8,493	24 RMRG \$4,119 \$5,159 \$6,658 \$1,023 \$880 \$2,303 \$1,975 \$1,051 \$637 \$7,104 \$6,837 \$7,104 \$6,837 \$7,104 \$6,837 \$7,104 \$6,837 \$7,104 \$1,05 \$4,732 NA \$3,681 \$1,411 NA \$7,668	25 BASN \$4,297 \$5,353 \$6,967 \$1,106 \$987 \$2,586 \$2,114 \$1,198 \$7,28 \$7,567 \$7,648 \$8,028 \$1,593 \$1,924 \$1,357 \$4,731 \$3,076 \$4,023 \$1,411 NA \$8,510	
TechnologyUltra-supercritical coal (USC)USC with 30% CCSUSC with 90% CCSCC—single-shaftCC—multi-shaftCC with 90% CCSInternal combustion engineCT—aeroderivativeCT—industrial frameFuel cellsNuclear—light water reactorNuclear—small modularreactorDistributed generation—baseDistributed generation—peakBattery storageBiomassGeothermalConventional hydropowerWindWind offshoreSolar thermalSolar PV with tracking	14 SRCA \$3,920 \$4,939 \$6,485 \$1,103 \$968 \$2,684 \$1,977 \$1,186 \$7,18 \$7,211 \$7,090 \$7,323 \$1,589 \$1,589 \$1,359 \$4,364 NA \$2,120 \$1,683 \$5,437 NA \$1,343	15 SRSE \$3,979 \$4,985 \$6,542 \$1,116 \$980 \$2,698 \$1,982 \$1,982 \$1,196 \$7,205 \$7,035 \$7,035 \$7,035 \$7,035 \$7,035 \$7,035 \$1,608 \$1,922 \$1,400 \$4,397 NA \$4,599 \$1,907 NA \$4,526	16 SRCE \$4,032 \$5,059 \$6,620 \$1,150 \$1,016 \$2,759 \$2,017 \$1,241 \$753 \$7,304 \$7,263 \$7,304 \$7,263 \$7,263 \$7,547 \$1,657 \$1,657 \$1,994 \$1,357 \$4,455 NA \$2,377 \$1,411 NA NA \$1,318	17 SPPS \$3,947 \$4,952 \$6,451 \$1,115 \$979 \$2,688 \$1,962 \$1,194 \$7,24 \$7,080 \$6,807 \$7,306 \$1,606 \$1,919 \$1,310 \$4,368 NA \$4,550 \$1,411 NA \$7,693 \$1,278	18 SPPC \$4,193 \$5,226 \$6,778 \$1,183 \$1,051 \$2,777 \$2,068 \$1,279 \$7,777 \$7,376 \$7,376 \$7,198 \$7,198 \$7,759 \$1,705 \$2,055 \$1,318 \$4,641 NA \$1,917 \$1,552 NA \$7,991 \$1,328	19 SPPN \$3,991 \$4,999 \$6,497 \$1,104 \$971 \$2,647 \$1,982 \$1,203 \$7,29 \$7,143 \$6,805 \$7,143 \$6,805 \$7,143 \$6,805 \$7,143 \$1,591 \$1,591 \$1,591 \$1,302 \$4,460 NA \$1,802 \$1,552 NA \$7,614 \$1,287	20 SRSG \$4,159 \$5,215 \$6,758 \$1,085 \$934 \$2,448 \$2,001 \$1,086 \$658 \$7,243 \$7,058 \$7,243 \$7,058 \$7,243 \$7,058 \$1,563 \$1,563 \$1,744 \$1,333 \$4,777 \$3,135 \$3,655 \$1,411 NA \$7,980 \$1,300	21 CANO NA NA \$1,590 \$1,398 \$3,071 \$2,398 \$1,529 \$934 \$8,299 NA NA \$2,290 \$2,456 \$1,371 \$6,119 \$3,109 \$3,867 \$3,116 \$9,112 \$9,400 \$1,447	22 CASO NA NA \$1,553 \$1,359 \$3,036 \$2,355 \$1,491 \$910 \$8,203 NA NA \$2,238 \$2,238 \$2,394 \$2,238 \$2,394 \$2,517 \$3,723 \$2,447 \$9,560 \$9,282 \$1,440	23 NWPP \$4,406 \$5,480 \$1,264 \$1,096 \$2,833 \$2,133 \$1,341 \$816 \$7,585 \$7,640 \$8,083 \$1,821 \$2,154 \$1,348 \$4,939 \$3,043 \$3,083 \$2,057 \$6,836 \$8,493 \$1,332	24 RMRG \$4,119 \$5,159 \$6,658 \$1,023 \$880 \$2,303 \$1,975 \$1,051 \$637 \$7,104 \$6,837 \$1,474 \$1,688 \$1,305 \$4,732 NA \$3,681 \$1,411 NA \$7,668 \$1,315	25 BASN \$4,297 \$5,353 \$6,967 \$1,106 \$987 \$2,586 \$2,114 \$1,198 \$7,28 \$7,567 \$7,648 \$8,028 \$1,593 \$1,924 \$1,357 \$4,731 \$3,076 \$4,023 \$1,411 NA \$8,510 \$1,327	
TechnologyUltra-supercritical coal (USC)USC with 30% CCSUSC with 90% CCSCC—single-shaftCC—multi-shaftCC with 90% CCSInternal combustion engineCT—aeroderivativeCT—industrial frameFuel cellsNuclear—light water reactorNuclear—small modularreactorDistributed generation—baseDistributed generation—peakBattery storageBiomassGeothermalConventional hydropowerWindWind offshoreSolar thermalSolar PV with storage	14 SRCA \$3,920 \$4,939 \$6,485 \$1,103 \$968 \$2,684 \$1,977 \$1,186 \$7,18 \$7,211 \$7,090 \$7,323 \$1,589 \$1,905 \$1,359 \$4,364 NA \$2,120 \$1,683 \$5,437 NA \$1,343 \$1,343	15 SRSE \$3,979 \$4,985 \$6,542 \$1,116 \$980 \$2,698 \$1,982 \$1,982 \$1,196 \$7,205 \$7,035 \$1,922 \$1,922 \$1,927 NA \$4,599 \$1,907 NA \$4,599 \$1,907 NA \$4,526 \$1,921	16 SRCE \$4,032 \$5,059 \$6,620 \$1,150 \$1,016 \$2,759 \$2,017 \$1,241 \$7,53 \$7,304 \$7,263 \$7,304 \$7,263 \$7,547 \$1,657 \$1,657 \$1,994 \$1,357 \$4,455 NA \$2,377 \$1,411 NA NA \$1,318 \$1,742	17 SPPS \$3,947 \$4,952 \$6,451 \$1,115 \$979 \$2,688 \$1,962 \$1,194 \$7,24 \$7,080 \$6,807 \$7,306 \$1,606 \$1,919 \$1,310 \$4,368 NA \$4,550 \$1,411 NA \$7,693 \$1,278 \$1,709	18 SPPC \$4,193 \$5,226 \$6,778 \$1,183 \$1,051 \$2,777 \$2,068 \$1,279 \$7,776 \$7,376 \$7,198 \$7,759 \$1,705 \$2,055 \$1,318 \$4,641 NA \$1,917 \$1,552 NA \$7,991 \$1,328 \$1,765	19 SPPN \$3,991 \$4,999 \$6,497 \$1,104 \$971 \$2,647 \$1,982 \$1,203 \$7,29 \$7,143 \$6,805 \$7,143 \$6,805 \$7,368 \$1,591 \$1,591 \$1,302 \$4,460 NA \$1,802 \$1,552 NA \$7,614 \$1,287 \$1,727	20 SRSG \$4,159 \$5,215 \$6,758 \$1,085 \$934 \$2,448 \$2,001 \$1,086 \$658 \$7,243 \$7,058 \$7,243 \$7,058 \$7,243 \$7,058 \$1,563 \$1,563 \$1,746 \$1,333 \$4,777 \$3,135 \$3,655 \$1,411 NA \$7,980 \$1,300 \$1,736	21 CANO NA NA \$1,590 \$1,398 \$3,071 \$2,398 \$1,529 \$934 \$8,299 NA NA \$2,290 \$2,456 \$1,371 \$6,119 \$3,109 \$3,867 \$3,116 \$9,112 \$9,400 \$1,447 \$1,903	22 CASO NA NA \$1,553 \$1,359 \$3,036 \$2,355 \$1,491 \$910 \$8,203 NA NA \$2,238 \$2,238 \$2,394 \$2,238 \$2,394 \$1,373 \$5,981 \$2,517 \$3,723 \$2,447 \$9,560 \$9,282 \$1,440 \$1,898	23 NWPP \$4,406 \$5,480 \$7,090 \$1,264 \$1,096 \$2,833 \$2,133 \$1,341 \$816 \$7,585 \$7,640 \$8,083 \$1,821 \$2,154 \$1,348 \$4,939 \$3,043 \$3,083 \$2,057 \$6,836 \$8,493 \$1,332	24 RMRG \$4,119 \$5,159 \$6,658 \$1,023 \$880 \$2,303 \$1,975 \$1,051 \$6,337 \$7,104 \$6,837 \$7,104 \$6,837 \$7,104 \$6,837 \$7,104 \$6,837 \$7,104 \$6,837 \$7,104 \$6,837 \$7,104 \$6,837 \$7,104 \$6,837 \$7,104 \$6,837 \$1,05 \$1,474 \$1,688 \$1,305 \$1,411 NA \$7,668 \$1,315 \$1,729	25 BASN \$4,297 \$5,353 \$6,967 \$1,106 \$987 \$2,586 \$2,114 \$1,198 \$7,28 \$7,567 \$7,648 \$8,028 \$1,593 \$1,924 \$1,357 \$4,731 \$3,076 \$4,023 \$1,411 NA \$8,510 \$1,327 \$1,791	

Source: U.S. Energy Information Administration, Office of Electricity, Coal, Nuclear and Renewables Analysis

Notes: Costs include contingency factors, regional cost multipliers, and ambient condition multipliers. Interest charges are excluded. The costs are shown before investment tax credits are applied.

NA = not available; plant type cannot be built in the region because of a lack of resources, sites, or specific state legislation.

USC = ultra-supercritical, CCS = carbon capture and sequestration, CC = combined cycle, CT = combustion turbine, PV = photovoltaic

Electricity Market Module region map