

Section 13: Blast Furnace and Coke Oven Gases

	Census use only	60 Blast Furnace Gas -	61 Coke Oven Gas -
<p>127. Was this energy source (column) either purchased or consumed in this establishment during 1998?</p>	000	<div style="border: 1px solid black; padding: 2px; display: inline-block;">1 9 Yes</div> Go to question 128	<div style="border: 1px solid black; padding: 2px; display: inline-block;">1 9 Yes</div> Go to question 128
		<div style="border: 1px solid black; padding: 2px; display: inline-block;">2 9 No</div> Go to next column	<div style="border: 1px solid black; padding: 2px; display: inline-block;">2 9 No</div> Go to Section 14, page 34
<p>128. Enter quantity purchased by, and delivered to, this establishment in 1998, regardless of when payment was made.</p> <p style="font-size: small;">Include quantities that were purchased for any onsite use, e.g., process heating or cooling, building heating or cooling, machine drive, or as raw material input to any manufacturing operation (feedstock).</p> <p style="font-size: small;">Exclude quantities: 1) purchased centrally within your company, 2) delivered from other establishments of your company, or 3) for which payment was made in-kind.</p>	010	<div style="border: 1px solid black; height: 20px; width: 100%;"></div> Million Btu	<div style="border: 1px solid black; height: 20px; width: 100%;"></div> Million Btu
<p>129. Enter total expenditures, including taxes and delivery charges, for the quantity reported in question 128.</p> <p style="font-size: small;">Include all expenditures regardless of when payment was made.</p>	020	<div style="border: 1px solid black; padding: 2px; display: inline-block;">\$</div> U.S. Dollars	<div style="border: 1px solid black; padding: 2px; display: inline-block;">\$</div> U.S. Dollars
<p>130. Enter total quantity of transfers in and central purchases received in this establishment in 1998.</p> <p style="font-size: small;">Include quantities: 1) delivered from any other establishment(s) in your company, 2) transferred from other establishments of your company for which payment was not made, 3) purchased centrally within your company, separate from this establishment, or 4) for which payment was made in-kind.</p> <p style="font-size: small;">Exclude quantities reported in question 128.</p>	030	<div style="border: 1px solid black; height: 20px; width: 100%;"></div> Million Btu	<div style="border: 1px solid black; height: 20px; width: 100%;"></div> Million Btu
<p>131. Enter quantity that was both produced onsite in 1998 as a product, a byproduct, or a waste material, and was at least partially consumed onsite (as a fuel or nonfuel).</p>	040	<div style="border: 1px solid black; height: 20px; width: 100%;"></div> Million Btu	<div style="border: 1px solid black; height: 20px; width: 100%;"></div> Million Btu

Continue to next page

Section 13: Blast Furnace and Coke Oven Gases, cont.

	Census use only	60 Blast Furnace Gas -	61 Coke Oven Gas -
<p>132. Enter quantity consumed as a fuel for the production of heat, steam, power, or the generation of electricity onsite at this establishment in 1998.</p> <p>Include all process uses such as process heating, process cooling, and machine drive and all nonprocess uses such as facility heating, ventilation and air conditioning.</p> <p>Include fuel consumed by vehicles intended primarily for use onsite, e.g., forklifts, intra-plant shuttles, loaders and other materials-handling equipment operated solely within the boundaries of the establishment site.</p>	060	<div style="border: 1px solid black; height: 20px; width: 100%;"></div> <p style="text-align: center;">Million Btu</p>	<div style="border: 1px solid black; height: 20px; width: 100%;"></div> <p style="text-align: center;">Million Btu</p>
<p>133. Enter quantity consumed for any purpose <u>other than fuel use</u> at this establishment in 1998.</p> <p>Include all quantities consumed as lubricants, solvents, or as feedstocks, raw materials, additives, or ingredients for products manufactured by this establishment.</p> <p>Exclude all offsite dispositions such as sales and transfers to other establishments.</p>	070	<div style="border: 1px solid black; height: 20px; width: 100%;"></div> <p style="text-align: center;">Million Btu</p>	<div style="border: 1px solid black; height: 20px; width: 100%;"></div> <p style="text-align: center;">Million Btu</p>
<p>134. Enter the quantity shipped offsite from this establishment to any other establishment (manufacturing or nonmanufacturing) in 1998.</p>	080	<div style="border: 1px solid black; height: 20px; width: 100%;"></div> <p style="text-align: center;">Million Btu</p>	<div style="border: 1px solid black; height: 20px; width: 100%;"></div> <p style="text-align: center;">Million Btu</p>
<p>135. < Answer questions 127 through 134 for both energy sources (columns).</p> <p>< Then go to question 136, Section 14, next page.</p>		<p>Go to question 127, next column</p>	<p>Go to Section 14, next page</p>

Section 14: Agricultural Waste, Pulping or Black Liquor, and Waste Oils & Tars

Note: Report quantities in this section in millions of British thermal units (Btu).

See the conversion factors on page 4 of this questionnaire.

136. Was this energy source (column) either purchased or consumed in this establishment during 1998?

	90 Agricultural Waste (e.g., bagasse, rice hulls, nut shells, orchard prunings)	73 Pulping or Black Liquor	71 Waste Oils and Tars
000	- 1 9 Yes Go to question 137	- 1 9 Yes Go to question 137	- 1 9 Yes Go to question 137
	2 9 No Go to next column	2 9 No Go to next column	2 9 No Go to Section 15, page 36

137. Enter quantity purchased by, and delivered to, this establishment in 1998, regardless of when payment was made.

010	<input style="width: 90%;" type="text"/> Million Btu	<input style="width: 90%;" type="text"/> Million Btu	<input style="width: 90%;" type="text"/> Million Btu
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Include quantities that were purchased for any onsite use, e.g., process heating or cooling, building heating or cooling, machine drive, or as raw material input to any manufacturing operation (feedstock).

Exclude quantities: 1) purchased centrally within your company, 2) delivered from other establishments of your company, or 3) for which payment was made in-kind.

138. Enter total expenditures, including taxes and delivery charges, for the quantity reported in question 137.

020	\$ <input style="width: 90%;" type="text"/> U.S. Dollars	\$ <input style="width: 90%;" type="text"/> U.S. Dollars	\$ <input style="width: 90%;" type="text"/> U.S. Dollars
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Include all expenditures regardless of when payment was made.

139. Enter total quantity of transfers in and central purchases received in this establishment in 1998.

030	<input style="width: 90%;" type="text"/> Million Btu	<input style="width: 90%;" type="text"/> Million Btu	<input style="width: 90%;" type="text"/> Million Btu
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Include quantities: 1) delivered from any other establishment(s) in your company, 2) transferred from other establishments of your company for which payment was not made, 3) purchased centrally within your company, separate from this establishment, or 4) for which payment was made in-kind.

Exclude quantities reported in question 137.

Continue to next page

Section 14: Agricultural Waste, Pulping or Black Liquor, and Waste Oils & Tars, cont.

Cen- sus use only	90 Agricultural Waste -	73 Pulping or Black Liquor -	71 Waste Oils and Tars -
040	<input style="width: 100%; height: 20px;" type="text"/> Million Btu	<input style="width: 100%; height: 20px;" type="text"/> Million Btu	<input style="width: 100%; height: 20px;" type="text"/> Million Btu

140. Enter quantity that was both produced onsite in 1998 as a product, a byproduct, or a waste material, and was at least partially consumed onsite (as a fuel or nonfuel).

141. Does the quantity reported in question 140 represent the product or byproduct of another energy source consumed onsite?

050	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>1 9 Yes, product or byproduct</p> <p>2 9 No</p> </div>
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142. Enter quantity consumed as a fuel for the production of heat, steam, power, or the generation of electricity onsite at this establishment in 1998.

060	<input style="width: 100%; height: 20px;" type="text"/> Million Btu	<input style="width: 100%; height: 20px;" type="text"/> Million Btu	<input style="width: 100%; height: 20px;" type="text"/> Million Btu
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Include all process uses such as process heating, process cooling, and machine drive and all nonprocess uses such as facility heating, ventilation and air conditioning.

143. Enter quantity consumed for any purpose other than fuel use at this establishment in 1998.

070	<input style="width: 100%; height: 20px;" type="text"/> Million Btu	<input style="width: 100%; height: 20px;" type="text"/> Million Btu	<input style="width: 100%; height: 20px;" type="text"/> Million Btu
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Include all quantities consumed as lubricants, solvents, or as feedstocks, raw materials, additives, or ingredients for products manufactured by this establishment.

Exclude all offsite dispositions such as sales and transfers to other establishments.

Go to question 136, next column Go to question 136, next column Go to Section 15, next page

144. < Answer questions 136 through 143 for all energy sources (columns).

< Then go to question 145, Section 15, next page.

Section 15: Wood

Note: Report quantities in this section in millions of British thermal units (Btu).

See the conversion factors on page 4 of this questionnaire.

	83	84	72
Cen- sus use only	Wood Harvested Directly from Trees (e.g., roundwood, wood chips)	Wood Residues and Byproducts from Mill Processing (e.g., sawdust, shavings, slabs, bark)	Wood/Paper- related Refuse (e.g., scrap, wastepaper, wood pallets, packing materials)
	-	-	-
145. Was this energy source (column) either purchased or consumed in this establishment during 1998?	000	<div style="border: 1px solid black; padding: 2px; text-align: center;">1 9 Yes</div> Go to question 146	<div style="border: 1px solid black; padding: 2px; text-align: center;">1 9 Yes</div> Go to question 146
		<div style="border: 1px solid black; padding: 2px; text-align: center;">2 9 No</div> Go to next column	<div style="border: 1px solid black; padding: 2px; text-align: center;">2 9 No</div> Go to Section 16, page 38
146. Enter quantity purchased by, and delivered to, this establishment in 1998, regardless of when payment was made.	010	<div style="border: 1px solid black; height: 20px; width: 100%;"></div> Million Btu	<div style="border: 1px solid black; height: 20px; width: 100%;"></div> Million Btu
Include quantities that were purchased for any onsite use, e.g., process heating or cooling, building heating or cooling, machine drive, or as raw material input to any manufacturing operation (feedstock). Exclude quantities: 1) purchased centrally within your company, 2) delivered from other establishments of your company, or 3) for which payment was made in-kind.			
147. Enter total expenditures, including taxes and delivery charges, for the quantity reported in question 146.	020	<div style="border: 1px solid black; padding: 2px; text-align: center;">\$</div> U.S. Dollars	<div style="border: 1px solid black; padding: 2px; text-align: center;">\$</div> U.S. Dollars
Include all expenditures regardless of when payment was made.			
148. Enter total quantity of transfers in and central purchases received in this establishment in 1998.	030	<div style="border: 1px solid black; height: 20px; width: 100%;"></div> Million Btu	<div style="border: 1px solid black; height: 20px; width: 100%;"></div> Million Btu
Include quantities: 1) delivered from any other establishment(s) in your company, 2) transferred from other establishments of your company for which payment was not made, 3) purchased centrally within your company, separate from this establishment, or 4) for which payment was made in-kind. Exclude quantities reported in question 146.			

Continue to next page

Section 15: Wood, cont.

Cen- sus use only	83 Wood Directly from Trees -	84 Wood Residues and Byproducts -	72 Wood/Paper-related Refuse -
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149. Enter quantity that was both produced onsite in 1998 as a product, a byproduct, or a waste material, and was at least partially consumed onsite (as a fuel or nonfuel).

040			
	Million Btu	Million Btu	Million Btu

150. Enter quantity consumed as a fuel for the production of heat, steam, power, or the generation of electricity onsite at this establishment in 1998.

060			
	Million Btu	Million Btu	Million Btu

Include all process uses such as process heating, process cooling, and machine drive and all nonprocess uses such as facility heating, ventilation and air conditioning.

Include fuel consumed by vehicles intended primarily for use onsite, e.g., forklifts, intra-plant shuttles, loaders and other materials-handling equipment operated solely within the boundaries of the establishment site.

151. Enter quantity consumed for any purpose other than fuel use at this establishment in 1998.

070			
	Million Btu	Million Btu	Million Btu

Include all quantities consumed as lubricants, solvents, or as feedstocks, raw materials, additives, or ingredients for products manufactured by this establishment.

Exclude all offsite dispositions such as sales and transfers to other establishments.

Go to question 145, next column Go to question 145, next column Go to Section 16, next page

152. < Answer questions 145 through 151 for all energy sources (columns).

< Then go to question 153, Section 16, next page.

Section 16: Other Energy Sources (not specified elsewhere)

	91 Other Energy Source # 1	93 Other Energy Source # 2	95 Other Energy Source # 3
153. Are there any other additional energy sources (fuels) purchased or consumed in this establishment in 1998 that have not been listed in previous sections?	Cen- sus use only 000	-	-
	19 Yes Go to question 154	19 Yes Go to question 154	19 Yes Go to question 154
	29 No Go to Section 17, page 40	29 No Go to Section 17, page 40	29 No Go to Section 17, page 40

154. Specify the name of any energy source purchased or consumed in this establishment that has not been previously listed. In addition, specify the units (e.g., gallons, million Btu, cubic feet, etc.) you are using to report this energy source.	980	_____	_____	_____
		Energy Source	Energy Source	Energy Source
	981	_____	_____	_____
		Units	Units	Units

155. Enter quantity purchased by, and delivered to, this establishment in 1998, regardless of when payment was made. Include quantities that were purchased for any onsite use, e.g., process heating or cooling, building heating or cooling, machine drive, or as raw material input to any manufacturing operation (feedstock). Exclude quantities: 1) purchased centrally within your company, 2) delivered from other establishments of your company, or 3) for which payment was made in-kind.	010	_____	_____	_____
		Units	Units	Units

156. Enter total expenditures, including taxes and delivery charges, for the quantity reported in question 155. Include all expenditures regardless of when payment was made.	020	\$ _____	\$ _____	\$ _____
		U.S. Dollars	U.S. Dollars	U.S. Dollars

157. Enter total quantity of transfers in and central purchases received in this establishment in 1998. Include quantities: 1) delivered from any other establishment(s) in your company, 2) transferred from other establishments of your company for which payment was not made, 3) purchased centrally within your company, separate from this establishment, or 4) for which payment was made in-kind. Exclude quantities reported in question 155.	030	_____	_____	_____
		Units	Units	Units

Continue to next page

Section 16: Other Energy Sources, cont.

	91 Cen- sus use only	93	95
	Other Energy Source # 1	Other Energy Source # 2	Other Energy Source # 3
158. Enter quantity that was both produced onsite in 1998 as a product, a byproduct, or a waste material, and was at least partially consumed onsite (as a fuel or nonfuel).	-	-	-
159. Does the quantity reported in question 158 represent the product or byproduct <u>of another energy source consumed onsite</u> ?	-	-	-
160. Enter quantity consumed as a fuel for the production of heat, steam, power, or the generation of electricity onsite at this establishment in 1998.	-	-	-
161. Enter quantity consumed for any purpose <u>other than fuel use</u> at this establishment in 1998.	-	-	-
162. < Answer questions 153 through 161 for any additional energy sources (columns). < Then go to question 163, Section 17, next page.	-	-	-

	040	050	060	070
	<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>
	Units	Units	Units	Units
	1 9 Yes, product or byproduct 2 9 No	1 9 Yes, product or byproduct 2 9 No	1 9 Yes, product or byproduct 2 9 No	
	<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>	
	Units	Units	Units	
	Go to question 153, next column	Go to question 153, next column	Go to Section 17, next page	