

## Section 5: Liquefied Petroleum Gas and Motor Gasoline

Census  
use only

24  
column 1

23  
column 2

### Liquefied Petroleum Gas (LPG)

e.g., butane, butylene, ethane,  
propane, ethylene, propylene,  
isobutane, mixtures

-

### Motor Gasoline excluding highway usage

-

**47.** Was this energy source (column) either purchased or consumed in this establishment during 1998? 000

1 9 Yes  
Go to question 48

1 9 Yes  
Go to question 48

2 9 No  
Go to next column

2 9 No  
Go to Section 6,  
page 17

**48.** Enter quantity purchased by, and delivered to, this establishment in 1998, regardless of when payment was made. 010

Gallons

Gallons

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.

**49.** Enter total expenditures, including taxes and delivery charges, for the quantity reported in question 48. 020

\$   
U.S. Dollars

\$   
U.S. Dollars

Include all expenditures regardless of when payment was made.

**50.** Enter total quantity of transfers in and central purchases received in this establishment in 1998. 030

Gallons

Gallons

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 48.

**Continue to next page**

## Section 5: LPG and Motor Gasoline, cont.

Census  
use only

24  
column 1  
**LPG**

23  
column 2  
**Motor Gasoline**

**51.** 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

Gallons

Gallons

**52.** 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

Gallons

Gallons

**Copy to question 151,  
column 1,  
page 36**

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.

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

070

Gallons

Gallons

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 47, next  
column**

**54.** Enter the shell or design storage capacity of all the storage tanks located onsite as of 12/31/98 for motor gasoline.

090

Gallons

Include the onsite capacity of 1) all storage facilities regardless of the intended disposition of the energy source--include both product storage tanks and tanks dedicated for onsite use, and 2) dedicated or leased for storage of energy sources owned by other establishments.

**Go to Section 6, next page**

**55.** < Answer questions 47 through 54 for both energy sources (columns).

< Then go to question 56, Section 6, next page.

## Section 6: Acetylene, Hydrogen, and Waste & Byproduct Gases

Cen- sus use only	64	63	62
	<b>Acetylene</b>	<b>Hydrogen</b>	<b>Waste and Byproduct Gases</b> <small>(e.g., refinery gas, vent gas, plant gas, fuel gas, off gas still gas)</small>
	-	-	-

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

000	1 9 Yes <b>Go to question 57</b>	1 9 Yes <b>Go to question 57</b>	1 9 Yes <b>Go to question 57</b>
	2 9 No <b>Go to next column</b>	2 9 No <b>Go to next column</b>	2 9 No <b>Go to Section 7, page 19</b>

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

010			
	Cubic Feet	Million Btu	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.

**58.** Enter total expenditures, including taxes and delivery charges, for the quantity reported in question 57.

020	\$	\$	\$
	U.S. Dollars	U.S. Dollars	U.S. Dollars

Include all expenditures regardless of when payment was made.

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

030			
	Cubic Feet	Million Btu	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 57.

**Continue to next page**

## Section 6: Acetylene, Hydrogen, and Waste & Byproduct Gases, cont.

Cen- sus use only	64 <b>Acetylene</b> -	63 <b>Hydrogen</b> -	62 <b>Waste &amp; Byproduct Gases</b> -
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**60.** 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			
	Cubic Feet	Million Btu	Million Btu

**61.** Does the quantity reported in question 60 represent the product or byproduct of another energy source consumed onsite?

050	1 9 Yes, product or byproduct 2 9 No	1 9 Yes, product or byproduct 2 9 No
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**62.** 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			
	Cubic Feet	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.

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

070			
	Cubic Feet	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 56, next column**

**Go to question 56, next column**

**Go to Section 7, next page**

**64.** < Answer questions 56 through 63 for all energy sources (columns).

< Then go to question 65, Section 7, next page.

## Section 7: Diesel Fuel, Distillate Fuel Oil, and Residual Fuel Oil

	Cen- sus use only	28 <i>column 1</i>	29 <i>column 2</i>	21 <i>column 3</i>
		<b>Diesel Fuel excluding highway usage</b>	<b>Distillate Fuel Oil (#’s 1, 2, &amp; 4) excluding diesel fuel</b>	<b>Residual Fuel Oil (#’s 5, 6, Navy Special &amp; Bunker C)</b>
		-	-	-
<b>65.</b> Was this energy source (column) either purchased or consumed in this establishment during 1998?	000	<input style="width: 100px; height: 25px;" type="text" value="1 9 Yes"/> Go to question 66	<input style="width: 100px; height: 25px;" type="text" value="1 9 Yes"/> Go to question 66	<input style="width: 100px; height: 25px;" type="text" value="1 9 Yes"/> Go to question 66
		<input style="width: 100px; height: 25px;" type="text" value="2 9 No"/> Go to next column	<input style="width: 100px; height: 25px;" type="text" value="2 9 No"/> Go to next column	<input style="width: 100px; height: 25px;" type="text" value="2 9 No"/> Go to question 74, next page
<b>66.</b> Enter quantity purchased by, and delivered to, this establishment in 1998, regardless of when payment was made.	010	<input style="width: 100px; height: 25px;" type="text"/> Barrels	<input style="width: 100px; height: 25px;" type="text"/> Barrels	<input style="width: 100px; height: 25px;" type="text"/> Barrels
<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>				
<b>67.</b> Enter total expenditures, including taxes and delivery charges, for the quantity reported in question 66.	020	<input style="width: 100px; height: 25px;" type="text" value="\$"/> U.S. Dollars	<input style="width: 100px; height: 25px;" type="text" value="\$"/> U.S. Dollars	<input style="width: 100px; height: 25px;" type="text" value="\$"/> U.S. Dollars
<p style="font-size: small;">Include all expenditures regardless of when payment was made.</p>				
<b>68.</b> Enter total quantity of transfers in and central purchases received in this establishment in 1998.	030	<input style="width: 100px; height: 25px;" type="text"/> Barrels	<input style="width: 100px; height: 25px;" type="text"/> Barrels	<input style="width: 100px; height: 25px;" type="text"/> Barrels
<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 66.</p>				
<b>69.</b> 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	<input style="width: 100px; height: 25px;" type="text"/> Barrels	<input style="width: 100px; height: 25px;" type="text"/> Barrels	<input style="width: 100px; height: 25px;" type="text"/> Barrels

Continue to next page

## Section 7: Diesel Fuel, Distillate Fuel Oil, and Residual Fuel Oil, cont.

Cen- sus use only	28 <i>column 1</i> <b>Diesel Fuel</b> -	29 <i>column 2</i> <b>Distillate Fuel Oil</b> -	21 <i>column 3</i> <b>Residual Fuel Oil</b> -
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**70.** Enter quantity consumed as a fuel for the production of heat, steam, power, or the generation of electricity onsite at this establishment in 1998.

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.

060			
	Barrels	Barrels	Barrels <b>Copy to question 151, column 3, page 36</b>

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

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.

070			
	Barrels	Barrels	Barrels

**72.** Enter the shell or design storage capacity of all the storage tanks located onsite as of 12/31/98 for this energy source.

Include the onsite capacity of 1) all storage facilities regardless of the intended disposition of the energy source--include both product storage tanks and tanks dedicated for onsite use, and 2) dedicated or leased for storage of energy sources owned by other establishments.

090			
	Barrels	Barrels	Barrels

**Go to question 65, next column**

**Go to question 65, next column**

**Go to question 74**

**73.** < Answer questions 65 through 72 for all energy sources (columns).

< Then go to question 74.

**74.** Sum the quantities reported in columns 1 and 2 in question 70 to provide the total amount of diesel fuel and distillate fuel oil consumed as a fuel in this establishment in 1998. (If none, enter zero.)

**P** Copy this quantity to question 151, column 2, page 36.

< Go to question 75, Section 8, next page.

22060

**Total  
Diesel Fuel and Distillate Fuel Oil**

Barrels  
**Copy to question 151, column 2, page 36**

## Section 8: Kerosene and Petroleum Coke

	Census use only	27 <b>Kerosene</b> -	70 <b>Petroleum Coke</b> -
<b>75.</b> Was this energy source (column) either purchased or consumed in this establishment during 1998?	000	<input style="width: 100%; height: 20px;" type="text" value="1 9 Yes"/> <b>Go to question 76</b>	<input style="width: 100%; height: 20px;" type="text" value="1 9 Yes"/> <b>Go to question 76</b>
		<input style="width: 100%; height: 20px;" type="text" value="2 9 No"/> <b>Go to next column</b>	<input style="width: 100%; height: 20px;" type="text" value="2 9 No"/> <b>Go to Section 9, page 23</b>
<b>76.</b> Enter quantity purchased by, and delivered to, this establishment in 1998, regardless of when payment was made.  <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).  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.</small>	010	<input style="width: 100%; height: 20px;" type="text"/> Barrels	<input style="width: 100%; height: 20px;" type="text"/> Barrels
<b>77.</b> Enter total expenditures, including taxes and delivery charges, for the quantity reported in question 76.  <small>Include all expenditures regardless of when payment was made.</small>	020	<input style="width: 100%; height: 20px;" type="text" value="\$"/> U.S. Dollars	<input style="width: 100%; height: 20px;" type="text" value="\$"/> U.S. Dollars
<b>78.</b> Enter total quantity of transfers in and central purchases received in this establishment in 1998.  <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.  Exclude quantities reported in question 76.</small>	030	<input style="width: 100%; height: 20px;" type="text"/> Barrels	<input style="width: 100%; height: 20px;" type="text"/> Barrels
<b>79.</b> 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	<input style="width: 100%; height: 20px;" type="text"/> Barrels	<input style="width: 100%; height: 20px;" type="text"/> Barrels

Continue to next page

## Section 8: Kerosene and Petroleum Coke, cont.

Census  
use only

27  
**Kerosene**  
-

70  
**Petroleum Coke**  
-

**80.**

Does the quantity reported in question 79 represent the product or byproduct of another energy source consumed onsite?

050

1 **9** Yes, product or byproduct  
2 **9** No

1 **9** Yes, product or byproduct  
2 **9** No

**81.**

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

Barrels

Barrels

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.

**82.**

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

070

Barrels

Barrels

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 75, next column**

**Go to Section 9, next page**

**83.**

< Answer questions 75 through 82 for both energy sources (columns).

< Then go to question 84, Section 9, next page.