

Appendix A-1
LABOR RATES *

Contractor Rates [1]

<i>2007 Hourly</i>	<i>Labor Rate</i>	<i>Overhead</i>	<i>Total</i>
\$94.00	\$44.68	2.1	\$93.83

Respondent Rates [1]

<i>2007 Hourly</i>	<i>Labor Rate</i>	<i>Overhead</i>	<i>Total</i>
\$63.00	\$29.88	2.1	\$62.75

State/Local Agency Rates [2]

<i>2007 Hourly</i>	<i>Labor Rate</i>	<i>Overhead</i>	<i>Total</i>
\$75.00	\$37.73	2	\$75.46

EPA Rates [3]

<i>2007 Hourly</i>	<i>Labor Rate</i>	<i>Overhead</i>	<i>Total</i>
\$43.00	\$26.98	1.6	\$43.17

[1] Contract and Respondent rates obtained from "Employer Costs for Employee Compensation, Table 2: Employment Costs for Civilian Workers by Occupational and Industry Group (Construction, Extraction, Farming, Forestry, and Fishing)" U.S. Dept. of Commerce, BLS, December 2007. 110% overhead assumed.

[2] State/Local rates obtained from "Employer Costs for Employee Compensation, Table 4: Employment Costs for State and Local Government Workers" U.S. Dept. of Commerce, BLS, December 2007. 110% overhead assumed.

[3] Federal Labor Cost obtained from U.S. Office of Personnel Management 2007 General

Appendix A-2

Universe of Respondents

Universe Estimates

<i>Sources under EPA authority</i>	
# New exploration sources	28
# New development/production sources	1
# Existing sources	0
# New alternative energy sources	4
<i>Sources under State/local authority</i>	
# New exploration sources	0
# New development/production sources	0
# Existing sources	23
# Construction mod to existing sources	0
# New alternative energy sources	4
Total Number of Sources	60

1 major source permit, 3 minor source permits

include four sources making minor permit mods.

**EXHIBIT 1. NEW EXPLORATION SOURCES UNDER EPA AUTHORITY
RESPONDENTS' ANNUAL BURDENS**

Collection Activities	Number of Respondents	Number of Occurrences for 3 years	Occurrences per year	Hours per Occurrence ¹	Cost per Occurrence	Contractors Hours per Occurrence	Contractors Dollars per Occurrence	Total Hours per Year	Total Cost per Year	O&M Costs per Occurrence	Capital Costs per Occurrence	Total O&M Costs per Year	Total Capital Costs per Year
Labor Rates					\$63.00		\$94.00						
Read regulations	28	1	9.33	5	315.00	0	\$0.00	47	\$2,940.00	\$0.00	\$0.00	\$0.00	\$0.00
Consult with EPA, or State and local agency	28	1	9.33	5	315.00	0	\$0.00	47	\$2,940.00	\$0.00	\$0.00	\$0.00	\$0.00
Prepare a NOI to construct	28	1	9.33	30	1,890.00	0	\$0.00	280	\$17,640.00	\$0.00	\$0.00	\$0.00	\$0.00
Prepare major source permit application	12	1	4.00	50	3,150.00	293	\$27,542.00	1372	\$122,768.00	\$0.00	\$0.00	\$0.00	\$0.00
Prepare minor source permit application	16	1	5.33	25	1,575.00	146	\$13,724.00	912	\$81,594.67	\$0.00	\$0.00	\$0.00	\$0.00
Prepare operating permit application	7	1	2.33	42	2,646.00	0	\$0.00	98	\$6,174.00	\$0.00	\$0.00	\$0.00	\$0.00
Conduct record keeping and report data to EPA	28	1	9.33	32	2,016.00	0	\$0.00	299	\$18,816.00	\$0.00	\$0.00	\$0.00	\$0.00
		Responses per Year**	49.00				Burden	3054	\$252,872.67			\$0.00	\$0.00

1. Assumes hours per occurrence is the same as that in the 1998 ICR, except hours added for preparing permit applications

**EXHIBIT 2. NEW ALTERNATIVE ENERGY SOURCES UNDER EPA AUTHORITY
RESPONDENTS' ANNUAL BURDENS**

Collection Activities	Number of Respondents	Number of Occurrences for 3 years	Occurrences per year	Hours per Occurrence ¹	Cost per Occurrence	Contractors Hours per Occurrence	Contractors Dollars per Occurrence	Total Hours per Year	Total Cost per Year	O&M Costs per Occurrence	Capital Costs per Occurrence	Total O&M Costs per Year	Total Capital Costs per Year
Labor Rates					\$63.00		\$94.00						
Read regulations	4	1	1.33	5	315.00	0	\$0.00	7	\$420.00	\$0.00	\$0.00	\$0.00	\$0.00
Consult with EPA, or State and local agency	4	1	1.33	5	315.00	0	\$0.00	7	\$420.00	\$0.00	\$0.00	\$0.00	\$0.00
Prepare a NOI to construct	4	1	1.33	30	1,890.00	0	\$0.00	40	\$2,520.00	\$0.00	\$0.00	\$0.00	\$0.00
Prepare major source permit application	1	1	0.33	50	3,150.00	293	\$27,542.00	114	\$10,230.67	\$0.00	\$0.00	\$0.00	\$0.00
Prepare minor source permit application	3	1	1.00	25	1,575.00	146	\$13,724.00	171	\$15,299.00	\$0.00	\$0.00	\$0.00	\$0.00
Prepare operating permit application	2	1	0.67	42	2,646.00	0	\$0.00	28	\$1,764.00	\$0.00	\$0.00	\$0.00	\$0.00
Conduct record keeping and report data to EPA	4	1	1.33	32	2,016.00	0	\$0.00	43	\$2,688.00	\$0.00	\$0.00	\$0.00	\$0.00
		Responses per Year**	7.33				Burden	409	\$33,341.67			\$0.00	\$0.00

1. Assumes hours per occurrence is the same as that in the 1998 ICR, except hours added for preparing permit applications

**EXHIBIT 3. NEW DEVELOPMENT/PRODUCTION SOURCES UNDER EPA AUTHORITY
RESPONDENTS' ANNUAL BURDENS**

Collection Activities	Number of Respondents	Number of Occurrences for 3 years	Occurrences per year	Hours per Occurrence ¹	Cost per Occurrence	Contractors Hours per Occurrence	Contractors Dollars per Occurrence	Total Hours per Year	Total Cost per Year	O&M Costs per Occurrence ²	Capital Costs per Occurrence	Total O&M Costs per Year	Total Capital Costs per Year
Rates					\$63.00		\$94.00						
Read regulations	1	1	0.33	5	315.00	0	\$0.00	2	\$105.00	\$0.00	\$0.00	\$0.00	\$0.00
Consult with EPA, or State and local agency	1	1	0.33	5	315.00	0	\$0.00	2	\$105.00	\$0.00	\$0.00	\$0.00	\$0.00
Prepare a NOI to construct	1	1	0.33	30	1,890.00	0	\$0.00	10	\$630.00	\$0.00	\$0.00	\$0.00	\$0.00
Prepare preconstruction permit application	1	1	0.33	100	6,300.00	585	\$54,990.00	228	\$20,430.00	\$0.00	\$0.00	\$0.00	\$0.00
Perform initial compliance test	1	1	0.33	100	6,300.00	764	\$71,816.00	288	\$26,038.67	\$0.00	\$0.00	\$0.00	\$0.00
Prepare operating permit application	1	1	0.33	42	2,646.00	0	\$0.00	14	\$882.00	\$0.00	\$0.00	\$0.00	\$0.00
Conduct record keeping and report data to EPA	1	1	0.33	64	819.00	0	\$0.00	21	\$273.00	\$1,425.85	\$28,517.00	\$475.28	\$9,505.67
		Responses per Year**	2.33				Burden	565	\$48,463.67	\$1,425.85	\$28,517.00	\$475.28	\$9,505.67

1. Assumes hours per occurrence is the same as that in the 1998 ICR.
2. Assumes O&M is 5 percent of capital costs

**This number is used in the summary (Exhibit 14)

**EXHIBIT 4. NEW EXPLORATION SOURCES UNDER STATE/LOCAL AUTHORITY
RESPONDENTS' ANNUAL BURDENS**

Collection Activity	Number of Respondents	Number of Occurrences for 3 years	Occurrences per year	Hours per Occurrence ¹	Cost per Occurrence	Contractors Hours per Occurrence	Contractors Dollars per Occurrence	Total Hours per Year	Total Cost per Year	O&M Costs per Occurrence	Capital Costs per Occurrence	Total O&M Costs per Year	Total Capital Costs per Year
Rates					\$63.00		\$94.00						
Read regulations	0	0	0.00	5	315.00	0	\$0.00	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Consult with EPA, or State and local agency	0	0	0.00	5	315.00	0	\$0.00	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Prepare a NOI to construct and permit application	0	0	0.00	70	4,410.00	0	\$0.00	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Perform initial compliance test	0	0	0.00	100	6,300.00	748	\$70,312.00	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Conduct record keeping and report data to local agency	0	0	0.00	64	4,032.00	0	\$0.00	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		Responses per Year	0				Burden	0	\$0.00			\$0.00	\$0.00

1. Assumes hours per occurrence is the same as that in the 1998 ICR.

**EXHIBIT 5. NEW ALTERNATIVE ENERGY SOURCES UNDER STATE/LOCAL AUTHORITY
RESPONDENTS' ANNUAL BURDENS**

Collection Activity	Number of Respondents	Number of Occurrences for 3 years	Occurrences per year	Hours per Occurrence ¹	Cost per Occurrence	Contractors Hours per Occurrence	Contractors Dollars per Occurrence	Total Hours per Year	Total Cost per Year	O&M Costs per Occurrence	Capital Costs per Occurrence	Total O&M Costs per Year	Total Capital Costs per Year
Rates					\$63.00		\$94.00						
Read regulations	4	1	1.33	5	315.00	0	\$0.00	7	\$420.00	\$0.00	\$0.00	\$0.00	\$0.00
Consult with EPA, or State and local agency	4	1	1.33	5	315.00	0	\$0.00	7	\$420.00	\$0.00	\$0.00	\$0.00	\$0.00
Prepare a NOI to construct and permit application	4	1	1.33	70	4,410.00	0	\$0.00	93	\$5,880.00	\$0.00	\$0.00	\$0.00	\$0.00
Perform initial compliance test	4	1	1.33	100	6,300.00	748	\$70,312.00	1,131	\$102,149.33	\$0.00	\$0.00	\$0.00	\$0.00
Conduct record keeping and report data to local agency	4	1	1.33	64	4,032.00	0	\$0.00	85	\$5,376.00	\$0.00	\$0.00	\$0.00	\$0.00
		Responses per Year	6.67				Burden	1,323	\$114,245.33			\$0.00	\$0.00

1. Assumes hours per occurrence is the same as that in the 1998 ICR.

**EXHIBIT 6. EXISTING SOURCES UNDERSTATE/LOCAL AUTHORITY
RESPONDENTS' ANNUAL BURDENS**

Collection Activities	Number of Respondents	Number of Occurrences for 3 years	Occurrences per year	Hours per Occurrence ¹	Cost per Occurrence	Contractors Hours per Occurrence	Contractors Dollars per Occurrence	Total Hours per Year	Total Cost per Year	O&M Costs per Occurrence ²	Capital Costs per Occurrence	Total O&M Costs per Year	Total Capital Costs per Year
Rates					\$63.00		\$94.00						
Prepare permit to operate application	23	1	8	42	2,646.00	0	\$0.00	322	\$20,286.00	\$0.00	\$0.00	\$0.00	\$0.00
Perform annual compliance test	23	3	23	100	6,300.00	764	\$71,816.00	19,872	\$1,796,668.00	\$0.00	\$0.00	\$0.00	\$0.00
Conduct record keeping and report data to EPA	23	3	23	64	819.00	0	\$0.00	1,472	\$18,837.00	\$1,425.00	\$0.00	\$32,775.00	\$0.00
Prepare a NOI to construct	0	1	0.00	30	1,890.00	0	\$0.00	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Prepare preconstruction permit application	0	1	0.00	100	6,300.00	585	\$54,990.00	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		Responses per Year	54				Burden	21,666	\$1,835,791.00	\$1,425.00	\$0.00	\$32,775.00	\$0.00

1. Assumes hours per occurrence is the same as that in the 1998 ICR.

**EXHIBIT 7. NEW EXPLORATION SOURCES UNDER STATE/LOCAL AUTHORITY
STATE AND LOCAL AGENCIES' ANNUAL BURDENS**

Collection Activities	Number of Respondents	Number of Occurrences for 3 years	Occurrences per year	Hours per Occurrence*	Cost per Occurrence	Total Hours per Year	Total Cost per Year
Rates					\$75.00		
Consult with sources	0	1	0.00	5	\$375.00	0	\$0.00
Review NOI to construct	0	1	0.00	55	\$4,125.00	0	\$0.00
Review permit to operate application	0	1	0.00	40	\$3,000.00	0	\$0.00
Oversee initial compliance test	0	1	0.00	67	\$5,025.00	0	\$0.00
Conduct inspections	0	2	0.00	16	\$1,200.00	0	\$0.00
Review data reports	0	1	0.00	8	\$600.00	0	\$0.00
					Burden	0	\$0.00

* Assumes hours per occurrence is the same as that in the 1998 ICR.

**EXHIBIT 8. NEW ALTERNATIVE ENERGY SOURCES UNDER STATE/LOCAL AUTHORITY
STATE AND LOCAL AGENCIES' ANNUAL BURDENS**

Collection Activities	Number of Respondents	Number of Occurrences for 3 years	Occurrences per year	Hours per Occurrence*	Cost per Occurrence	Total Hours per Year	Total Cost per Year
Rates					\$75.00		
Consult with sources	4	1	1.33	5	\$375.00	7	\$500.00
Review NOI to construct	4	1	1.33	55	\$4,125.00	73	\$5,500.00
Review permit to operate application	4	1	1.33	40	\$3,000.00	53	\$4,000.00
Oversee initial compliance test	4	1	1.33	67	\$5,025.00	89	\$6,700.00
Conduct inspections	4	2	2.67	16	\$1,200.00	43	\$3,200.00
Review data reports	4	1	1.33	8	\$600.00	11	\$800.00
					Burden	276	\$20,700.00

9.33

* Assumes hours per occurrence is the same as that in the 1998 ICR.

**EXHIBIT 9. EXISTING SOURCES UNDERSTATE/LOCAL AUTHORITY
STATE AND LOCAL AGENCIES' ANNUAL BURDENS**

Collection Activities	Number of Respondents	Number of Occurrences for 3 years	Occurrences per year	Hours per Occurrence*	Cost per Occurrence	Total Hours per Year	Total Cost per Year
Rates					\$75.00		
Oversee annual compliance test	23	3	23	67	\$5,025.00	1,541	\$115,575.00
Conduct inspections	23	12	92	16	\$1,200.00	1,472	\$110,400.00
Review permit to operate application	23	1	7.666666667	40	\$3,000.00	307	\$23,000.00
Review data reports	23	3	23	8	\$600.00	184	\$13,800.00
Review NOI to construct and permit application	0	1	0.00	35	\$2,625.00	0	\$0.00
					Burden	3,504	\$262,775.00

145.6666667

* Assumes hours per occurrence is the same as that in the 1998 ICR.

**EXHIBIT 10. NEW EXPLORATION SOURCES UNDER EPA AUTHORITY
EPA'S ANNUAL BURDEN**

Collection Activities	Number of Respondents	Number of Occurrences for 3 years	Occurrences per year	Hours per Occurrence*	Cost per Occurrence	Total Hours per Year	Total Cost per Year
Rates					\$43.00		
Consult with sources	28	1	9.33	5	\$215.00	47	\$2,006.67
Review NOI to construct and permit application	28	1	9.33	35	\$1,505.00	327	\$14,046.67
Review data reports	28	1	9.33	8	\$344.00	75	\$3,210.67
					Burden	448	\$19,264.00

* Assumes hours per occurrence is the same as that in the 1998 ICR.

**EXHIBIT 11. NEW ALTERNATIVE ENERGY SOURCES UNDER EPA AUTHORITY
EPA'S ANNUAL BURDEN**

Collection Activities	Number of Respondents	Number of Occurrences for 3 years	Occurrences per year	Hours per Occurrence*	Cost per Occurrence	Total Hours per Year	Total Cost per Year
Rates					\$43.00		
Consult with sources	4	1	1.33	5	\$215.00	7	\$286.67
Review NOI to construct and minor permit application	3	1	1.00	35	\$1,505.00	35	\$1,505.00
Review NOI to construct and minor permit application	1	1	0.33	263	\$11,309.00	88	\$3,769.67
Review data reports	3	1	1.00	8	\$344.00	8	\$344.00
					Burden	137	\$5,905.33

* Assumes hours per occurrence is the same as that in the 1998 ICR.

**EXHIBIT 12. NEW and EXISTING DEVELOPMENT/PRODUCTION SOURCES UNDER EPA AUTHORITY
EPA'S ANNUAL BURDEN**

Collection Activities	Number of Respondents	Number of Occurrences for 3 years	Occurrences per year	Hours per Occurrence*	Costs per Occurrence	Total Hours per Year	Total Cost per Year
Rates					\$43.00		
Consult with sources	1	1	0.33	5	\$215.00	2	\$71.67
Review NOI to construct and permit application	1	1	0.33	263	\$11,309.00	88	\$3,769.67
Review preconstruction permit application	1	1	0.33	100	\$4,300.00	33	\$1,433.33
Oversee initial compliance test	1	1	0.33	67	\$2,881.00	22	\$960.33
Review operating permit application	1	1	0.33	40	\$8,600.00	13	\$2,866.67
Review data reports	1	1	0.33	8	\$559.00	3	\$186.33
					Burden	161	\$9,288.00

* Assumes hours per occurrence is the same as that in the 1998 ICR.

**EXHIBIT 13. CONSISTENCY UPDATES AND OVERSEEING STATE/LOCAL ACTIVITIES
EPA'S ANNUAL BURDEN**

Collection Activities	Number of Respondents	Number of Occurrences for 3 years	Occurrences per year	Hours per Occurrence*	Cost per Occurrence	Total Hours per Year	Total Cost per Year
Rates					\$43.00		
Annual Consistency Reviews	10	30	10	4	172.00	40	\$1,720.00
Major NOI/Regulatory Changes Review	6	6	2	150	6,450.00	300	\$12,900.00
Minor NOI/Regulatory Changes Review	9	9	3	40	1,720.00	120	\$5,160.00
					Burden	460	\$19,780.00

* Assumes hours per occurrence is the same as that in the 1998 ICR, except we have added concept of "minor" review

**EXHIBIT 14. OCS AIR REGULATIONS INFORMATION COLLECTION BURDEN
SUMMARY OF ANNUAL BURDENS AND COSTS**

	Responses	Respondent Hours	Respondent Costs	O&M Costs	Capital Costs	Agency Hours	Agency Costs
New Exploration Sources Under EPA Authority (Exhibit 1)	49.0	3,054	\$252,873	\$0	\$0		
New Alternative Energy Sources under EPA Authority (Exhibit 2)	7.3	409	33,342	0	0		
New Development / Production Sources Under EPA Authority Exhibit 3)	2.3	565	\$48,464	\$475	\$9,506		
New Exploration Sources Under Local Authority (Exhibit 4)	0.0	0	\$0	\$0	\$0		
New Alternative Energy Sources under Local Authority (Exhibit 5)	6.7	1,323	114,245	0	0		
Existing Development / Production Sources Under Local Authority (Exhibit 6)	53.7	21,666	\$1,835,791	\$32,775	\$0		
Subtotal of Industry Burden	119.0	27,017	\$2,284,714	\$33,250	\$9,506		
New Exploration Sources (Exhibit 7)		0	\$0				
New Alternative Energy Sources (Exhibit 8)	9.3	276	20,700				
Existing Development/ Production Sources (Exhibit 9)	145.7	3,504	\$262,775				
Subtotal of State/Local Burden	155.0	3,780	\$283,475				
New Exploration Sources (Exhibit 10)						448	\$19,264
New Alternative Energy Sources (Exhibit 11)						137	5,905
New and Existing Development/ Production Sources (Exhibit 12)						161	\$9,288
Consistency Updates (Exhibit 13)						460	\$19,780
Subtotal of EPA Burden						1,206	\$54,237
Total Annual Cost /Burden for the Outer Continental Shelf Air Regulations	274	30,797	\$2,568,189	\$33,250	\$9,506	1,206	\$54,237