

Responent Burden Assumptions

Responent Type	Acitivity	Technical Hours per Response	Clerical Hours per Response
HFC Producer	Submit one-time producer report	100	0
	Submit quarterly report	6	0
	Submit annual inventory report (part of quarterly report)	20	0
	Maintain records	0	80
	Register with certification ID system	0.50	0
	Enter data into certification ID system	2	0
	Submit one-time HFC-23 emissions report	100	0
	Submit annual HFC-23 emissions report	12	0
	Submit HFC-23 proof of destruction	0.25	0
	Provide certification to third party (conferrer)	2	0
HFC Importer	Submit one-time AD/CVD report	2.00	0
	Submit quarterly report	6	0
	Submit annual inventory report (part of quarterly report)	10	0
	Submit one-time set-aside allowance request	6	0
	Maintain records	0	80
	Register with certification ID system	0.50	0
	Enter data into certification ID system	2	0
	Petition to import HFCs for transformation/destruction	2	0
	Petition to import used HFCs for destruction	6	0
	Submit ACE report	0.25	0
	Submit proof of destruction of used imports	0.25	0
	Maintain records on used imports for destruction	0	20
	Provide certification to third party (conferrer)	2	0
	Submit voluntary annual report	2	0
HFC Aggregator	Maintain records	0	20
Vessel Owner	Maintain records	0	20
HFC Transhipments	Submit notification of transhipments	1	0
	Maintain records	0	20
HFC Exporter	Submit quarterly report	6	0
	Submit annual inventory report (part of quarterly report)	10	0
	Submit request for additional consumption allowances	6	0
HFC Suppliers	Register with certification ID system	0.50	0
	Enter data into certification ID system	0.003	0
	Submit conferral request	6	0
	Provide certification to third party (conferee)	2	0
	Provide certification to third party (conferrer)	2	0
	Maintain records	0	20
HFC Destroyer	Submit one-time report	100	0
	Submit annual second party report	4	0
	Maintain records	0	20

	Provide destruction verification to third party	2	0
	Provide proof of destruction to third party	2	0
HFC Transformer	Submit one-time report	100	0
	Submit annual second party report	4	0
	Maintain records	0	20
	Provide transformation verification to third party	2	0
HFC Process Agent Use	Submit one-time report	100	0
	Submit annual report	6	0
HFC Reclaimers	Submit one-time report	40	0
	Submit quarterly report	9.4	0
	Submit annual inventory report (part of quarterly report)	10	0
	Maintain records	0	40
	Register with certification ID system	0.50	0
	Enter data into certification ID system	0.006	0
HFC Fillers and Packagers	Register with certification ID system	0.50	0
	Enter data into certification ID system	0.006	0
HFC Fire Suppression Agent Recyclers	Submit one-time report	40	0
	Submit quarterly report	9.4	0
	Submit annual inventory report (part of quarterly report)	10.0	0
	Maintain records	0	20
	Register with certification ID system	0.50	0
	Enter data into certification ID system	0.006	0
HFC Transfers	Submit inter-company transfer request	6	0
	Submit request to transfer from a person in a foreign country	6	0
	Submit request to transfer to a person in a foreign country	6	0
	Submit request to sell/transfer HFCs produced/imported with application-specific allowances	6	0
Application-Specific Allowance Holders	Submit biannual report	6	0
	Submit annual report (part of biannual report)	6	0
	Submit conferral request	6	0
	Provide certification to third party (conferee)	2	0
	Maintain records	0	80
	Submit one-time set-aside allowance request	6	0
	Submit one-time report	38	0
Third Party Audits	Submit annual audit report	40	0

Unique number of Respondents



Responses per Year	Maximum Respondents per Activity
1	22
4	22
1	22
1	22
1	22
9	22
1	4
1	4
2	4
1	15
1	305
4	305
1	305
1	40
1	305
1	305
9	305
48	8
3	4
25	305
3	4
1	4
1	15
1	305
1	5
1	100
10	24
1	24
4	24
1	24
2	7
1	10,000
891	10,000
1	30
1	30
4	30
1	30
1	20
1	15
1	15

1	15
1	12
1	33
1	29
1	29
1	29
1	6
1	6
1	68
4	68
1	68
1	68
1	68
46,406	68
1	50
46,406	50
1	10
4	10
1	10
1	10
1	10
46,406	10
2	25
1	1
1	1
1	5
2	60
1	60
2	60
2	60
1	60
1	10
1	10
1	455
	10,564

Basis for Assumptions

Number of facilities that report to eGGRT from GHGRP ICR 2019 renewal

Number of facilities that report to eGGRT from GHGRP ICR 2019 renewal

Number of facilities that report to eGGRT from GHGRP ICR 2019 renewal

Number of facilities that report to eGGRT from GHGRP ICR 2019 renewal

See 'Certification ID Respondent Burden Assumptions' table

Respondents based on eGGRT subpart O reporting

Burden estimate for reporting to eGGRT under subpart O from GHGRP ICR 2019 renewal; Respondents based on eGGRT subpart O reporting

Based on second party transformation and destruction verification assumption

Assumption that all importers will have to submit a report

Respondents = Based on SBREFA

Provided by EPA

Respondents = Based on SBREFA

See 'Certification ID Respondent Burden Assumptions' table

Based on ODS data for 2019 (382 transactions in total)

Based on ODS data for 2015-2019

7500 unique shipments based on historical ACE data

Based on second party transformation and destruction verification assumption

Based on time required for AD/CVD report and petition for transformation/destruction

Provided by EPA

Provided by EPA

Same as exporters

Same as exporters

Number of companies that report to eGGRT from GHGRP ICR 2019 renewal

Based on ODS data for 2010-2019

2x HARDI wholesaler/distributor locations

2x HARDI wholesaler/distributor locations; See 'Certification ID Respondent Burden Assumptions' table

Based on transfer assumptions

Based on second party transformation and destruction verification assumption

Based on ODS reporting (in-house and second party destroyers)

Based on ODS reporting for 2015-2019

Based on ODS reporting for 2015-2019

Based on ODS reporting for 2015-2019
Number of petitions to import HFCs for destruction
Based on ODS reporting (in-house and second party transformers)
Based on ODS reporting for 2015-2019
Based on ODS reporting for 2015-2019
Based on ODS reporting for 2015-2019
Based on ODS Process Agent Users
Based on ODS Process Agent Users
number of respondents based on ODS reporting +20%
Burden for annual activity report from Section 608 ICR, number of respondents based on ODS reporting +20%
number of respondents based on ODS reporting +20%
number of respondents based on ODS reporting +20%
See 'Certification ID Respondent Burden Assumptions' table
Provided by EPA
See 'Certification ID Respondent Burden Assumptions' table
Provided by EPA
Burden for annual activity report from Section 608 ICR, number of respondents provided by EPA
Provided by EPA
Provided by EPA
See 'Certification ID Respondent Burden Assumptions' table
Based on ODS data for 2010-2019
ICF estimate
ICF estimate
ICF estimate
Market characterization prepared by ICF + new entrants
Based on the number of application-specific allowance holders; based on transfer assumptions
Market characterization prepared by ICF + new entrants
Market characterization prepared by ICF + new entrants
Provided by EPA
Consistent with emergency ICR
Importers + producers + reclaimers + application specific allowance holders
aggregators + producers + importers + suppliers + reclaimers+ destroyers + transformers + fillers/packagegers + application specific allowance holders + 4 exports + new market entrants (all other exporters are also importers based on NODA) (assumes other respondents overlap with these activities)

Respondents per Year

Respondent Type	Activity	Y1 (2022)
HFC Producer	Submit one-time producer report	22
	Submit quarterly report	22
	Submit annual inventory report (part of quarterly report)	22
	Maintain records	22
	Register with certification ID system	0
	Enter data into certification ID system	0
	Submit one-time HFC-23 emissions report	4
	Submit annual HFC-23 emissions report	4
	Submit HFC-23 proof of destruction	4
	Provide certification to third party (conferrer)	15
HFC Importer	Submit one-time AD/CVD report	305
	Submit quarterly report	305
	Submit annual inventory report (part of quarterly report)	305
	Submit one-time set-aside allowance request	40
	Maintain records	305
	Register with certification ID system	0
	Enter data into certification ID system	0
	Petition to import HFCs for transformation/destruction	8
	Petition to import used HFCs for destruction	4
	Submit ACE report	305
	Submit proof of destruction of used imports	4
	Maintain records on used imports for destruction	4
	Provide certification to third party (conferrer)	15
	Submit voluntary annual report	305
HFC Aggregator	Maintain records	5
Vessel Owner	Maintain records	100
HFC Transhipments	Submit notification of transhipments	24
	Maintain records	24
HFC Exporter	Submit quarterly report	24
	Submit annual inventory report (part of quarterly report)	24
	Submit request for additional consumption allowances	7
HFC Suppliers	Register with certification ID system	0
	Enter data into certification ID system	0
	Submit conferral request	30
	Provide certification to third party (conferee)	30
	Provide certification to third party (conferrer)	30
	Maintain records	30
HFC Destroyer	Submit one-time report	20
	Submit annual second party report	15
	Maintain records	15

	Provide destruction verification to third party	15
	Provide proof of destruction to third party	12
HFC Transformer	Submit one-time report	33
	Submit annual second party report	29
	Maintain records	29
	Provide transformation verification to third party	29
HFC Process Agent Use	Submit one-time report	6
	Submit annual report	6
HFC Reclaimers	Submit one-time report	68
	Submit quarterly report	68
	Submit annual inventory report (part of quarterly report)	68
	Maintain records	68
	Register with certification ID system	0
	Enter data into certification ID system	0
HFC Fillers and Packagers	Register with certification ID system	0
	Enter data into certification ID system	0
HFC Fire Suppression Agent Recyclers	Submit one-time report	10
	Submit quarterly report	10
	Submit annual inventory report (part of quarterly report)	10
	Maintain records	10
	Register with certification ID system	0
	Enter data into certification ID system	0
HFC Transfers	Submit inter-company transfer request	25
	Submit request to transfer from a person in a foreign country	1
	Submit request to transfer to a person in a foreign country	1
	Submit request to sell/transfer HFCs produced/imported with application-specific allowances	5
Application-Specific Allowance Holders	Submit biannual report	60
	Submit annual report (part of biannual report)	60
	Submit conferral request	60
	Provide certification to third party (conferee)	60
	Maintain records	60
	Submit one-time set-aside allowance request	10
	Submit one-time report	10
Third Party Audits	Submit annual audit report	455

Y2 (2023)	Y3 (2024)	Y4 (2025)	Y5 (2026)	Y6 (2027)	Y7 (2028)
1	1	1	1	1	1
22	22	22	22	22	22
22	22	22	22	22	22
22	22	22	22	22	22
0	22	1	1	1	1
0	6	22	22	22	22
0	0	0	0	0	0
4	4	4	4	4	4
4	4	4	4	4	4
15	15	15	15	15	15
0	0	0	0	0	0
305	305	305	305	305	305
305	305	305	305	305	305
0	0	0	0	0	0
305	305	305	305	305	305
0	305	1	1	1	1
0	76	305	305	305	305
8	8	8	8	8	8
4	4	4	4	4	4
305	305	305	305	305	305
4	4	4	4	4	4
4	4	4	4	4	4
15	15	15	15	15	15
305	305	305	305	305	305
5	5	5	5	5	5
100	100	100	100	100	100
24	24	24	24	24	24
24	24	24	24	24	24
24	24	24	24	24	24
24	24	24	24	24	24
7	7	7	7	7	7
0	0	0	10000	200	200
0	0	0	2500	10000	10000
30	30	30	30	30	30
30	30	30	30	30	30
30	30	30	30	30	30
30	30	30	30	30	30
1	1	1	1	1	1
15	15	15	15	15	15
15	15	15	15	15	15

15	15	15	15	15	15
12	12	12	12	12	12
1	1	1	1	1	1
29	29	29	29	29	29
29	29	29	29	29	29
29	29	29	29	29	29
1	1	1	1	1	1
6	6	6	6	6	6
1	1	1	1	1	1
68	68	68	68	68	68
68	68	68	68	68	68
68	68	68	68	68	68
0	0	68	1	1	1
0	0	17	68	68	68
0	0	50	1	1	1
0	0	13	50	50	50
1	1	1	1	1	1
10	10	10	10	10	10
10	10	10	10	10	10
10	10	10	10	10	10
0	0	10	1	1	1
0	0	3	10	10	10
25	25	25	25	25	25
1	1	1	1	1	1
1	1	1	1	1	1
5	5	5	5	5	5
60	60	60	60	60	60
60	60	60	60	60	60
60	60	60	60	60	60
60	60	60	60	60	60
60	60	60	60	60	60
0	0	0	0	0	0
0	0	0	0	0	0
455	455	455	455	455	455

Certification ID Respondent Burden Assumptions

Respondent	Number of Cylinders	Cylinder Capacity (lbs)	Total HFC Quantity (lbs)	ISO Tank Capacity (lbs)
Producer, importer	5,940,000	30	178,200,000	60,000
Reclaimer, filler/packager, fire suppression recycler	5,940,000	NA	NA	NA
Supplier	8,910,000	NA	NA	NA

Certification ID Respondent Percentage per Year

	Certification ID Registrations			
	Y1 (2022)	Y2 (2023)	Y3 (2024)	Y4 (2025)
Producer	0%	0%	100%	5%
Importer	0%	0%	100%	0.3%
Reclaimer	0%	0%	0%	100%
Filler/Packager	0%	0%	0%	100%
Fire Suppression Recycler	0%	0%	0%	100%
Supplier	0%	0%	0%	0%

	Certification ID Data Entry			
	Y1 (2022)	Y2 (2023)	Y3 (2024)	Y4 (2025)
Producer	0%	0%	25%	100%
Importer	0%	0%	25%	100%
Reclaimer	0%	0%	0%	25%
Filler/Packager	0%	0%	0%	25%
Fire Suppression Recycler	0%	0%	0%	25%
Supplier	0%	0%	0%	0%



Audit Costs

Number of ISO Tanks	Number of ID Generators/ Scanners	Responses/ Year/Respondent	Time per Response	Unit of Response Time	Time per Response (hours)
2,970	327	9	2	Hours	2.0
NA	128	46,406	20	Seconds	0.006
NA	10,000	891	10	Seconds	0.003

Auditor Labor Rate (\$)
\$74.28

ation		
Y5 (2026)	Y6 (2027)	Y7 (2028)
5%	5%	5%
0.3%	0.3%	0.3%
1%	1%	1%
2%	2%	2%
10%	10%	10%
100%	2%	2%

ntry		
Y5 (2026)	Y6 (2027)	Y7 (2028)
100%	100%	100%
100%	100%	100%
100%	100%	100%
100%	100%	100%
100%	100%	100%
25%	100%	100%



ACE Report Burden Assumptions

Auditor Time (hours)	Total Cost to Respondent (\$)
80	\$ 5,942.40

Respondent	Total Annual Shipments	Total Respondents
Importer	7,500	305



Responses/Respondent	Time per Response	Unit of Response Time	Time per Response (hours)
25	15	Minutes	0.3

Responent Burden

Respondent Type	Activity	Responses per Respondent per Year
HFC Producer	Submit one-time producer report	1
	Submit quarterly report	4
	Submit annual inventory report (part of quarterly report)	1
	Maintain records	1
	Register with certification ID system	1
	Enter data into certification ID system	9
	Submit one-time HFC-23 emissions report	1
	Submit annual HFC-23 emissions report	1
	Submit HFC-23 proof of destruction	2
	Provide certification to third party (conferrer)	1
HFC Importer	Submit one-time AD/CVD report	1
	Submit quarterly report	4
	Submit annual inventory report (part of quarterly report)	1
	Submit one-time set-aside allowance request	1
	Maintain records	1
	Register with certification ID system	1
	Enter data into certification ID system	9
	Petition to import HFCs for transformation/destruction	48
	Petition to import used HFCs for destruction	3
	Submit ACE report	25
	Submit proof of destruction of used imports	3
	Maintain records on used imports for destruction	1
	Provide certification to third party (conferrer)	1
Submit voluntary annual report	1	
HFC Aggregator	Maintain records	1
Vessel Owner	Maintain records	1
HFC Transhipments	Submit notification of transhipments	10
	Maintain records	1
HFC Exporter	Submit quarterly report	4
	Submit annual inventory report (part of quarterly report)	1
	Submit request for additional consumption allowances	2
HFC Suppliers	Register with certification ID system	1
	Enter data into certification ID system	891
	Submit conferral request	1
	Provide certification to third party (conferee)	1
	Provide certification to third party (conferrer)	4
	Maintain records	1
HFC Destroyer	Submit one-time report	1
	Submit annual second party report	1
	Maintain records	1

	Provide destruction verification to third party	1	
	Provide proof of destruction to third party	1	
1	HFC Transformer	Submit one-time report	1
1		Submit annual second party report	1
		Maintain records	1
		Provide transformation verification to third party	1
1	HFC Process Agent Use	Submit one-time report	1
1		Submit annual report	1
1	HFC Reclaimers	Submit one-time report	1
1		Submit quarterly report	4
		Submit annual inventory report (part of quarterly report)	1
		Maintain records	1
		Register with certification ID system	1
		Enter data into certification ID system	46,406
	HFC Fillers and Packagers	Register with certification ID system	1
		Enter data into certification ID system	46,406
1	HFC Fire Suppression Agent Recyclers	Submit one-time report	1
1		Submit quarterly report	4
		Submit annual inventory report (part of quarterly report)	1
		Maintain records	1
		Register with certification ID system	1
		Enter data into certification ID system	46,406
	HFC Transfers	Submit inter-company transfer request	2
		Submit request to transfer from a person in a foreign country	1
		Submit request to transfer to a person in a foreign country	1
		Submit request to sell/transfer HFCs produced/imported with application-specific allowances	1
1	Application-Specific Allowance Holders	Submit biannual report	2
1		Submit annual report (part of biannual report)	1
		Submit conferral request	2
		Provide certification to third party (conferee)	2
		Maintain records	1
1		Submit one-time set-aside allowance request	1
1		Submit one-time report	1
	Third Party Audits	Submit annual audit report	1
Annual Total			
3 Year Total			
Annual Average			

Respondent Burden	
\$122.20	Hourly Labor Rate - Technical Staff
\$99.83	Hourly Labor Rate - Clerical Staff

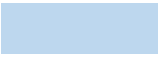
Technical Hours per Response	Clerical Hours per Response	Total Hours per Respondent per Year	Labor Cost per Respondent per Year	O&M Costs per Respondent per Year	Respondents per Activity per Year			Total Responses per	
					Y1	Y2	Y3	Y1	Y2
100.0	0	100.0	\$12,220	\$0	22	1	1	22	1
6.0	0	24.0	\$2,933	\$0	22	22	22	88	88
20.0	0	20.0	\$2,444	\$0	22	22	22	22	22
0.0	80	80.0	\$7,986	\$50	22	22	22	22	22
0.5	0	0.5	\$61	\$0	0	0	22	-	-
2.0	0	18.2	\$2,220	\$0	0	0	6	-	-
100.0	0	100.0	\$12,220	\$0	4	0	0	4	-
12.0	0	12.0	\$1,466	\$50	4	4	4	4	4
0.3	0	0.5	\$61	\$0	4	4	4	8	8
2.0	0	2.0	\$244	\$0	15	15	15	15	15
2.0	0	2.0	\$244	\$0	305	0	0	305	-
6.0	0	24.0	\$2,933	\$0	305	305	305	1,220	1,220
10.0	0	10.0	\$1,222	\$0	305	305	305	305	305
6.0	0	6.0	\$733	\$0	40	0	0	40	-
0.0	80	80.0	\$7,986	\$50	305	305	305	305	305
0.5	0	0.5	\$61	\$0	0	0	305	-	-
2.0	0	18.2	\$2,220	\$0	0	0	76	-	-
2.0	0	96.0	\$11,731	\$0	8	8	8	384	384
6.0	0	18.0	\$2,200	\$0	4	4	4	12	12
0.3	0	6.1	\$751	\$0	305	305	305	7,500	7,500
0.3	0	0.8	\$92	\$0	4	4	4	12	12
0.0	20	20.0	\$1,997	\$0	4	4	4	4	4
2.0	0	2.0	\$244	\$0	15	15	15	15	15
2.0	0	2.0	\$244	\$0	305	305	305	305	305
0.0	20	20.0	\$1,997	\$50	5	5	5	5	5
0.0	20	20.0	\$1,997	\$50	100	100	100	100	100
1.0	0	10.0	\$1,222	\$0	24	24	24	240	240
0.0	20	20.0	\$1,997	\$50	24	24	24	24	24
6.0	0	24.0	\$2,933	\$0	24	24	24	96	96
10.0	0	10.0	\$1,222	\$0	24	24	24	24	24
6.0	0	12.0	\$1,466	\$0	7	7	7	14	14
0.5	0	0.5	\$61	\$0	0	0	0	-	-
0.0	0	2.5	\$302	\$0	0	0	0	-	-
6.0	0	6.0	\$733	\$0	30	30	30	30	30
2.0	0	2.0	\$244	\$0	30	30	30	30	30
2.0	0	8.0	\$978	\$0	30	30	30	120	120
0.0	20	20.0	\$1,997	\$50	30	30	30	30	30
100.0	0	100.0	\$12,220	\$0	20	1	1	20	1
4.0	0	4.0	\$489	\$0	15	15	15	15	15
0.0	20	20.0	\$1,997	\$50	15	15	15	15	15

2.0	0	2.0	\$244	\$0	15	15	15	15	15
2.0	0	2.0	\$244	\$0	12	12	12	12	12
100.0	0	100.0	\$12,220	\$0	33	1	1	33	1
4.0	0	4.0	\$489	\$0	29	29	29	29	29
0.0	20	20.0	\$1,997	\$50	29	29	29	29	29
2.0	0	2.0	\$244	\$0	29	29	29	29	29
100.0	0	100.0	\$12,220	\$0	6	1	1	6	1
6.0	0	6.0	\$733	\$0	6	6	6	6	6
40.0	0	40.0	\$4,888	\$0	68	1	1	68	1
9.4	0	37.6	\$4,595	\$0	68	68	68	272	272
10.0	0	10.0	\$1,222	\$0	68	68	68	68	68
0.0	40	40.0	\$3,993	\$50	68	68	68	68	68
0.5	0	0.5	\$61	\$0	0	0	0	-	-
0.0	0	257.8	\$31,505	\$0	0	0	0	-	-
0.5	0	0.5	\$61	\$0	0	0	0	-	-
0.0	0	257.8	\$31,505	\$0	0	0	0	-	-
40.0	0	40.0	\$4,888	\$0	10	1	1	10	1
9.4	0	37.6	\$4,595	\$0	10	10	10	40	40
10.0	0	10.0	\$1,222	\$0	10	10	10	10	10
0.0	20	20.0	\$1,997	\$50	10	10	10	10	10
0.5	0	0.5	\$61	\$0	0	0	0	-	-
0.0	0	257.8	\$31,505	\$0	0	0	0	-	-
6.0	0	12.0	\$1,466	\$0	25	25	25	50	50
6.0	0	6.0	\$733	\$0	1	1	1	1	1
6.0	0	6.0	\$733	\$0	1	1	1	1	1
6.0	0	6.0	\$733	\$0	5	5	5	5	5
6.0	0	12.0	\$1,466	\$0	60	60	60	120	120
6.0	0	6.0	\$733	\$0	60	60	60	60	60
6.0	0	12.0	\$1,466	\$0	60	60	60	120	120
2.0	0	4.0	\$489	\$0	60	60	60	120	120
0.0	80	80.0	\$7,986	\$50	60	60	60	60	60
6.0	0	6.0	\$733	\$0	10	0	0	10	-
38.0	0	38.0	\$4,644	\$0	10	0	0	10	-
40.0	0	40.0	\$4,888	\$5,942	455	455	455	455	455
								13,072	12,550
								39,242	
								13,081	

r Year	Total Hours per Year			Total Labor Cost per Year			Total O&M Costs per Year	Total Cost per Year	
	Y3	Y1	Y2	Y3	Y1	Y2		Y3	Y1
1	2,200	100	100	\$268,840	\$12,220	\$12,220	\$0	\$268,840	\$12,220
88	528	528	528	\$64,522	\$64,522	\$64,522	\$0	\$64,522	\$64,522
22	440	440	440	\$53,768	\$53,768	\$53,768	\$0	\$53,768	\$53,768
22	1,760	1,760	1,760	\$175,701	\$175,701	\$175,701	\$1,100	\$176,801	\$176,801
22	0	0	11	\$0	\$0	\$1,344	\$0	\$0	\$0
50	0	0	100	\$0	\$0	\$12,209	\$0	\$0	\$0
-	400	0	0	\$48,880	\$0	\$0	\$0	\$48,880	\$0
4	48	48	48	\$5,866	\$5,866	\$5,866	\$200	\$6,066	\$6,066
8	2	2	2	\$244	\$244	\$244	\$0	\$244	\$244
15	30	30	30	\$3,666	\$3,666	\$3,666	\$0	\$3,666	\$3,666
-	610	0	0	\$74,542	\$0	\$0	\$0	\$74,542	\$0
1,220	7,320	7,320	7,320	\$894,504	\$894,504	\$894,504	\$0	\$894,504	\$894,504
305	3,050	3,050	3,050	\$372,710	\$372,710	\$372,710	\$0	\$372,710	\$372,710
-	240	0	0	\$29,328	\$0	\$0	\$0	\$29,328	\$0
305	24,400	24,400	24,400	\$2,435,852	\$2,435,852	\$2,435,852	\$15,250	\$2,451,102	\$2,451,102
305	0	0	153	\$0	\$0	\$18,636	\$0	\$0	\$0
693	0	0	1,385	\$0	\$0	\$169,258	\$0	\$0	\$0
384	768	768	768	\$93,850	\$93,850	\$93,850	\$0	\$93,850	\$93,850
12	72	72	72	\$8,798	\$8,798	\$8,798	\$0	\$8,798	\$8,798
7,500	1,875	1,875	1,875	\$229,125	\$229,125	\$229,125	\$0	\$229,125	\$229,125
12	3	3	3	\$367	\$367	\$367	\$0	\$367	\$367
4	80	80	80	\$7,986	\$7,986	\$7,986	\$0	\$7,986	\$7,986
15	30	30	30	\$3,666	\$3,666	\$3,666	\$0	\$3,666	\$3,666
305	610	610	610	\$74,542	\$74,542	\$74,542	\$0	\$74,542	\$74,542
5	100	100	100	\$9,983	\$9,983	\$9,983	\$250	\$10,233	\$10,233
100	2,000	2,000	2,000	\$199,660	\$199,660	\$199,660	\$5,000	\$204,660	\$204,660
240	240	240	240	\$29,328	\$29,328	\$29,328	\$0	\$29,328	\$29,328
24	480	480	480	\$47,918	\$47,918	\$47,918	\$1,200	\$49,118	\$49,118
96	576	576	576	\$70,387	\$70,387	\$70,387	\$0	\$70,387	\$70,387
24	240	240	240	\$29,328	\$29,328	\$29,328	\$0	\$29,328	\$29,328
14	84	84	84	\$10,265	\$10,265	\$10,265	\$0	\$10,265	\$10,265
-	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0
-	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0
30	180	180	180	\$21,996	\$21,996	\$21,996	\$0	\$21,996	\$21,996
30	60	60	60	\$7,332	\$7,332	\$7,332	\$0	\$7,332	\$7,332
120	240	240	240	\$29,328	\$29,328	\$29,328	\$0	\$29,328	\$29,328
30	600	600	600	\$59,898	\$59,898	\$59,898	\$1,500	\$61,398	\$61,398
1	2,000	100	100	\$244,400	\$12,220	\$12,220	\$0	\$244,400	\$12,220
15	60	60	60	\$7,332	\$7,332	\$7,332	\$0	\$7,332	\$7,332
15	300	300	300	\$29,949	\$29,949	\$29,949	\$750	\$30,699	\$30,699

15	30	30	30	\$3,666	\$3,666	\$3,666	\$0	\$3,666	\$3,666
12	24	24	24	\$2,933	\$2,933	\$2,933	\$0	\$2,933	\$2,933
1	3,300	100	100	\$403,260	\$12,220	\$12,220	\$0	\$403,260	\$12,220
29	116	116	116	\$14,175	\$14,175	\$14,175	\$0	\$14,175	\$14,175
29	580	580	580	\$57,901	\$57,901	\$57,901	\$1,450	\$59,351	\$59,351
29	58	58	58	\$7,088	\$7,088	\$7,088	\$0	\$7,088	\$7,088
1	600	100	100	\$73,320	\$12,220	\$12,220	\$0	\$73,320	\$12,220
6	36	36	36	\$4,399	\$4,399	\$4,399	\$0	\$4,399	\$4,399
1	2,720	40	40	\$332,384	\$4,888	\$4,888	\$0	\$332,384	\$4,888
272	2,557	2,557	2,557	\$312,441	\$312,441	\$312,441	\$0	\$312,441	\$312,441
68	680	680	680	\$83,096	\$83,096	\$83,096	\$0	\$83,096	\$83,096
68	2,720	2,720	2,720	\$271,538	\$271,538	\$271,538	\$3,400	\$274,938	\$274,938
-	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0
-	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0
-	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0
-	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0
1	400	40	40	\$48,880	\$4,888	\$4,888	\$0	\$48,880	\$4,888
40	376	376	376	\$45,947	\$45,947	\$45,947	\$0	\$45,947	\$45,947
10	100	100	100	\$12,220	\$12,220	\$12,220	\$0	\$12,220	\$12,220
10	200	200	200	\$19,966	\$19,966	\$19,966	\$500	\$20,466	\$20,466
-	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0
-	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0
50	300	300	300	\$36,660	\$36,660	\$36,660	\$0	\$36,660	\$36,660
1	6	6	6	\$733	\$733	\$733	\$0	\$733	\$733
1	6	6	6	\$733	\$733	\$733	\$0	\$733	\$733
5	30	30	30	\$3,666	\$3,666	\$3,666	\$0	\$3,666	\$3,666
120	720	720	720	\$87,984	\$87,984	\$87,984	\$0	\$87,984	\$87,984
60	360	360	360	\$43,992	\$43,992	\$43,992	\$0	\$43,992	\$43,992
120	720	720	720	\$87,984	\$87,984	\$87,984	\$0	\$87,984	\$87,984
120	240	240	240	\$29,328	\$29,328	\$29,328	\$0	\$29,328	\$29,328
60	4,800	4,800	4,800	\$479,184	\$479,184	\$479,184	\$3,000	\$482,184	\$482,184
-	60	0	0	\$7,332	\$0	\$0	\$0	\$7,332	\$0
-	380	0	0	\$46,436	\$0	\$0	\$0	\$46,436	\$0
455	18,200	18,200	18,200	\$2,224,040	\$2,224,040	\$2,224,040	\$2,703,792	\$4,927,832	\$4,927,832
13,620	91,945	79,515	81,163	10,385,147	8,866,201	9,067,648	2,737,392	13,122,539	11,603,593
	252,623			\$28,318,996			\$8,212,176	\$36,531,172	
	84,208			\$9,439,665			\$2,737,392	\$12,177,057	

\$3,666	3
\$2,933	3
\$12,220	1
\$14,175	1
\$59,351	2
\$7,088	3
\$12,220	1
\$4,399	1
\$4,888	1
\$312,441	1
\$83,096	1
\$274,938	2
\$0	1
\$0	1
\$0	1
\$0	1
\$4,888	1
\$45,947	1
\$12,220	1
\$20,466	2
\$0	1
\$0	1
\$36,660	1
\$733	1
\$733	1
\$3,666	1
\$87,984	1
\$43,992	1
\$87,984	1
\$29,328	3
\$482,184	2
\$0	1
\$0	1
\$4,927,832	1
11,805,040	



Total Costs
\$13,122,539
\$11,603,593
\$11,805,040
\$12,177,057

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Responent Burden

Respondent Type	Activity	Responses per Respondent per Year
HFC Producer	Submit one-time producer report	1
	Submit quarterly report	4
	Submit annual inventory report (part of quarterly report)	1
	Maintain records	1
	Register with certification ID system	1
	Enter data into certification ID system	9
	Submit one-time HFC-23 emissions report	1
	Submit annual HFC-23 emissions report	1
	Submit HFC-23 proof of destruction	2
	Provide certification to third party (conferrer)	1
HFC Importer	Submit one-time AD/CVD report	1
	Submit quarterly report	4
	Submit annual inventory report (part of quarterly report)	1
	Submit one-time set-aside allowance request	1
	Maintain records	1
	Register with certification ID system	1
	Enter data into certification ID system	9
	Petition to import HFCs for transformation/destruction	48
	Petition to import used HFCs for destruction	3
	Submit ACE report	25
	Submit proof of destruction of used imports	3
	Maintain records on used imports for destruction	1
	Provide certification to third party (conferrer)	1
Submit voluntary annual report	1	
HFC Aggregator	Maintain records	1
Vessel Owner	Maintain records	1
HFC Transhipments	Submit notification of transhipments	10
	Maintain records	1
HFC Exporter	Submit quarterly report	4
	Submit annual inventory report (part of quarterly report)	1
	Submit request for additional consumption allowances	2
HFC Suppliers	Register with certification ID system	1
	Enter data into certification ID system	891
	Submit conferral request	1
	Provide certification to third party (conferee)	1
	Provide certification to third party (conferrer)	4
	Maintain records	1
	Submit one-time report	1
	Submit annual second party report	1

1	HFC Destroyer	Maintain records	1
		Provide destruction verification to third party	1
		Provide proof of destruction to third party	1
1	HFC Transformer	Submit one-time report	1
		Submit annual second party report	1
		Maintain records	1
		Provide transformation verification to third party	1
1	HFC Process Agent Use	Submit one-time report	1
		Submit annual report	1
1	HFC Reclaimers	Submit one-time report	1
		Submit quarterly report	4
		Submit annual inventory report (part of quarterly report)	1
		Maintain records	1
		Register with certification ID system	1
		Enter data into certification ID system	46,406
1	HFC Fillers and Packagers	Register with certification ID system	1
		Enter data into certification ID system	46,406
1	HFC Fire Suppression Agent Recyclers	Submit one-time report	1
		Submit quarterly report	4
		Submit annual inventory report (part of quarterly report)	1
		Maintain records	1
		Register with certification ID system	1
		Enter data into certification ID system	46,406
1	HFC Transfers	Submit inter-company transfer request	2
		Submit request to transfer from a person in a foreign country	1
		Submit request to transfer to a person in a foreign country	1
		Submit request to sell/transfer HFCs produced/imported with application-specific allowances	1
1	Application-Specific Allowance Holders	Submit biannual report	2
		Submit annual report (part of biannual report)	1
		Submit conferral request	2
		Provide certification to third party (conferee)	2
		Maintain records	1
		Submit one-time set-aside allowance request	1
		Submit one-time report	1
1	Third Party Audits	Submit annual audit report	1
Annual Total			
7 Year Total			
Annual Average			

Respondent Burden	
\$122.20	Hourly Labor Rate - Technical Staff
\$99.83	Hourly Labor Rate - Clerical Staff

Technical Hours per Response	Clerical Hours per Reponse	Total Hours per Respondent per Year	Labor Cost per Respondent per Year	O&M Costs per Respondent per Year	Respondents per Activit			
					Y1 (2022)	Y2 (2023)	Y3 (2024)	Y4 (2025)
100.0	0	100.0	\$12,220	\$0	22	1	1	1
6.0	0	24.0	\$2,933	\$0	22	22	22	22
20.0	0	20.0	\$2,444	\$0	22	22	22	22
0.0	80	80.0	\$7,986	\$50	22	22	22	22
0.5	0	0.5	\$61	\$0	0	0	22	1
2.0	0	18.2	\$2,220	\$0	0	0	6	22
100.0	0	100.0	\$12,220	\$0	4	0	0	0
12.0	0	12.0	\$1,466	\$50	4	4	4	4
0.3	0	0.5	\$61	\$0	4	4	4	4
2.0	0	2.0	\$244	\$0	15	15	15	15
2.0	0	2.0	\$244	\$0	305	0	0	0
6.0	0	24.0	\$2,933	\$0	305	305	305	305
10.0	0	10.0	\$1,222	\$0	305	305	305	305
6.0	0	6.0	\$733	\$0	40	0	0	0
0.0	80	80.0	\$7,986	\$50	305	305	305	305
0.5	0	0.5	\$61	\$0	0	0	305	1
2.0	0	18.2	\$2,220	\$0	0	0	76	305
2.0	0	96.0	\$11,731	\$0	8	8	8	8
6.0	0	18.0	\$2,200	\$0	4	4	4	4
0.3	0	6.1	\$751	\$0	305	305	305	305
0.3	0	0.8	\$92	\$0	4	4	4	4
0.0	20	20.0	\$1,997	\$0	4	4	4	4
2.0	0	2.0	\$244	\$0	15	15	15	15
2.0	0	2.0	\$244	\$0	305	305	305	305
0.0	20	20.0	\$1,997	\$50	5	5	5	5
0.0	20	20.0	\$1,997	\$50	100	100	100	100
1.0	0	10.0	\$1,222	\$0	24	24	24	24
0.0	20	20.0	\$1,997	\$50	24	24	24	24
6.0	0	24.0	\$2,933	\$0	24	24	24	24
10.0	0	10.0	\$1,222	\$0	24	24	24	24
6.0	0	12.0	\$1,466	\$0	7	7	7	7
0.5	0	0.5	\$61	\$0	0	0	0	0
0.0	0	2.5	\$302	\$0	0	0	0	0
6.0	0	6.0	\$733	\$0	30	30	30	30
2.0	0	2.0	\$244	\$0	30	30	30	30
2.0	0	8.0	\$978	\$0	30	30	30	30
0.0	20	20.0	\$1,997	\$50	30	30	30	30
100.0	0	100.0	\$12,220	\$0	20	1	1	1
4.0	0	4.0	\$489	\$0	15	15	15	15

0.0	20	20.0	\$1,997	\$50	15	15	15	15
2.0	0	2.0	\$244	\$0	15	15	15	15
2.0	0	2.0	\$244	\$0	12	12	12	12
100.0	0	100.0	\$12,220	\$0	33	1	1	1
4.0	0	4.0	\$489	\$0	29	29	29	29
0.0	20	20.0	\$1,997	\$50	29	29	29	29
2.0	0	2.0	\$244	\$0	29	29	29	29
100.0	0	100.0	\$12,220	\$0	6	1	1	1
6.0	0	6.0	\$733	\$0	6	6	6	6
40.0	0	40.0	\$4,888	\$0	68	1	1	1
9.4	0	37.6	\$4,595	\$0	68	68	68	68
10.0	0	10.0	\$1,222	\$0	68	68	68	68
0.0	40	40.0	\$3,993	\$50	68	68	68	68
0.5	0	0.5	\$61	\$0	0	0	0	68
0.0	0	257.8	\$31,505	\$0	0	0	0	17
0.5	0	0.5	\$61	\$0	0	0	0	50
0.0	0	257.8	\$31,505	\$0	0	0	0	13
40.0	0	40.0	\$4,888	\$0	10	1	1	1
9.4	0	37.6	\$4,595	\$0	10	10	10	10
10.0	0	10.0	\$1,222	\$0	10	10	10	10
0.0	20	20.0	\$1,997	\$50	10	10	10	10
0.5	0	0.5	\$61	\$0	0	0	0	10
0.0	0	257.8	\$31,505	\$0	0	0	0	3
6.0	0	12.0	\$1,466	\$0	25	25	25	25
6.0	0	6.0	\$733	\$0	1	1	1	1
6.0	0	6.0	\$733	\$0	1	1	1	1
6.0	0	6.0	\$733	\$0	5	5	5	5
6.0	0	12.0	\$1,466	\$0	60	60	60	60
6.0	0	6.0	\$733	\$0	60	60	60	60
6.0	0	12.0	\$1,466	\$0	60	60	60	60
2.0	0	4.0	\$489	\$0	60	60	60	60
0.0	80	80.0	\$7,986	\$50	60	60	60	60
6.0	0	6.0	\$733	\$0	10	0	0	0
38.0	0	38.0	\$4,644	\$0	10	0	0	0
40.0	0	40.0	\$4,888	\$5,942	455	455	455	455

15	15	15	15	15	15	15	15	15	15
15	15	15	15	15	15	15	15	15	15
12	12	12	12	12	12	12	12	12	12
1	1	1	33	1	1	1	1	1	1
29	29	29	29	29	29	29	29	29	29
29	29	29	29	29	29	29	29	29	29
29	29	29	29	29	29	29	29	29	29
1	1	1	6	1	1	1	1	1	1
6	6	6	6	6	6	6	6	6	6
1	1	1	68	1	1	1	1	1	1
68	68	68	272	272	272	272	272	272	272
68	68	68	68	68	68	68	68	68	68
68	68	68	68	68	68	68	68	68	68
1	1	1	-	-	-	68	1	1	1
68	68	68	-	-	-	788,906	3,155,625	3,155,625	3,155,625
1	1	1	-	-	-	50	1	1	1
50	50	50	-	-	-	580,078	2,320,313	2,320,313	2,320,313
1	1	1	10	1	1	1	1	1	1
10	10	10	40	40	40	40	40	40	40
10	10	10	10	10	10	10	10	10	10
10	10	10	10	10	10	10	10	10	10
1	1	1	-	-	-	10	1	1	1
10	10	10	-	-	-	116,016	464,063	464,063	464,063
25	25	25	50	50	50	50	50	50	50
1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1
5	5	5	5	5	5	5	5	5	5
60	60	60	120	120	120	120	120	120	120
60	60	60	60	60	60	60	60	60	60
60	60	60	120	120	120	120	120	120	120
60	60	60	120	120	120	120	120	120	120
60	60	60	60	60	60	60	60	60	60
0	0	0	10	-	-	-	-	-	-
0	0	0	10	-	-	-	-	-	-
455	455	455	455	455	455	455	455	455	455
			13,072	12,550	13,620	1,500,650	8,193,025	14,865,725	
						39,464,367			
						5,637,767			

	Total Hours per Year								
Y7 (2028)	Y1 (2022)	Y2 (2023)	Y3 (2024)	Y4 (2025)	Y5 (2026)	Y6 (2027)	Y7 (2028)	Y1 (2022)	Y2 (2023)
1	2,200	100	100	100	100	100	100	\$268,840	\$12,220
88	528	528	528	528	528	528	528	\$64,522	\$64,522
22	440	440	440	440	440	440	440	\$53,768	\$53,768
22	1,760	1,760	1,760	1,760	1,760	1,760	1,760	\$175,701	\$175,701
1	0	0	11	1	1	1	1	\$0	\$0
200	0	0	100	400	400	400	400	\$0	\$0
-	400	0	0	0	0	0	0	\$48,880	\$0
4	48	48	48	48	48	48	48	\$5,866	\$5,866
8	2	2	2	2	2	2	2	\$244	\$244
15	30	30	30	30	30	30	30	\$3,666	\$3,666
-	610	0	0	0	0	0	0	\$74,542	\$0
1,220	7,320	7,320	7,320	7,320	7,320	7,320	7,320	\$894,504	\$894,504
305	3,050	3,050	3,050	3,050	3,050	3,050	3,050	\$372,710	\$372,710
-	240	0	0	0	0	0	0	\$29,328	\$0
305	24,400	24,400	24,400	24,400	24,400	24,400	24,400	\$2,435,852	\$2,435,852
1	0	0	153	1	1	1	1	\$0	\$0
2,770	0	0	1,385	5,540	5,540	5,540	5,540	\$0	\$0
384	768	768	768	768	768	768	768	\$93,850	\$93,850
12	72	72	72	72	72	72	72	\$8,798	\$8,798
7,500	1,875	1,875	1,875	1,875	1,875	1,875	1,875	\$229,125	\$229,125
12	3	3	3	3	3	3	3	\$367	\$367
4	80	80	80	80	80	80	80	\$7,986	\$7,986
15	30	30	30	30	30	30	30	\$3,666	\$3,666
305	610	610	610	610	610	610	610	\$74,542	\$74,542
5	100	100	100	100	100	100	100	\$9,983	\$9,983
100	2,000	2,000	2,000	2,000	2,000	2,000	2,000	\$199,660	\$199,660
240	240	240	240	240	240	240	240	\$29,328	\$29,328
24	480	480	480	480	480	480	480	\$47,918	\$47,918
96	576	576	576	576	576	576	576	\$70,387	\$70,387
24	240	240	240	240	240	240	240	\$29,328	\$29,328
14	84	84	84	84	84	84	84	\$10,265	\$10,265
200	0	0	0	0	5,000	100	100	\$0	\$0
8,910,000	0	0	0	0	6,188	24,750	24,750	\$0	\$0
30	180	180	180	180	180	180	180	\$21,996	\$21,996
30	60	60	60	60	60	60	60	\$7,332	\$7,332
120	240	240	240	240	240	240	240	\$29,328	\$29,328
30	600	600	600	600	600	600	600	\$59,898	\$59,898
1	2,000	100	100	100	100	100	100	\$244,400	\$12,220
15	60	60	60	60	60	60	60	\$7,332	\$7,332

15	300	300	300	300	300	300	300	\$29,949	\$29,949
15	30	30	30	30	30	30	30	\$3,666	\$3,666
12	24	24	24	24	24	24	24	\$2,933	\$2,933
1	3,300	100	100	100	100	100	100	\$403,260	\$12,220
29	116	116	116	116	116	116	116	\$14,175	\$14,175
29	580	580	580	580	580	580	580	\$57,901	\$57,901
29	58	58	58	58	58	58	58	\$7,088	\$7,088
1	600	100	100	100	100	100	100	\$73,320	\$12,220
6	36	36	36	36	36	36	36	\$4,399	\$4,399
1	2,720	40	40	40	40	40	40	\$332,384	\$4,888
272	2,557	2,557	2,557	2,557	2,557	2,557	2,557	\$312,441	\$312,441
68	680	680	680	680	680	680	680	\$83,096	\$83,096
68	2,720	2,720	2,720	2,720	2,720	2,720	2,720	\$271,538	\$271,538
1	0	0	0	34	1	1	1	\$0	\$0
3,155,625	0	0	0	4,383	17,531	17,531	17,531	\$0	\$0
1	0	0	0	25	1	1	1	\$0	\$0
2,320,313	0	0	0	3,223	12,891	12,891	12,891	\$0	\$0
1	400	40	40	40	40	40	40	\$48,880	\$4,888
40	376	376	376	376	376	376	376	\$45,947	\$45,947
10	100	100	100	100	100	100	100	\$12,220	\$12,220
10	200	200	200	200	200	200	200	\$19,966	\$19,966
1	0	0	0	5	1	1	1	\$0	\$0
464,063	0	0	0	645	2,578	2,578	2,578	\$0	\$0
50	300	300	300	300	300	300	300	\$36,660	\$36,660
1	6	6	6	6	6	6	6	\$733	\$733
1	6	6	6	6	6	6	6	\$733	\$733
5	30	30	30	30	30	30	30	\$3,666	\$3,666
120	720	720	720	720	720	720	720	\$87,984	\$87,984
60	360	360	360	360	360	360	360	\$43,992	\$43,992
120	720	720	720	720	720	720	720	\$87,984	\$87,984
120	240	240	240	240	240	240	240	\$29,328	\$29,328
60	4,800	4,800	4,800	4,800	4,800	4,800	4,800	\$479,184	\$479,184
-	60	0	0	0	0	0	0	\$7,332	\$0
-	380	0	0	0	0	0	0	\$46,436	\$0
455	18,200	18,200	18,200	18,200	18,200	18,200	18,200	\$2,224,040	\$2,224,040
14,865,725	91,945	79,515	81,163	93,770	129,645	143,307	143,307	10,385,147	8,866,201
				762,652					
				108,950					

Total Labor Cost per Year					Total O&M Costs per Year	To		
Y3 (2024)	Y4 (2025)	Y5 (2026)	Y6 (2027)	Y7 (2028)		Y1 (2022)	Y2 (2023)	Y3 (2024)
\$12,220	\$12,220	\$12,220	\$12,220	\$12,220	\$0	\$268,840	\$12,220	\$12,220
\$64,522	\$64,522	\$64,522	\$64,522	\$64,522	\$0	\$64,522	\$64,522	\$64,522
\$53,768	\$53,768	\$53,768	\$53,768	\$53,768	\$0	\$53,768	\$53,768	\$53,768
\$175,701	\$175,701	\$175,701	\$175,701	\$175,701	\$1,100	\$176,801	\$176,801	\$176,801
\$1,344	\$61	\$61	\$61	\$61	\$0	\$0	\$0	\$1,344
\$12,209	\$48,835	\$48,835	\$48,835	\$48,835	\$0	\$0	\$0	\$12,209
\$0	\$0	\$0	\$0	\$0	\$0	\$48,880	\$0	\$0
\$5,866	\$5,866	\$5,866	\$5,866	\$5,866	\$200	\$6,066	\$6,066	\$6,066
\$244	\$244	\$244	\$244	\$244	\$0	\$244	\$244	\$244
\$3,666	\$3,666	\$3,666	\$3,666	\$3,666	\$0	\$3,666	\$3,666	\$3,666
\$0	\$0	\$0	\$0	\$0	\$0	\$74,542	\$0	\$0
\$894,504	\$894,504	\$894,504	\$894,504	\$894,504	\$0	\$894,504	\$894,504	\$894,504
\$372,710	\$372,710	\$372,710	\$372,710	\$372,710	\$0	\$372,710	\$372,710	\$372,710
\$0	\$0	\$0	\$0	\$0	\$0	\$29,328	\$0	\$0
\$2,435,852	\$2,435,852	\$2,435,852	\$2,435,852	\$2,435,852	\$15,250	\$2,451,102	\$2,451,102	\$2,451,102
\$18,636	\$61	\$61	\$61	\$61	\$0	\$0	\$0	\$18,636
\$169,258	\$677,033	\$677,033	\$677,033	\$677,033	\$0	\$0	\$0	\$169,258
\$93,850	\$93,850	\$93,850	\$93,850	\$93,850	\$0	\$93,850	\$93,850	\$93,850
\$8,798	\$8,798	\$8,798	\$8,798	\$8,798	\$0	\$8,798	\$8,798	\$8,798
\$229,125	\$229,125	\$229,125	\$229,125	\$229,125	\$0	\$229,125	\$229,125	\$229,125
\$367	\$367	\$367	\$367	\$367	\$0	\$367	\$367	\$367
\$7,986	\$7,986	\$7,986	\$7,986	\$7,986	\$0	\$7,986	\$7,986	\$7,986
\$3,666	\$3,666	\$3,666	\$3,666	\$3,666	\$0	\$3,666	\$3,666	\$3,666
\$74,542	\$74,542	\$74,542	\$74,542	\$74,542	\$0	\$74,542	\$74,542	\$74,542
\$9,983	\$9,983	\$9,983	\$9,983	\$9,983	\$250	\$10,233	\$10,233	\$10,233
\$199,660	\$199,660	\$199,660	\$199,660	\$199,660	\$5,000	\$204,660	\$204,660	\$204,660
\$29,328	\$29,328	\$29,328	\$29,328	\$29,328	\$0	\$29,328	\$29,328	\$29,328
\$47,918	\$47,918	\$47,918	\$47,918	\$47,918	\$1,200	\$49,118	\$49,118	\$49,118
\$70,387	\$70,387	\$70,387	\$70,387	\$70,387	\$0	\$70,387	\$70,387	\$70,387
\$29,328	\$29,328	\$29,328	\$29,328	\$29,328	\$0	\$29,328	\$29,328	\$29,328
\$10,265	\$10,265	\$10,265	\$10,265	\$10,265	\$0	\$10,265	\$10,265	\$10,265
\$0	\$0	\$611,000	\$12,220	\$12,220	\$0	\$0	\$0	\$0
\$0	\$0	\$756,113	\$3,024,450	\$3,024,450	\$0	\$0	\$0	\$0
\$21,996	\$21,996	\$21,996	\$21,996	\$21,996	\$0	\$21,996	\$21,996	\$21,996
\$7,332	\$7,332	\$7,332	\$7,332	\$7,332	\$0	\$7,332	\$7,332	\$7,332
\$29,328	\$29,328	\$29,328	\$29,328	\$29,328	\$0	\$29,328	\$29,328	\$29,328
\$59,898	\$59,898	\$59,898	\$59,898	\$59,898	\$1,500	\$61,398	\$61,398	\$61,398
\$12,220	\$12,220	\$12,220	\$12,220	\$12,220	\$0	\$244,400	\$12,220	\$12,220
\$7,332	\$7,332	\$7,332	\$7,332	\$7,332	\$0	\$7,332	\$7,332	\$7,332

\$29,949	\$29,949	\$29,949	\$29,949	\$29,949	\$750	\$30,699	\$30,699	\$30,699
\$3,666	\$3,666	\$3,666	\$3,666	\$3,666	\$0	\$3,666	\$3,666	\$3,666
\$2,933	\$2,933	\$2,933	\$2,933	\$2,933	\$0	\$2,933	\$2,933	\$2,933
\$12,220	\$12,220	\$12,220	\$12,220	\$12,220	\$0	\$403,260	\$12,220	\$12,220
\$14,175	\$14,175	\$14,175	\$14,175	\$14,175	\$0	\$14,175	\$14,175	\$14,175
\$57,901	\$57,901	\$57,901	\$57,901	\$57,901	\$1,450	\$59,351	\$59,351	\$59,351
\$7,088	\$7,088	\$7,088	\$7,088	\$7,088	\$0	\$7,088	\$7,088	\$7,088
\$12,220	\$12,220	\$12,220	\$12,220	\$12,220	\$0	\$73,320	\$12,220	\$12,220
\$4,399	\$4,399	\$4,399	\$4,399	\$4,399	\$0	\$4,399	\$4,399	\$4,399
\$4,888	\$4,888	\$4,888	\$4,888	\$4,888	\$0	\$332,384	\$4,888	\$4,888
\$312,441	\$312,441	\$312,441	\$312,441	\$312,441	\$0	\$312,441	\$312,441	\$312,441
\$83,096	\$83,096	\$83,096	\$83,096	\$83,096	\$0	\$83,096	\$83,096	\$83,096
\$271,538	\$271,538	\$271,538	\$271,538	\$271,538	\$3,400	\$274,938	\$274,938	\$274,938
\$0	\$4,155	\$61	\$61	\$61	\$0	\$0	\$0	\$0
\$0	\$535,580	\$2,142,319	\$2,142,319	\$2,142,319	\$0	\$0	\$0	\$0
\$0	\$3,055	\$61	\$61	\$61	\$0	\$0	\$0	\$0
\$0	\$393,809	\$1,575,234	\$1,575,234	\$1,575,234	\$0	\$0	\$0	\$0
\$4,888	\$4,888	\$4,888	\$4,888	\$4,888	\$0	\$48,880	\$4,888	\$4,888
\$45,947	\$45,947	\$45,947	\$45,947	\$45,947	\$0	\$45,947	\$45,947	\$45,947
\$12,220	\$12,220	\$12,220	\$12,220	\$12,220	\$0	\$12,220	\$12,220	\$12,220
\$19,966	\$19,966	\$19,966	\$19,966	\$19,966	\$500	\$20,466	\$20,466	\$20,466
\$0	\$611	\$61	\$61	\$61	\$0	\$0	\$0	\$0
\$0	\$78,762	\$315,047	\$315,047	\$315,047	\$0	\$0	\$0	\$0
\$36,660	\$36,660	\$36,660	\$36,660	\$36,660	\$0	\$36,660	\$36,660	\$36,660
\$733	\$733	\$733	\$733	\$733	\$0	\$733	\$733	\$733
\$733	\$733	\$733	\$733	\$733	\$0	\$733	\$733	\$733
\$3,666	\$3,666	\$3,666	\$3,666	\$3,666	\$0	\$3,666	\$3,666	\$3,666
\$87,984	\$87,984	\$87,984	\$87,984	\$87,984	\$0	\$87,984	\$87,984	\$87,984
\$43,992	\$43,992	\$43,992	\$43,992	\$43,992	\$0	\$43,992	\$43,992	\$43,992
\$87,984	\$87,984	\$87,984	\$87,984	\$87,984	\$0	\$87,984	\$87,984	\$87,984
\$29,328	\$29,328	\$29,328	\$29,328	\$29,328	\$0	\$29,328	\$29,328	\$29,328
\$479,184	\$479,184	\$479,184	\$479,184	\$479,184	\$3,000	\$482,184	\$482,184	\$482,184
\$0	\$0	\$0	\$0	\$0	\$0	\$7,332	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$46,436	\$0	\$0
\$2,224,040	\$2,224,040	\$2,224,040	\$2,224,040	\$2,224,040	\$2,703,792	\$4,927,832	\$4,927,832	\$4,927,832
9,067,648	10,608,162	14,992,087	16,661,645	16,661,645	2,737,392	13,122,539	11,603,593	11,805,040
\$87,242,535					\$8,212,176			
\$12,463,219					\$2,737,392			

tal Cost per Year

Y4 (2025)	Y5 (2026)	Y6 (2027)	Y7 (2028)	
\$12,220	\$12,220	\$12,220	\$12,220	1
\$64,522	\$64,522	\$64,522	\$64,522	1
\$53,768	\$53,768	\$53,768	\$53,768	1
\$176,801	\$176,801	\$176,801	\$176,801	2
\$61	\$61	\$61	\$61	1
\$48,835	\$48,835	\$48,835	\$48,835	1
\$0	\$0	\$0	\$0	1
\$6,066	\$6,066	\$6,066	\$6,066	1
\$244	\$244	\$244	\$244	1
\$3,666	\$3,666	\$3,666	\$3,666	3
\$0	\$0	\$0	\$0	1
\$894,504	\$894,504	\$894,504	\$894,504	1
\$372,710	\$372,710	\$372,710	\$372,710	1
\$0	\$0	\$0	\$0	1
\$2,451,102	\$2,451,102	\$2,451,102	\$2,451,102	2
\$61	\$61	\$61	\$61	1
\$677,033	\$677,033	\$677,033	\$677,033	1
\$93,850	\$93,850	\$93,850	\$93,850	1
\$8,798	\$8,798	\$8,798	\$8,798	1
\$229,125	\$229,125	\$229,125	\$229,125	1
\$367	\$367	\$367	\$367	1
\$7,986	\$7,986	\$7,986	\$7,986	2
\$3,666	\$3,666	\$3,666	\$3,666	3
\$74,542	\$74,542	\$74,542	\$74,542	1
\$10,233	\$10,233	\$10,233	\$10,233	2
\$204,660	\$204,660	\$204,660	\$204,660	2
\$29,328	\$29,328	\$29,328	\$29,328	1
\$49,118	\$49,118	\$49,118	\$49,118	2
\$70,387	\$70,387	\$70,387	\$70,387	1
\$29,328	\$29,328	\$29,328	\$29,328	1
\$10,265	\$10,265	\$10,265	\$10,265	1
\$0	\$611,000	\$12,220	\$12,220	1
\$0	\$756,113	\$3,024,450	\$3,024,450	1
\$21,996	\$21,996	\$21,996	\$21,996	1
\$7,332	\$7,332	\$7,332	\$7,332	3
\$29,328	\$29,328	\$29,328	\$29,328	3
\$61,398	\$61,398	\$61,398	\$61,398	2
\$12,220	\$12,220	\$12,220	\$12,220	1
\$7,332	\$7,332	\$7,332	\$7,332	1

\$30,699	\$30,699	\$30,699	\$30,699	2
\$3,666	\$3,666	\$3,666	\$3,666	3
\$2,933	\$2,933	\$2,933	\$2,933	3
\$12,220	\$12,220	\$12,220	\$12,220	1
\$14,175	\$14,175	\$14,175	\$14,175	1
\$59,351	\$59,351	\$59,351	\$59,351	2
\$7,088	\$7,088	\$7,088	\$7,088	3
\$12,220	\$12,220	\$12,220	\$12,220	1
\$4,399	\$4,399	\$4,399	\$4,399	1
\$4,888	\$4,888	\$4,888	\$4,888	1
\$312,441	\$312,441	\$312,441	\$312,441	1
\$83,096	\$83,096	\$83,096	\$83,096	1
\$274,938	\$274,938	\$274,938	\$274,938	2
\$4,155	\$61	\$61	\$61	1
\$535,580	\$2,142,319	\$2,142,319	\$2,142,319	1
\$3,055	\$61	\$61	\$61	1
\$393,809	\$1,575,234	\$1,575,234	\$1,575,234	1
\$4,888	\$4,888	\$4,888	\$4,888	1
\$45,947	\$45,947	\$45,947	\$45,947	1
\$12,220	\$12,220	\$12,220	\$12,220	1
\$20,466	\$20,466	\$20,466	\$20,466	2
\$611	\$61	\$61	\$61	1
\$78,762	\$315,047	\$315,047	\$315,047	1
\$36,660	\$36,660	\$36,660	\$36,660	1
\$733	\$733	\$733	\$733	1
\$733	\$733	\$733	\$733	1
\$3,666	\$3,666	\$3,666	\$3,666	1
\$87,984	\$87,984	\$87,984	\$87,984	1
\$43,992	\$43,992	\$43,992	\$43,992	1
\$87,984	\$87,984	\$87,984	\$87,984	1
\$29,328	\$29,328	\$29,328	\$29,328	3
\$482,184	\$482,184	\$482,184	\$482,184	2
\$0	\$0	\$0	\$0	1
\$0	\$0	\$0	\$0	1
\$4,927,832	\$4,927,832	\$4,927,832	\$4,927,832	1
13,345,554	17,729,479	19,399,037	19,399,037	
\$106,404,279				
\$15,200,611				

Year	Total Responses	Total Hours	Total Labor Costs	Total O&M Costs	Total Costs
Year 1 (2022)	13,072	91,945	\$10,385,147	\$2,737,392	\$13,122,539
Year 2 (2023)	12,550	79,515	\$8,866,201	\$2,737,392	\$11,603,593
Year 3 (2024)	13,620	81,163	\$9,067,648	\$2,737,392	\$11,805,040
Year 4 (2025)	1,500,650	93,770	\$10,608,162	\$2,737,392	\$13,345,554
Year 5 (2026)	8,193,025	129,645	\$14,992,087	\$2,737,392	\$17,729,479
Year 6 (2027)	14,865,725	143,307	\$16,661,645	\$2,737,392	\$19,399,037
Year 7 (2028)	14,865,725	143,307	\$16,661,645	\$2,737,392	\$19,399,037
Annual Average	5,637,767	108,950	\$12,463,219	\$2,737,392	\$15,200,611

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Hours/year	Year 1 (2022)	Year 2 (2023)	Year 3 (2024)	Year 4 (2025)	Year 5 (2026)
Reporting	53,213	40,783	42,431	55,038	90,913
Recordkeeping	38,020	38,020	38,020	38,020	38,020
Third party	712	712	712	712	712

Year 6 (2027)	Year 7 (2028)
104,575	104,575
38,020	38,020
712	712

Agency Assumptions

Activity	Managerial Hours per activity	Technical Hours per activity	Clerical Hours per activity
Develop and Maintain a Certification ID Tracking System	120.0	3000.0	0.0
Expand Data Tracking System	60.0	1500.0	0.0
Notify Submitters of Baseline Allowances	0.1	1.0	0.0
Review Data for Reporting Completeness and Compliance	0.0	0.3	0.0
Process Transfer Reports	0.1	0.5	0.0
Review Petitions to Import HFCs	0.1	1.0	0.0
Review Voluntary Importer Reports	0.1	1.0	0.0
Review Set Aside Allowance Requests	0.3	4.0	0.0
Review Third-Party Audits	0.1	2.0	0.0
Provide Reporting Guidance	0.0	2.0	0.0
Conduct Stakeholder Outreach Efforts	4.0	60.0	0.0
Maintain the Data Tracking System	40.0	750.0	0.0
Review Import Data Submitted in ACE	0.0	0.3	0.0
Conduct Compliance Monitoring Activities	120.0	2500.0	0.0
Ensure Non-Exceedance of AIM Act Limits	20.0	80.0	0.0

Activity	Number of Activities		
	Y1	Y2	Y3
Develop and Maintain a Certification ID Tracking System	1	1	0.8
Expand Data Tracking System	1	1	1
Notify Submitters of Baseline Allowances	327	327	327
Review Data for Reporting Completeness and Compliance	2,497	2,320	2,320
Process Transfer Reports	57	57	57
Review Petitions to Import HFCs	396	396	396
Review Voluntary Importer Reports	305	305	305
Review Set Aside Allowance Requests	50	0	0
Review Third-Party Audits	455	455	455
Provide Reporting Guidance	40	40	40
Conduct Stakeholder Outreach Efforts	1	1	1
Maintain the Data Tracking System	1	1	1
Review Import Data Submitted in ACE	7,500	7,500	7,500
Conduct Compliance Monitoring Activities	2	2	2
Ensure Non-Exceedance of AIM Act Limits	1	1	1



Contractor Hours per activity	Source
12000.0	Based on input from EPA
10000.0	Based on input from EPA
1.0	Based on ODS ICR and input from EPA
1.0	Based on ODS ICR and input from EPA
0.5	Based on ODS ICR
0.5	Based on ODS ICR and input from EPA
0.0	
4.0	Based on Emergency One-time Collection ICR
4.0	Based on input from EPA
2.0	Based on ODS ICR plus an increase since new program
120.0	Based on ODS ICR plus an increase since new program
1800.0	Based on input from EPA
0.1	NEW - Based on input from EPA
750.0	Based on input from EPA
80.0	Based on ODS ICR and input from EPA

Source
Assumes development will be complete after year 2
Assumes most development will be complete in year 1, with decreasing refinements needed later
Equals the number of producers + importers
Equals the number of one-time reports, producer, importer, exporter, transformation, destruction, process agent, RACA, and application-specific allowance holder reports received per year
Equals the number trade reports received per year
Equals the number of petitions to import for destruction received per year
Equals the maximum number of importers
Equals the number of new application-specific allowance holders and importers
Based on ODS ICR
Based on current import level and EPA estimated effort
imports and exports

Agency Burden

Activity	Managerial Hours per Activity	Technical Hours per Activity	Clerical Hours per Activity
Develop and Maintain a Certification ID Tracking System	120.0	3,000.0	0.0
Expand Data Tracking System	60.0	1,500.0	0.0
Notify Submitters of Baseline Allowances	0.1	1.0	0.0
Review Data for Reporting Completeness and Compliance	0.0	0.3	0.0
Process Transfer Reports	0.1	0.5	0.0
Review Petitions to Import HFCs	0.1	1.0	0.0
Review Voluntary Importer Reports	0.1	1.0	0.0
Review Set Aside Allowance Requests	0.3	4.0	0.0
Review Third-Party Audits	0.1	2.0	0.0
Provide Reporting Guidance	0.0	2.0	0.0
Conduct Stakeholder Outreach Efforts	4.0	60.0	0.0
Maintain the Data Tracking System	40.0	750.0	0.0
Review Import Data Submitted in ACE	0.0	0.3	0.0
Conduct Compliance Monitoring Activities	120.0	2,500.0	0.0
Ensure Non-Exceedance of AIM Act Limits	20.0	80.0	0.0
TOTAL			
3 Year Total			
Annual Average			

Hourly Rates			
Managerial Rate	GS 15 Step 1	\$69.06	1.6
Technical Rate	GS 13 Step 1	\$49.68	1.6
Clerical Rate	GS 11 Step 1	\$47.60	1.6
Extramural Rate			

Contractor Hours per Activity	Number of Activities			Total Hours		
	Y1	Y2	Y3	Y1	Y2	Y3
12,000.0	1	1	0.8	15,120	15,120	11,340
10,000.0	1	1	1	11,560	8,670	6,936
1.0	327	327	327	687	687	687
1.0	2,497	2,320	2,320	3,321	3,086	3,086
0.5	57	57	57	63	63	63
0.5	396	396	396	634	634	634
0.0	305	305	305	336	336	336
4.0	50	-	-	413	-	-
4.0	455	455	455	2,776	2,776	2,776
2.0	40	40	40	160	160	160
120.0	1	1	1	184	184	184
1,800.0	1	1	1	2,590	2,590	2,590
0.1	7,500	7,500	7,500	2,700	2,700	2,700
750.0	2	2	2	6,740	6,740	6,740
80.0	1	1	1	180	180	180
				47,461.5	43,923.6	38,409.6
				129,794.7		
				43,264.9		

Managerial Cost		
Y1	Y2	Y3
\$13,260	\$13,260	\$9,945
\$6,630	\$4,973	\$3,978
\$3,613	\$3,613	\$3,613
\$0	\$0	\$0
\$630	\$630	\$630
\$4,376	\$4,376	\$4,376
\$3,370	\$3,370	\$3,370
\$1,381	\$0	\$0
\$5,028	\$5,028	\$5,028
\$0	\$0	\$0
\$442	\$442	\$442
\$4,420	\$4,420	\$4,420
\$8,288	\$8,288	\$8,288
\$26,520	\$26,520	\$26,520
\$2,210	\$2,210	\$2,210
\$80,168	\$77,129	\$72,820
\$230,116		
\$76,705		

\$110.50
\$79.49
\$76.16
\$108.37

Technical Cost			Clerical Cost			Contractor Cost			
Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3	Y1
\$238,470	\$238,470	\$178,853	\$0	\$0	\$0	\$1,300,440	\$1,300,440	\$975,330	\$1,552,170
\$119,235	\$89,426	\$71,541	\$0	\$0	\$0	\$1,083,700	\$812,775	\$650,220	\$1,209,565
\$25,993	\$25,993	\$25,993	\$0	\$0	\$0	\$35,437	\$35,437	\$35,437	\$65,044
\$65,501	\$60,858	\$60,858	\$0	\$0	\$0	\$270,600	\$251,418	\$251,418	\$336,100
\$2,265	\$2,265	\$2,265	\$0	\$0	\$0	\$3,089	\$3,089	\$3,089	\$5,984
\$31,478	\$31,478	\$31,478	\$0	\$0	\$0	\$21,457	\$21,457	\$21,457	\$57,311
\$24,244	\$24,244	\$24,244	\$0	\$0	\$0	\$0	\$0	\$0	\$27,615
\$15,898	\$0	\$0	\$0	\$0	\$0	\$21,674	\$0	\$0	\$38,953
\$72,336	\$72,336	\$72,336	\$0	\$0	\$0	\$197,233	\$197,233	\$197,233	\$274,597
\$6,359	\$6,359	\$6,359	\$0	\$0	\$0	\$8,670	\$8,670	\$8,670	\$15,029
\$4,769	\$4,769	\$4,769	\$0	\$0	\$0	\$13,004	\$13,004	\$13,004	\$18,216
\$59,618	\$59,618	\$59,618	\$0	\$0	\$0	\$195,066	\$195,066	\$195,066	\$259,104
\$149,044	\$149,044	\$149,044	\$0	\$0	\$0	\$81,278	\$81,278	\$81,278	\$238,609
\$397,450	\$397,450	\$397,450	\$0	\$0	\$0	\$162,555	\$162,555	\$162,555	\$586,525
\$6,359	\$6,359	\$6,359	\$0	\$0	\$0	\$8,670	\$8,670	\$8,670	\$17,239
\$1,219,020	\$1,168,670	\$1,091,167	\$0	\$0	\$0	\$3,402,872	\$3,091,092	\$2,603,427	\$4,702,060
\$3,478,857			\$0			\$9,097,391			
\$1,159,619			\$0			\$3,032,464			

Total Cost	
Y2	Y3
\$1,552,170	\$1,164,128
\$907,174	\$725,739
\$65,044	\$65,044
\$312,276	\$312,276
\$5,984	\$5,984
\$57,311	\$57,311
\$27,615	\$27,615
\$0	\$0
\$274,597	\$274,597
\$15,029	\$15,029
\$18,216	\$18,216
\$259,104	\$259,104
\$238,609	\$238,609
\$586,525	\$586,525
\$17,239	\$17,239
\$4,336,891	\$3,767,413
\$12,806,364	
\$4,268,788	

Year	Total Hours	Total Costs
Year 1	47,462	\$4,702,060
Year 2	43,924	\$4,336,891
Year 3	38,410	\$3,767,413
Annual Average	43,265	\$4,268,788

\$16,445,845