



EIA's Voluntary Reporting of Greenhouse Gases [1605(b)] Program

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EIA's Implementation Schedule



- Forms & Instructions
 - Reporting Forms and Instructions approved by OMB on July 13, 2007
 - Finalized versions of Reporting Forms posted to EIA website on October 15, 2007
- Reporting Software
 - Internet-based Data Collection (IDC) system in development
 - Expected launch date early CY 2008

Key Differences between DOE 1605(b) and State GHG accounting protocols



- Concepts unique to 1605(b)
 - Two-tiered reporting
 - Registering
 - Reporting not Registering
 - Subentity concept
 - Can break entity into subentities
 - Based on unique business line; unique output measure; different reduction method; etc
 - Emphasis on Intensity-based Reporting
 - Third-party verification optional

Differences between DOE 1605(b) and State GHG accounting protocols (cont.)

- Small Emitter (< 10,000 MT)
 - More flexible reporting requirements
- Electricity Emission Factors
 - State-based regions, as opposed to E-grid/NERC based regions
 - T&D losses included



Comparison with Other Voluntary Programs



Program	Inventory/Registry	Reductions	Offset Projects	Trading
1605(b)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	No
California Climate Action Registry (CCAR)	<input checked="" type="checkbox"/>	No	No	No
Chicago Climate Exchange (CCX)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
EPA Climate Leaders	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	No
WRI/WBCSD	Inventory guidelines only, no registry	<input checked="" type="checkbox"/>	Project guidelines only, no registry	No
ISO 14064	Inventory guidelines only, no registry	?	Project guidelines only, no registry	No

Comparison with Other Voluntary Programs (Cont'd)



Program	Geographic Boundaries	Organizational Boundaries	De Minimis/ Materiality	Gases Included
1605(b)	U.S. (required); foreign (optional)	All methods (fin./mgt. control; equity)	3%	Kyoto 6 + CFCs (excl. from inventory)
California Climate Action Registry (CCAR)	CA only or all U.S.	Mgt. control or equity share	5%	Yrs 1-3: CO2 Yrs 4+: Kyoto 6
Chicago Climate Exchange (CCX)	Worldwide	?	5%	Kyoto 6
EPA Climate Leaders	U.S. (required); foreign (optional)	All methods (fin./mgt. control; equity)	No fixed threshold	Kyoto 6
WRI/WBCSD	Worldwide	All methods (fin./mgt. control; equity)	5% materiality threshold suggested	Kyoto 6 (Montreal gases optional)
ISO 14064	Worldwide	Facilities, fin. or op. control	?	Kyoto 6

Comparison with Other Voluntary Programs (Cont'd)



Program	Baseline/ Base Year	Electricity Factors	Reduction Methods	Certification (C)/ Verification (V)
1605(b)	1-4 years Register: 2002+ Report: 1990+	EIA state-based regions; T&D; avg. & fossil	Intensity, absolute, & others	C required; V optional. (EIA desk audit)
California Climate Action Registry (CCAR)	Single year (first reporting year); optional	EPA's eGrid	NA	3 rd party C required
Chicago Climate Exchange (CCX)	1-4 years; 2000 or '98-01	?	Absolute	3 rd party V required
EPA Climate Leaders	Single year (most recent w/ available data)	EPA's eGrid; no T&D; avg. only	Absolute, intensity, & projects	V optional. (EPA desk & field audits)
WRI/WBCSD	Any single yr. or multi-yr. avg.	EPA's eGrid; no T&D; avg. only	Absolute emphasized, intensity	V encouraged
ISO 14064	Any single yr. or multi-yr. avg.	No guidance	?	V guidance provided

Benefits of Participating in Voluntary Reporting



- Calculate Carbon Footprint
- Participate in a Registry
 - Establish Baseline
 - Chronicle Positive Actions
 - Public relation benefits
- Economic Benefits
 - Learning benefits to management/workforce
 - Economic/competitive benefits
 - Find economic GHG actions
 - Establish GHG accounting infrastructure
 - Prepare for next institutional framework
 - In-synch with Foreign Subsidiaries

Thank You!

Any Questions?



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See the 1605b website!

[www.eia.doe.gov/oiaf/1605/
/frntvrhg.html](http://www.eia.doe.gov/oiaf/1605/frntvrhg.html)