



The Climate Registry

Welcome to the Public Webinar to discuss General Verification Protocol Version 2.0

The call will begin at 10:00 AM PST

Call in number: 312-878-0218

Access code: 604-429-986

PROBLEMS/QUESTIONS?: 1-866-523-0764 x3

Please use the online Q&A function in the control panel for questions.

We will circulate today's slides after the webinar.



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Introduction to Public Comment Draft of General Verification Protocol Version 2.0

Public Call
February 18, 2010



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Agenda

10:00 Welcome

- Jackie Zorovich, Manager of Verification Services, The Climate Registry

10:05 Review of main updates in GVP v. 2.0

- Jackie Zorovich

10:20 Q&A

- All Participants
- Written questions moderated by Amy Dao, Verification Program Associate, The Climate Registry

11:00 Close



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Development Schedule

Date	Activity
November 1 – 12, 2009	Registry staff review period
November 30 – December 21, 2009	Verification Advisory Group comment period
January 14	A&VO Committee recommended draft for public comment
January 20	Executive Committee action item to approve draft for public comment
February 8 – March 23, 2010	Public comment period
April 13, 2010	A&VO Committee action item to recommend final protocol
April 20, 2010	Executive Committee action item to recommend final protocol



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What's New in GVP v. 2.0?

- **Major Updates**
 - **Verification Cycle**
 - **Facility Visits**
 - **Base Year – no third-party verification**
- **Other Changes**
 - **Integrate Updates and Clarifications 3/2/09**
 - **New equation for percent accuracy**
 - **Expanded discussion on COI**
 - **Updated forms**



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Verification Cycle

Requirement	GVP v. 1.0	GVP v. 2.0
Years in Cycle	5	3
Full Verification	Year 1	Years 1 & 4
Streamlined Verification	Years 2 - 5	Years 2, 3, 5, 6
Facility Visits	Every year	Years 1 & 4 (unless triggered)
Limit on Member-VB relationship	5 years	6 years (two 3-year cycles)

- Expected cost savings to Members



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GVP v. 1.0 - Facility Visits

Previous methodology: GVP v. 1.0 Table 4.2

Total Facilities	Minimum # Visits
1 - 3	1
4 - 10	2
11 - 25	3
26 - 50	6
51 - 100	8
101 - 250	12
251 - 500	15
501 - 1,000	20
Over 1,000	2%

- Verification Bodies can visit fewer than the minimum number if provide reasonable justification (e.g. aggregation of commercial facilities, substations, pump stations, etc.)



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GVP v. 2.0 - Facility Visits

New methodologies in GVP v. 2.0

- **Method A**
 - Based on Number of Non-Commercial Facilities
- **Method B**
 - Based on Ranking Distribution of Direct Emissions
- **Method C**
 - For commercial facilities that generate no process emissions
- **Requirements for worldwide facilities**
- **No justifications for fewer than minimum**



Facility Visits – Method A

- Most appropriate when emissions generated are fairly evenly distributed amongst several facilities

Total # Facilities (X)	Minimum # Visits ($0.6\sqrt{X}$)	Compared to GVP v. 1.0
1	0.6 = 1	1
5	1.34 = 2	2
10	1.90 = 2	2
50	4.24 = 5	6
51	4.28 = 5	8
250	9.49 = 10	12
1000	18.97 = 19	20
5000	42.43 = 43	100



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Facility Visits – Method B(b)i

Accounts for Members with large number of non-commercial facilities with majority of direct emissions generated by small percentage of facilities

Facility ID	% Scope 1 CO2-e
1	55%
2	30%
3	5%
4	5%
5 through 30	5% combined

Rank by Scope 1 CO2-e
Visits must cover 75%

Minimum Visits Required:
GVP v. 2.0 Method B = 2
GVP v. 2.0 Method A = 4
GVP v. 1.0 = 6



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Facility Visits – Method B(b)ii

Similarly rank facilities by contribution of Scope 1 CO₂-e

Facility ID	% Scope 1 CO ₂ -e
1	25%
2	20%
3	4%
4	4%
5 through 100	Each less than 1%

Visits must cover:

- All facilities > 5%
- At least 40% CO₂-e

Minimum Visits Required:

GVP v. 2.0 Method B = 2

GVP v. 2.0 Method A = 6

GVP v. 1.0 = 8



Facility Visits – Method C

- Permitted only for commercial facilities
 - office-based or retail facilities (that do not conduct industrial operations)
- Based on GHG inventory management system instead of facilities
- For Members with centralized inventory management system, minimum = 1 facility visit
- In person or phone interviews with subset of facility personnel responsible for final quality assurance of reported data
- For a retailer with 500 store fronts and a centralized inventory management system, minimum visits:
 - Method C = 1, plus phone interviews
 - Method A = 14
 - GVP v. 1.0 = 15, with potential to justify fewer



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Facility Visits - More than the Minimum?

- **Verification Bodies must document their evaluation of these considerations that may require more than minimum # visits:**
 - ❑ **Nature and diversity of facilities**
 - ❑ **Complexity of quantifying emissions sources**
 - ❑ **Quality and centralization of the GHG data management system and potential appropriateness of random or stratified sampling;**
 - ❑ **Other risks identified through the risk assessment; and,**
 - ❑ **Misstatements identified through the course of verification activities**



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Submitting Public Comments

- Public Comments are due by **March 23**
- Comments must be submitted using the template available on our website:
Home → Member Resources → Verification → General Verification Protocol
- Along with all comments, please include your proposed change.
- Comments are welcome on all aspects of GVP v. 2.0 and are particularly sought on the major changes reviewed.



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Questions



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THANK YOU

for your participation!

**For More Information on
Verification and Accreditation:**

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