

GHG Verification – Project Descriptions

Dr. Schwerdtfeger serves as lead greenhouse (GHG) verifier and provided support as a third party verifier to the following clients. Activities included: preparation of sampling plans and COI/NOVS, conducting site visits, detailed review of GHG data and management systems, inspection of flow meters, CEMS and other measurement systems, creation of issue logs, interviewing personnel, reviewing calculations and data, and preparation of verification report/opinion.

Under California’s Global Warming Solutions Act of 2007 (AB 32):

Facility Name	Sector
Union Tribune San Diego	GSC/Cogen
Johnson and Johnson, San Diego	Other/Cogen
PG&E – Delevan	GSC
PG&E – Gateway	Electricity Generation
PG&E – Hinkley	GSC/Electricity Generation
PG&E – Humboldt	Electricity Generation
Southern California Gas – Blythe	GSC
Southern California Gas – Aliso Canyon	GSC
Southern California Gas – Honor Rancho	GSC
Southern California Gas – Newberry Springs	GSC
Southern California Gas – South Needles	GSC
NV Energy – Tracy	Electricity Generation
NV Energy – North Valmy	Electricity Generation
NV Energy – Churchill	Electricity Generation
Sierra Pacific Power Company	Multi-Jurisdictional Retail Provider
Pacificorp – Hunter	Electricity Generation
Pacificorp – Huntington	Electricity Generation
Pacificorp – Dave Johnston	Electricity Generation
Pacificorp – Jim Bridger	Electricity Generation
Pacificorp – Carbon	Electricity Generation
Pacificorp - Wyodak	Electricity Generation
Pacificorp – Naughton	Electricity Generation

Under The Climate Registry (TCR):

- Shell Refinery in Deer Park, TX
- Shell Refinery in Martinez, CA
- NV Energy - Reid Gardner Power Plant in Las Vegas, NV
- NV Energy - Higgins Power Plant in Las Vegas, NV
- NV Energy – Silverhawk Power Plant in Las Vegas, NV

Under the Climate Action Reserve:

- Qualcomm

Under Executive Order 13514:

For the Department of the Interior, Dr. Schwerdtfeger QA'd data from nine bureaus and wrote portions of the GHG Inventory Management Plan which addressed the fugitive GHG emissions for:

- Bureau of Indian Affairs
- Bureau of Land Management
- Bureau of Ocean Energy Management, Regulation and Enforcement
- US Fish & Wildlife Service
- National Business Center
- National Park Service
- Office of Surface Mining, Reclamation and Enforcement
- Bureau of Reclamation
- US Geological Survey