



High Winds Wind Project, Rio Vista, CA



CRS

center for
resource
solutions

2013 Green-e Verification Report

This Annual Verification Report highlights the results of the annual verification process audit for Green-e® participants in Green-e Climate, Green-e Energy, and Green-e Marketplace. Green-e is North America's leading independent certification and verification program for renewable energy and greenhouse gas emission reductions in the voluntary market. To learn more, visit www.green-e.org.

Published December 2, 2014



Green-e

About Center for Resource Solutions

Center for Resource Solutions (CRS) creates policy and market solutions to advance sustainable energy and mitigate climate change. CRS is a U.S.-based nonprofit with global impact. We develop expert responses to energy and climate change challenges with the speed and effectiveness necessary to provide real-time solutions. Our leadership through collaboration and environmental innovation builds policies and consumer-protection mechanisms in renewable energy, greenhouse gas reductions, and energy efficiency that foster healthy and sustained growth in national and international markets.

About Green-e

For over 17 years CRS has developed and implemented consumer-protection standards for the voluntary renewable energy and carbon offset markets through the Green-e programs. These standards mandate a rigorous accountability for retail products sold to consumers, bringing a level of transparency that can bolster consumer confidence in the industry. Green-e has three programs.

Green-e Energy is North America's leading voluntary certification program for renewable energy. Since 1997, Green-e Energy has certified renewable energy that meets environmental and consumer protection standards developed in conjunction with leading environmental, energy, and policy organizations. Green-e Energy requires that sellers of certified renewable energy disclose clear and useful information to potential customers, allowing consumers to make informed choices. For more information, see www.green-e.org/energy.

Green-e Climate is the only global retail standard and certification program for carbon offsets sold in the voluntary market. This program provides oversight and transparency in the retail market for greenhouse gas (GHG) emission reductions (carbon offsets), from the project through to the end consumer. Green-e Climate certifies that carbon offsets contain real, verified reductions from high-quality and additional projects, and is the only independent program that verifies sales, correct delivery and exclusive retail ownership of reductions. Green-e Climate also reviews marketing materials for accuracy and requires clear disclosure of product information in order to prevent deception and allow offset buyers to make informed and impactful decisions. For more information, see www.green-e.org/climate.

Green-e Marketplace certifies companies and products across a range of industries, from beverages to paper manufacturers to electric vehicles, and offers a range of services to communicate and promote clean renewable energy and carbon offsets for their operations and activities. For more information, see www.green-e.org/marketplace.

CONTENTS

Summary	3
Green-e Energy	4
Green-e Climate	10
Green-e Marketplace	11

Summary

Since 1997, Center for Resource Solutions' Green-e program has focused its efforts on expanding markets for clean energy. Our belief is a democratic one—that individuals and businesses should be able to make the choice for clean power and drive renewable energy growth forward. Green-e is a family of certification programs that provides assurances to consumers that the product they purchase is making a difference, not double-counted, and what they are paying for. Participating companies undergo an annual verification audit; comply with Green-e's truth in advertising, environmental quality, and best practices requirements; and are granted the use of the Green-e certified logo on their products. The verification results for 2013 are presented here.

Green-e Energy

Green-e Energy certified retail sales of 33.5 million megawatt-hours (MWh) in 2013, enough to power over a quarter of U.S. households for a month. Green-e certified renewable sales in the U.S. have remained relatively steady over the past year, and Green-e currently certifies 1% of the total U.S. electricity mix. Over half of the installed wind capacity in the U.S. is participating in Green-e Energy certified transactions, and an increasing number of Canadian renewable energy facilities are supplying certified transactions as well. Compared to 2012, nearly 47,000 more retail customers purchased Green-e certified renewable energy in 2013, with almost 717,000 total retail customers, including 69,000 businesses.

Green-e Climate

As the first program of its kind, Green-e Climate is the only independent retail standard and third-party certification program for carbon offsets sold in the global voluntary carbon market. The program provides consumer-level protections and assurances to retail

purchasers, sellers, and offset project standards. The program strengthens the credibility of the voluntary carbon market in order to encourage its use by individuals and companies to reduce their greenhouse gas footprints and the costs of climate change mitigation. Green-e Climate complements offset project standards by providing oversight over retail sales and delivery of emissions reductions, and by preventing deception and double selling. While 2012 saw a peak attributed to unique sales events, the broader trend of certified offset sales from current Endorsed Programs is growth, 16.2% from 2011 to 2013.

Green-e Marketplace

For organizations of every size that are looking to make the most of their efforts to reduce their environmental impact, Green-e Marketplace certifies companies demonstrating environmental leadership, and partners with them to help communicate and verify their use of certified renewable energy and carbon offsets. In 2013, over 500 companies and products were certified by the program. Participation increased in Green-e re:print, a supply-chain program that certifies both printers and paper companies using renewable energy, allowing print customers the opportunity to use the Green-e certification mark when sourcing their printing through program participants.

Taken together, the Green-e programs provide vital, independent, third-party certification and verification services for the voluntary markets for renewable energy and carbon offsets. As more consumers and businesses choose clean energy, Green-e certification becomes more important than ever to ensure that their purchases help reduce greenhouse gases and drive new renewable energy development.

Compared to 2012, nearly 47,000 more retail customers purchased Green-e certified renewable energy in 2013, with almost 717,000 total retail customers, including 69,000 businesses.

Green-e Energy

Green-e Energy is the leading certification program for voluntary renewable energy products in North America. On behalf of consumers buying renewable energy products certified by Green-e Energy, the program requires that such products undergo an independent annual audit to demonstrate compliance with Green-e Energy's rigorous consumer-protection and environmental standards. Green-e Energy requires that sellers of certified renewable energy products provide full and accurate information to their customers, deliver the renewable energy they promise, and source from renewable energy generators that meet Green-e Energy's resource eligibility requirements, developed by stakeholders and the independent Green-e Governance Board over the past 17 years.

Green-e Energy certified renewable energy products are sold in three different types:

- **Green Pricing Programs.** Renewable electricity sold by electric utilities in regulated electricity markets, provided in addition to the renewable electricity included in standard electricity service
- **Competitive Renewable Electricity.** Similar to a green pricing program, but sold by an electric service provider in a deregulated electricity market
- **Renewable Energy Certificates (RECs).** A REC represents the non-electricity, renewable attributes of one MWh of renewable electricity generation, including all the environmental attributes, and is a tradable commodity that can be sold separately from the underlying electricity, allowing for

a larger and more efficient national market for renewable energy.

As the public's awareness of the impacts of pollution arising from electricity generation, energy security issues, and sustainable economic development rises, the demand for renewable energy has increased greatly, as the following pages will show. In fact, voluntary certified renewable energy sales in the U.S. have increased an average of 17% each year since 2009. When Green-e Energy began in 1997, it was the first certification program of its kind, and it has remained the most respected renewable energy certification program in North America.

Figure 1

Green-e Energy Certified Retail Sales by Product Type, 1998–2013 (MWh)

In 2013, Green-e Energy certified retail sales totaled 33,503,000 MWh, a decrease of 7% compared to 2012. REC sales comprised the majority of certified sales. Reasons for the decline in certified REC sales include that companies made purchases in 2012 that covered portions of 2013, as well as that some larger companies shifted their energy strategy to include more on-site renewable installations, energy efficiency, or direct power purchase agreements with renewable energy facilities or utilities. Overall certified sales through green pricing programs offered by regulated utilities grew by 5% compared to 2012. Certified competitive electricity sales decreased by 19%, mostly as a result of volatility in certain power markets which caused some sellers to cease operations.

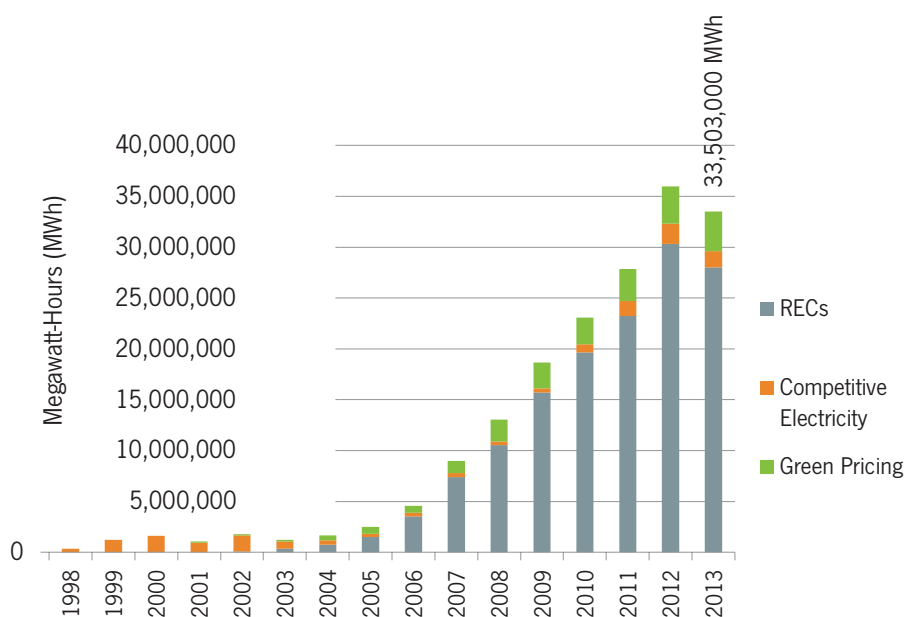
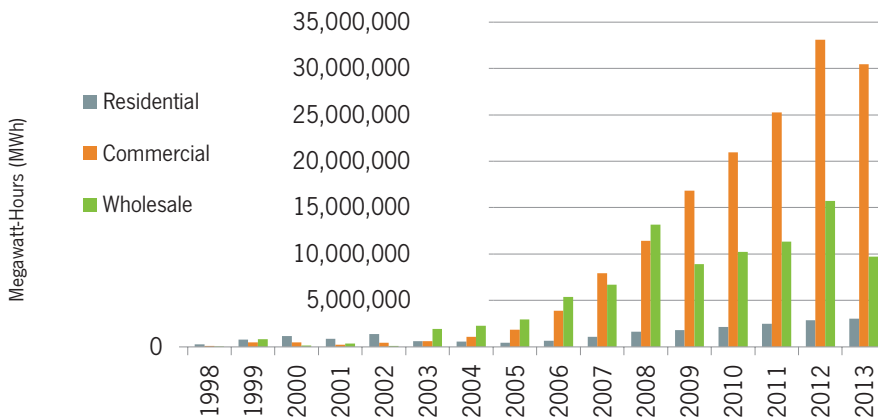


Figure 2

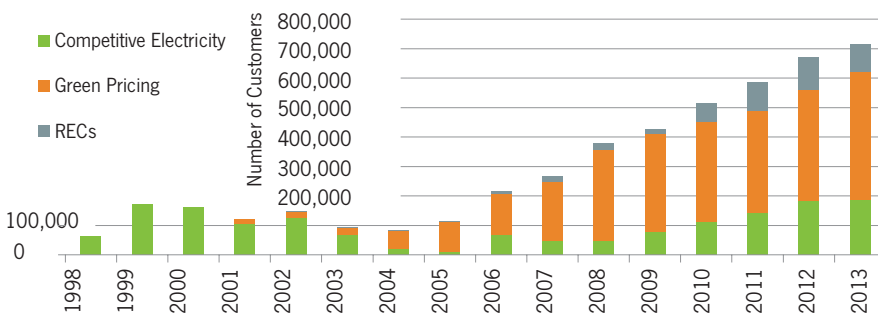
Green-e Energy Certified Sales by Customer Type, 1998–2013 (MWh)



Non-residential buyers once again accounted for the vast majority of certified MWh purchased, at over 30 million MWh, though these transactions decreased by 8% compared to 2012. There was also a decrease of 38% for certified wholesale transactions, which could be due to fewer total trades per REC. 2013 saw a 6% increase in certified residential sales volume, reaching over 3 million MWh. Although there are significantly more residential customers that purchase Green-e Energy certified renewable energy, they tend to purchase smaller amounts than non-residential customers.

Figure 3

Number of Retail Customers Purchasing Green-e Energy Certified Products by Type, 1998–2013



Overall, the number of customers purchasing certified products increased 7%. Of the 717,000 retail customers purchasing certified products in 2013, 434,000 customers (mostly residential) participated in a certified green pricing program—an increase of 15%. Competitive electricity program customers increased 3%, with residential participation growing in particular. Residential customers made up the majority of REC purchasers as well, despite more volume going to non-residential customers. Overall, the number of REC purchasers decreased by 13% in 2013 due to the decrease in residential REC purchasers, while the total number of non-residential REC purchasers increased. This increase of new non-residential REC customers was mostly attributable to small- and medium-sized businesses that are purchasing smaller quantities of certified RECs on average compared to previous years.

Figure 4

States With Green-e Energy Certified Renewable Electricity Options, 2013



Many customers throughout the U.S. have the option to purchase Green-e Energy certified renewable energy through their local utility or electric service provider. In 2013, certified, bundled renewable electricity options were available in 35 states. This geographic spread across the country means that electricity customers in many parts of the United States have the option to purchase certified renewable electricity.

RECs unbundled from electricity are available to buyers regardless of location. Businesses purchasing large MWh volumes tend to purchase unbundled RECs, often for multiple locations, while residential customers and businesses purchasing smaller volumes tend to purchase a bundled electricity product available through their utility or electric service provider.

Table 1 Total Green-e Energy Certified Sales of Renewable Energy by Product Type and Customer Type, 2013 (MWh, rounded)

	Retail Residential	Retail Commercial	Wholesale
RECs	396,000	27,614,000	9,707,000
Green Pricing	1,997,000	1,894,000	0
Competitive Electricity	651,000	951,000	0
Total Sales	3,044,000	30,459,000	9,707,000
Total Retail: 33,503,000 MWh			
Total Unique Certified: 38,825,000 MWh			
Total Certified Transactions: 43,210,000 MWh			

▲ **The total volume of all Green-e Energy certified transactions in 2013 reached over 43.2 million MWh.**

This total represents transactions of all types, including both certified retail sales to electricity end users looking to make a green power use claim, and wholesale sales to resellers of renewable MWh that did not claim the renewable electricity or RECs themselves. Green-e Energy certified wholesale transactions exceeded 9.7 million MWh in 2013. Of these certified wholesale

transactions, nearly 4.4 million MWh were resold in Green-e Energy certified retail transactions. The remaining 5.3 million MWh were sold in non-Green-e Energy certified transactions to utilities, electric service providers, power marketers, and other buyers, a drop from the 9.8 million MWh sold in non-certified transactions in 2012. This was one of the drivers in the drop in overall certified sales from 2012 to 2013—fewer utilities and marketers are using Green-e Energy certified wholesale sales for

purposes other than eventual end use in a Green-e Energy certified product. Removing the instances of renewable MWh certified by Green-e Energy at both the wholesale and retail levels, Green-e Energy certified sales of over 38.8 million unique MWh in 2013, a decrease of 15% from 2012. Despite the overall decrease, the number of customers buying increased 6% and sales of Green-e Energy certified products to residential customers also increased by 6% in 2013.

TABLE 2: TOP 10 STATES BY RETAIL SALES volume (MWh) in 2013

OREGON 11% TEXAS 10% CALIFORNIA 8% WASHINGTON 7%
 NEW YORK 7% ILLINOIS 6% WISCONSIN 5% MASSACHUSETTS 5%
 DISTRICT OF COLUMBIA 5% MARYLAND 5%

▲ **Top Ten States Purchasing Retail Green-e Energy Certified Renewable Energy by Percent of Total Certified Retail Sales (MWh), 2013.**

Green-e Energy collects data on the number of retail customers by state and the MWh of certified products provided to them. Many of the states listed in previous years continue to appear in the top 10 for renewable MWh sold to retail customers. Wisconsin and DC joined Oregon as newcomers to the top 10 in 2013, demonstrating growing interest in these states in renewable energy. 69% of Green-e Energy certified renewable MWh are delivered to customers located or headquartered in these top 10 states.

► **Retail customers buying Green-e Energy certified renewable energy are spread out throughout the U.S. and Canada.**

72% of retail customers are located in these top 10 states. Texas once again contained the most retail customers of certified renewable energy. The top 10 states with the highest number of customers of certified products remain similar to those from 2012, showing the value that the residents of these states place on purchasing renewable energy. There is a large degree of overlap between these two “Top Ten” lists. The key point of difference lies in the purchasing habits of retail customers. A state with a large number of residential customers may not also have large volumes of sales since residential customers tend to purchase smaller volumes.

Table 3 Percent of Total Retail Customers by State, 2013

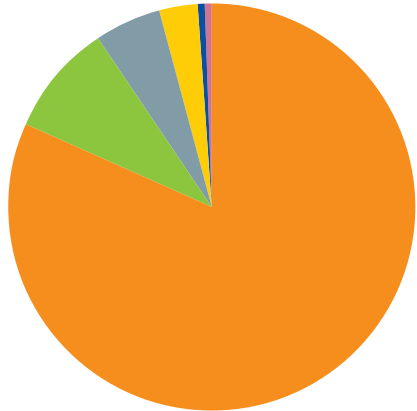
(Includes REC sales)

Texas	11%
California	11%
Washington	9%
Oregon	8%
Utah	6%
Michigan	6%
Colorado	6%
New York	5%
Minnesota	5%
Wisconsin	5%

▼ **The U.S. has great potential for many different types of renewable resources.** In 2013, the U.S. voluntary market had a diverse, but once again wind-dominated, resource mix. Output from over half of the installed wind facilities in the U.S. is sold in Green-e Energy certified transactions, based on total capacity.¹ Wind facilities continue to grow as a proportion of the total supply from last year. Following in the trend from 2012, output from non-gaseous biomass facilities decreased as a percentage of the total mix for 2013. Solar and geothermal facilities, on the other hand, both saw growth in total Green-e certified output in 2013, with increases from 2012 MWh volumes of 40% and 244% respectively.

Figure 5
Contributions of Renewable Resource
Types to Total Green-e Energy
Certified Retail Sales, 2013

- Wind (81%)
- Non-Gaseous Biomass (9%)²
- Low-Impact Hydro (5%)
- Gaseous Biomass (3%)
- Solar (0.6%)
- Geothermal (0.5%)



▼ **Just over three-quarters of the renewable energy certified by Green-e Energy was sourced from 10 states and provinces in North America.** This is primarily related to the high wind content in many certified products, and the high rate of potential for (and installation of) wind facilities in the Midwest. While there is a notable increase from 2012 in the percent of supply sourced from Texas, the most noteworthy development is the addition of two Canadian provinces to the top 10 list: Saskatchewan and British Columbia. This exemplifies the growing integration of renewable energy markets and the ability of the market to capitalize on the availability of renewable energy resources across North America. The difference between states and provinces with generators versus purchasers of renewable energy demonstrates how the market for renewable energy certificates is allowing customers with limited access to local renewable energy products to support changes in the U.S. and Canadian generation portfolios.



CE Turbo Geothermal Facility, Calipatria, CA

Table 4 Top Ten States and Provinces
Supplying Renewable Energy to
Green-e Energy Certified Retail Sales
by Percent of Total Certified MWh,
2013

Texas	24%
Oklahoma	16%
Iowa	10%
Kansas	7%
Nebraska	4%
Idaho	4%
British Columbia	4%
Missouri	3%
Florida	3%
Saskatchewan	2%

1. Based on total U.S. wind power capacity installed in 2013 according to AWEA's 2013 U.S. Wind Industry Annual Market Report. Available at www.awea.org/AnnualMarketReport.aspx?ItemNumber=6305.

2. Gaseous Biomass includes landfill gas, wastewater methane, digester gas, biogas, and other biogenic gases. Non-gaseous Biomass includes wood waste, sawmill waste, black liquor, agricultural waste, biodiesel, fuel crops, and other resources as described in the Green-e Energy National Standard, available at www.green-e.org/energystandard.

▼ **Based on the most recently available National Renewable Energy Laboratory (NREL) data, Green-e Energy certified sales are estimated to make up 89% of all retail REC sales in the U.S.**³ Non-residential customers purchasing large volumes of RECs continue to make up the majority of the overall voluntary renewable energy

market on a MWh basis, but this portion of the market contracted slightly after over 30% growth in 2012. The number of non-residential customers continued to increase by 10% despite the decline in overall MWh sold. The number of residential customers purchasing RECs makes up a small portion of the market. After a sharp rise in the number of RECs

purchased by residential customers in the past few years, the number of residential customers decreased, yet MWh volumes purchased by residential customers actually increased in 2013. The average residential customer is now purchasing around 6 MWh of RECs, an increase of 2 MWh over 2012.

Table 5 Green-e Energy Certified Sales of Renewable Energy Certificates by Customer Type, 2013

	2013 Sales (MWh, rounded)	MWh: Percent Change From 2012	Percent of Total Retail REC Sales	Customers	Customers: Percent Change from 2012	Average Purchase Size (MWh)
Residential	396,000	3%	1.4%	71,000	-19%	6
Non-Residential	27,614,000	-8%	98.6%	24,000	10%	1,200
Total Retail	28,010,000	-8%	100.0%	95,000	-14%	
Wholesale	9,707,000	-38%		84	-35%	115,560

▼ **Many customers can purchase a bundled renewable electricity product, known as a utility green pricing program, from their local electric utility.** Utility programs in Green-e Energy consistently rank high in the National Renewable Energy Laboratory's Top Ten rankings in terms of customer participation rate, total number of subscribers, and total MWh sold. In 2013, these programs continued the growth shown in 2012, and there are now more Green-e Energy certified MWh sold through green pricing programs than ever before. Although the overall number of non-residential customers declined in 2013 over 2012, the number of residential customers significantly grew, and MWh volumes purchased increased 5%.

Table 6 Green-e Energy Certified Sales in Green Pricing Programs by Customer Type, 2013

	2013 Sales (MWh, rounded)	MWh: Percent Change From 2012	Percent of Total Green Pricing Sales	Customers	Customers: Percent Change from 2012	Average Purchase Size (MWh)
Residential	1,997,000	4%	51%	421,000	15%	5
Non-Residential	1,894,000	7%	49%	12,000	-3%	158
Total	3,891,000	5%	100%	433,000	13%	

▼ **In states where the electricity market is deregulated, customers have the option to choose their electric service provider (ESP).** Sales of certified competitive electricity products have increased for residential customers and decreased for non-residential customers. In 2013, residential consumers in deregulated markets purchased 13% more Green-e Energy certified MWh than in 2012, a testament to the strong growth seen overall in deregulated markets since 2009.

Table 7 Green-e Energy Certified Sales of Electricity by Electric Service Providers by Customer Type, 2013

	2013 Renewable Sales (MWh, rounded)	MWh: Percent Change From 2012	Percent of Total Competitive Electricity Retail Sales	Customers	Customers: Percent Change from 2012	Average Purchase Size (MWh)
Residential	651,000	13%	40.6%	155,000	17%	4
Non-Residential	951,000	-32%	59.4%	34,000	-34%	28
Total Retail	1,602,000	-19%	100%	189,000	3%	

3. Based on preliminary figures from the National Renewable Energy Laboratory (NREL).

280 companies participated in Green-e Energy in 2013 including **63** sellers offering **71** Green-e Energy certified REC products, **197** utility green pricing program participants* offering **30** certified green pricing programs, and **20** competitive electricity suppliers offering **29** certified renewable electricity programs.

3Degrees
3 Phases Renewables
AEP Energy, Inc.
Alameda Municipal Power
Alliant Energy
Ambit Energy Holdings, LLC
Ameren Missouri
Apple Inc.
Arizona Public Service (APS)
Atlantic Energy Group
Austin Energy
BGC Environmental Brokerage Services, L.P.
Bonneville Environmental Foundation (BEF)
Carbon Solutions Group (CSG)
Cascade Renewable Energy
Cincinnati Bell Energy
Cirro Group, Inc.
City of Palo Alto Utilities
Community Energy, Inc.
Community Green Energy, LLC
ConEdison Solutions
Constellation Electric dba BGE Home
Constellation NewEnergy
Consumers Energy Company
Direct Energy
Dominion Virginia Power
DTE Energy
Duke Energy
EDF Trading
Element Markets, LLC
Energy Plus Holdings LLC
Ethical Electric
FirstEnergy Solutions Corp.
Georgia Power
Glacial Energy V.I.
Good Energy
Greenlight Energy

Green Mountain Energy Company
Green Power EMC
Hess Corporation
Iberdrola Renewables, LLC
ICAP Energy LLC
Indianapolis Power & Light Company (AES)
Integrus Energy Services, Inc.
J.P. Morgan Ventures Energy Corporation
Just Energy
Kansas City Power and Light (KCP&L) Greater Missouri Operations
LG&E and KU Energy
Liberty Power
Luminant Energy Company, LLC
MCE Clean Energy
McKinney LFG, LLC
MidAmerican Energy Company
NativeEnergy
New York Power Authority (NYPA)
Nexant Clean Energy Markets
NextEra Energy Resources, LLC
Noble Americas Energy Solutions LLC
North American Power and Gas, LLC (NA Power)
Northern Indiana Public Service Company (NIPSCO)
NRG Business Solutions
NSTAR Electric Company
NYC Clean Energy
OneEnergy Renewables
PacifiCorp
Pepco Energy Services
Platte River Power Authority (PRPA)
Powerex Corp
Public Service Company of Oklahoma (PSO AEP)
Puget Sound Energy (PSE)
Reliant Energy Retail Services
Renewable Choice Energy

Sacramento Municipal Utility District (SMUD)
Salt River Project (SRP)
Santee Cooper
Seattle City Light
Silicon Valley Power (SVP) - City of Santa Clara
South Jersey Energy Company (SJE)
Sterling Planet, Inc.
Stream Energy
Suez Energy Resources NA, Inc.
Tennessee Valley Authority (TVA)
TerraPass
The Energy Co-op
The Offset Project
TransAlta
TransCanada Power Marketing Ltd.
TXU Energy
Viking Wind Partners, LLC
Viridian Energy, Inc.
Wabash Valley Power Association
Washington Gas Energy Services (WGES)
We Energies
WPPI Energy
Xcel Energy

Green-e Program Governance

Green-e Energy and Green-e Climate are governed by the independent Green-e Governance Board. CRS serves as the program administrator. The Board ensures that the program's standards and policies are appropriate and necessary to meet its stated goals and objectives. The Board regularly reviews the program's standards in consultation with stakeholders and amends them as necessary so that they remain consistent with changing circumstances and evolve with market conditions.

* Retail distributors not listed

Green-e Climate

As the only global retail standard for carbon offsets sold in the voluntary market, Green-e Climate provides critical protections and assurances to retail buyers, sellers, and project standards in the market.

In 2013, there was a decrease in sales of Green-e certified carbon offsets largely due to the expiration of the Protocol for Renewable Energy, an offset project standard for U.S. renewable energy that was used by many sellers of Green-e

certified offsets and that sunsetted at the end of 2012. Without the Protocol for Renewable Energy, many sellers saw certified sales decrease as they shifted to independent offset project standards or left the market. There was also a unique increase in certified sales in 2012 that was not repeated in 2013 (see Figure 7 below).

Though the total volume of certified offsets sold fell in 2013 to 104,912 metric tons carbon-dioxide-equivalent

(tCO₂e), this represents growth of over 16% of sales sourcing from current Endorsed Programs from 2011.

In 2013, Green-e certified sales of GHG emissions reductions from eight different projects, all located in the United States, including coal mine methane capture (58% of supply in 2013), landfill gas methane capture (39% of 2013 supply), and wind renewable energy (3% of 2013 supply) projects (see Figure 6 below). In 2013, projects used to supply Green-e certified carbon offsets had to be registered with one of five endorsed project standards—the American Carbon Registry (which was added as an eligible project standard in June 2013), the Clean Development Mechanism, the Climate Action Reserve, the Gold Standard, or the Verified Carbon Standard. The Verified Carbon Standard represented 85% of total supply used in 2013 and the Climate Action Reserve represented the remaining 15%.

Nearly 100% of certified sales in 2013 were to commercial buyers, in either one-time or multi-year, over-the-counter transactions. Buyers were located either in the U.S. or Canada, with the vast majority located in the U.S. The largest number of buyers were located in New York in 2013, followed by Massachusetts and Ohio. New York was also the state with the largest amount of carbon offsets purchased, nearly 55,000 tons.

Figure 6

Project Types Used in Green-e Climate Certified Offsets, 2013

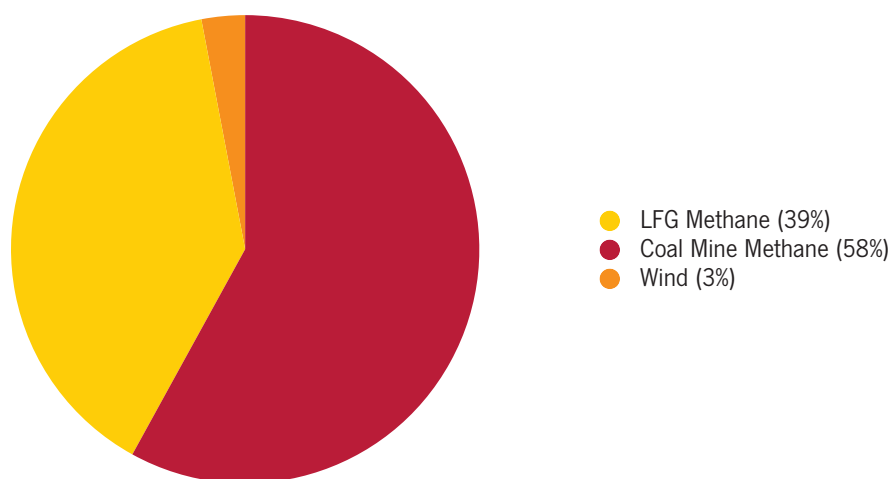
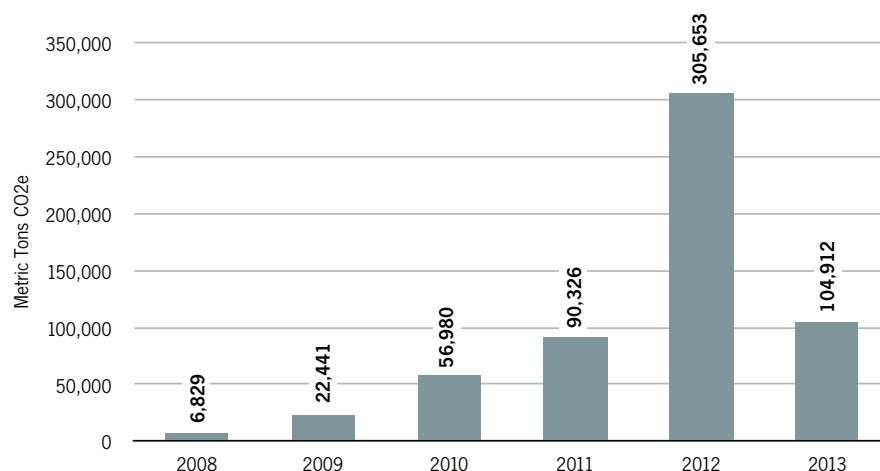


Figure 7

Green-e Climate Certified Sales, 2008–2013 (current Endorsed Programs only)



Note: Figure 7 shows Green-e Climate Certified Sales excluding historical sales from the Protocol for Renewable Energy.

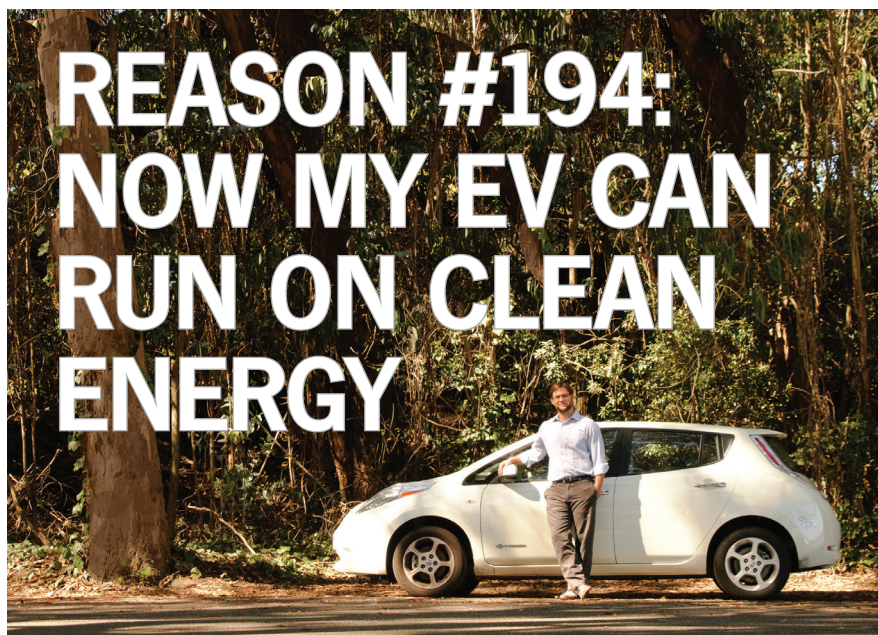
Green-e Marketplace

Green-e Marketplace recognizes organizations using renewable energy or carbon offsets and enables them to demonstrate their environmental commitment through the use of the nationally recognized Green-e logo. Throughout the year, Green-e Marketplace directed much of its focus to continued expansion of the Green-e re:print initiative (www.green-e.org/reprint), a supply chain program that certifies both printers and paper companies using renewable energy. 2013 demonstrated the continued growth of users of the re:print program, with recognizable names such as The North Face sourcing print materials through the program. Overall, the total number of Green-e Marketplace companies participating in 2013 dropped to 38 from 47 the previous year. However, many of the existing program participants expanded their use of the Green-e mark by choosing to certify additional products. At the end of 2013, there were over 500 products and companies certified by Green-e Marketplace. ●

► **Toast to Renewables.** Jackson Family Wines purchases Green-e Energy Certified renewable energy certificates to offset 100% of the electricity used for its entire operations.



◄ **Green-e re:print for paper and printers.** Green-e Marketplace administers the re:print program, a supply-chain certification that grants logo use on finished print collateral that uses 100% renewable energy in both the printing and paper.



◄ **Green EVs.** Green-e Marketplace continued to promote the use of renewable energy in electric vehicles.



Center for Resource Solutions creates policy and market solutions to advance sustainable energy.

Visit us at www.resource-solutions.org