

March 7, 2016

Dear Electric Vehicle Stakeholder:

Enclosed is the third annual report on NRG Energy's (NRG) investment in California electric vehicle (EV) charging infrastructure in accordance with the 2012 settlement agreement (the Agreement) between the California Public Utilities Commission (CPUC) and NRG. The report has three principal goals: first, to communicate the successes and challenges of implementing our historic agreement with the state; second, to demonstrate the lessons learned in our EV charging business that others can incorporate into their efforts to expand EV charging in California; and third, to provide insights into the state of the EV charging business in California as we have learned many lessons about EV charging site design, property relationships, permitting, and more that are conveyed in the pages that follow.

California continues to lead the nation's emergent EV industry with consistent and visionary public policy. The state's bold policies were extended in 2015 under the leadership of Governor Brown and the legislature with the adoption of SB350. It finds and declares that "reducing emissions of greenhouse gases to 40% below 1990 levels by 2030 and to 80% below 1990 levels by 2050 will require widespread transportation electrification," and directs state investments toward that goal, alongside energy efficiency and increased renewable energy generation.

Automakers continue to announce new vehicle models to meet the requirements of the Zero Emission Vehicle mandate and soon California can expect new EV models with longer range and better affordability. NRG is co-investing to match new infrastructure development for these new vehicles. Publicly available "Freedom Stations" now comprise the backbone of a California EV fast charging network that supports every model of EV on the road. The state has more fast chargers than anywhere in the U.S. and the Combo fast chargers built under the settlement agreement represent the largest network of its kind in the world.

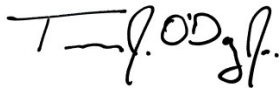
In addition, NRG has embarked on a high-speed charging demonstration that will increase charging standards and demonstrate hardware up to 150kW per charger – roughly three times faster than current charging standards. This increased power is necessary to meet the needs of vehicle batteries, which are doubling and tripling in power density. Due to increased power requirements of charging stations, NRG is also developing micro-grid EV charging, which incorporates solar and batteries to reduce grid impacts. Two new programs are also improving vehicle-to-grid integration and commercializing school bus electrification with deployments in low-income school districts. These investments work together to reach a broader set of communities with the transformative technologies in transportation electrification. This means increasing access and exposure, but also directly investing in job training to prepare our workforce.

Last year, NRG more than doubled its pace in deploying Level 2 (208V/240V) electrical infrastructure upgrades for EV charging, called "make-readies", at multifamily buildings and workplaces, in large part as a result of a new education and outreach effort called Take Charge! which was aimed at property managers and renters, resulting in new interest in the program. And just last week, CPUC and NRG received approval from FERC for an amendment to the settlement agreement that NRG anticipates will allow faster deployment by expanding the scope of the program and adding additional markets.

At the end of 2016, NRG will have accomplished three key objectives: first, all 200 Freedom Stations will be operational or have the site secured; second, demonstration programs for high-speed charging will establish a platform for all automakers to deploy next generation EVs in California; and third, thousands of new workplaces and rental communities will have EV charging through multiple industry providers. These commitments undergird the state's promise to bring the benefits of transportation electrification to everyone in the state.

The EV industry has reached a critical moment. Led by California policy and investment, it has become unstoppable. It is my personal pleasure to have a role in achieving this milestone.

Sincerely,

A handwritten signature in black ink, appearing to read "Terry O'Day". The signature is fluid and cursive, with the first name "Terry" and last name "O'Day" clearly distinguishable.

Terry O'Day  
Vice President  
NRG EVgo

# 2015 ANNUAL REPORT

Settlement Year 3 Progress Report to  
California Public Utilities Commission

## **Electric Vehicle Charging Station Project**

### **PUBLIC, NON-CONFIDENTIAL VERSION**

*For the period December 6, 2014 through December 5, 2015 (the Reporting Period) Submitted March 7, 2016 by NRG EV Services LLC on behalf of the Dynege Parties<sup>1</sup>*

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<sup>1</sup> Capitalized terms not otherwise defined herein shall have the meaning ascribed to such terms in the Long-Term Contract Settlement Agreement (the “Agreement”).

## EXECUTIVE SUMMARY

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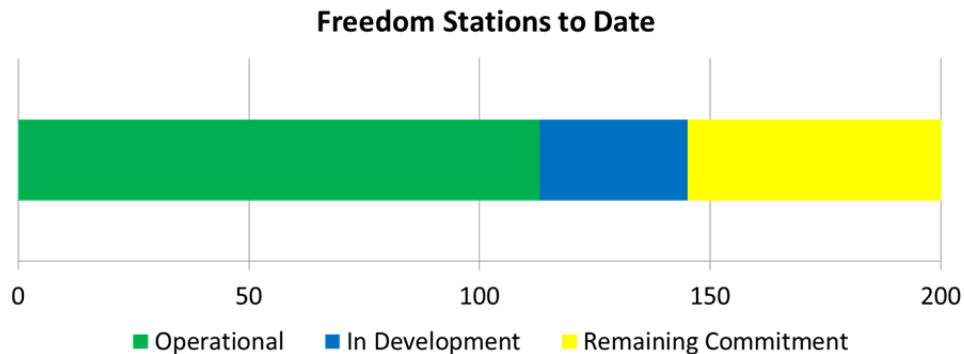
In 2012, the settlement agreement between CPUC and NRG heralded the commitment of a state and a major corporation to dedicate investment for the fledgling EV industry. The commitments laid forth in the settlement began December 5, 2012. Three years into the Agreement, this report characterizes progress, discusses challenges, expounds on lessons and describes how the EV charging infrastructure is being utilized.

At more than \$100 million in capital and operating commitments, the 2012 Agreement was historic in scale. At the time few fast charging stations, which can charge a car in less than 30 minutes, had even been installed in the United States. Now three years later, almost 700 fast chargers operate statewide.

This report summarizes progress and key findings in the past year to enable a broad market for EVs and EV charging to take hold. The vision for the Agreement was a comprehensive network of intra-urban fast charging stations and reliable charging at home and work for 10,000 California drivers. The lessons learned in reaching this stage can inform the later stages of the Agreement and other proposed investments in EV charging.

### Public EV Charging Stations

As of December 5, 2015 (the Reporting Date), NRG EV Services LLC (NRG) had a total of 126 Freedom Station sites either constructed or under development, toward a commitment of at least 200 by end of 2016. 105 such sites were operational for California drivers, each with multiple chargers supporting CHAdeMO and SAE Combo charging standards and accessible with credit card swipe readers. This is the largest universal fast charging network in the United States and stations are in each region of the state. In fact, for the new SAE Combo charging technology, which supports American and European vehicles, it is the largest in the world. Over 20% of stations built and under construction are in qualified underserved communities. See [Appendix A](#) for a network map showing qualifying Settlement sites.

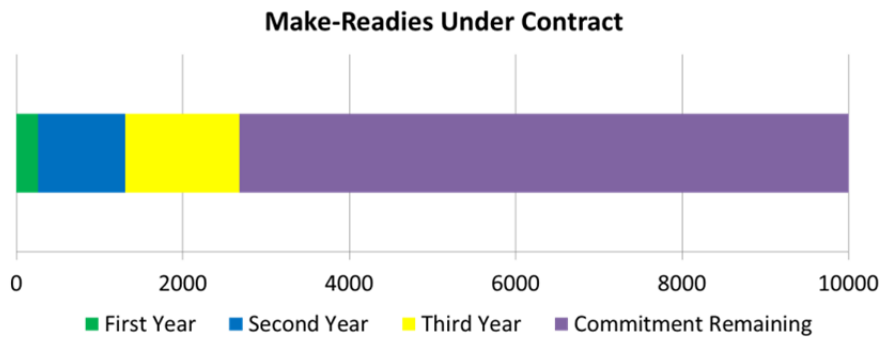


Utilization of the public charging network continues to astound, growing at an average rate of 10% per month (Figure 2). Normalized for growth in the number of Freedom Stations, utilization increased from 6.5 average daily sessions per location in December 2014 to 10.7 average daily sessions per location in December 2015. Furthermore, drivers in a study of 13 Bay Area Freedom

Stations that have both DC fast chargers and Level 2 chargers chose DC fast charging by 12:1 over Level 2 chargers.

Make-Readies for Multifamily and Workplaces

NRG had a total of 260 Make-Readies Sites under contract representing 2,190 Make-Ready Stubs, of which 171 Sites and 1,332 Stubs were operational as of the Reporting Date. Due to an aggressive new marketing program designed in consultation with CPUC staff called *Take Charge!*, during the past year NRG more than doubled all previous years' contracted and installed sites combined. Notably, almost 17% of reported stubs exist in communities with deed-restricted affordable housing units. Despite this significant effort and improvement from past years, market immaturity, previous limitations in the design of the Agreement, and proposed investments by California utilities have made it unlikely that NRG will achieve the installed commitment for Make-Readies on schedule.



In February, 2016, FERC approved the first amendment to the settlement agreement, which is described in detail in this report. The amendment is expected to improve implementation speed in 2016 by removing certain restrictions and increasing industry participation.

NRG is committed to inclusiveness and in the Reporting Period achieved diversity supply spending of 25% (excluding costs for EV chargers and switchgear). Partners in each part of the state are contributing to the infrastructure. They are corporations and family businesses, some that are just starting out and some that have worked on EVs for more than two decades.

NRG and CPUC reached agreement in 2015 on projects to fully allocate the funding for the Technology Demonstration Program. Three projects comprise the program, the Stationary Storage Plus Electric Charging, EV Storage Accelerator, and Extreme DC Charging Station Demonstration. Additionally, \$2.7 million of funding has been allocated to an electric school bus demonstration and job training program, leaving a balance of \$1.3 million in the EV Opportunity Access Fund category.

To date, NRG Energy has spent or committed over \$39 million toward achieving the commitments in the Agreement, a down payment on a new industry for California.

## INSTALLATION OF PUBLIC EV CHARGING STATIONS (FREEDOM STATIONS)

### *Commitment*

The largest commitment in the Agreement requires NRG to spend \$50.5 million on installing at least 200 public, fast charging stations (called Freedom Stations). The key features of each station are at least one, but in most cases two fast chargers at 50kW each, and a level 2 charger that charges at roughly 10% that speed. At least 20 percent of stations must be placed in neighborhoods (PUMAs) falling into the lowest third of income distribution for that region. The sites support the two main types of fast charging technology known at the time the Agreement was reached to serve every vehicle-type on the road.

The Freedom Station commitments are intended to establish a deliberately planned, well-distributed network of stations that covers each region to provide EV drivers with range confidence. The Agreement anticipates fully-funded capital costs and an operating commitment by NRG in order to overcome the inherently inequitable, unplanned distribution that can come from requiring investment from local property owners.

### *Status and Assessment*

As of the December 5 Reporting Date, a total of 126 of the required 200 Freedom Station sites were either completed, under construction, or in permitting. [Appendix A](#) provides regional maps of Freedom Station sites in operation and in development at the time of this report. The maps show that the state's vision of broad network coverage in each region has now emerged, enabling drivers to travel throughout nearly every region in the Agreement, including lower-income communities.

The following table summarizes total public charging progress over Settlement Years 1, 2 and 3:

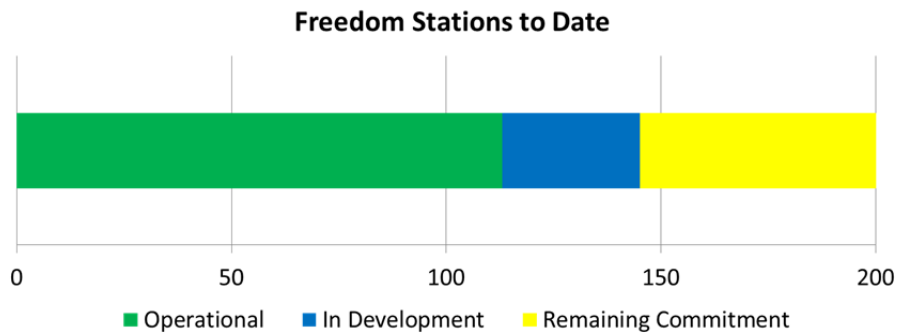
<i>DC Fast Charging Station Progress</i>	2013			2014				2015			
	Q1/ Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Sites with Permits Submitted		6	22	12	2	22	17	13	13	5	3
Sites with Permits Approved		6	3	6	2	8	17	15	10	15	7
Sites under Construction		2	5	11	9	6	16	15	9	15	11
Sites Completed	0	1	10	15	36	46	56	68	84	92	105
Completed Sites w/ SAE Combo						3	23	51	84	92	105
Completed Sites w/ working credit card readers							3	37	59	82	105
Completed sites with credit card readers and SAE combo							2	31	59	82	105
Cumulative Settlement Target			40				100				160

Freedom Station sites are required to be built in four regions of California. The chart below provides a current snapshot of regional distribution.

<b>As of 3/5/16 DC Fast Charging Construction Activity</b>	Permit Packages Ordered*	Permits Submitted	Permits Received	Construction Starts scheduled /commenced	Energized	Total	Settlement Target
LA Basin	4	3	5	6	49	67	110
San Diego	0	2	0	0	12	14	20
San Joaquin Valley	0	0	0	1	10	11	15
San Francisco	7	3	0	1	42	53	55
<b>Grand Total</b>	<b>11</b>	<b>8</b>	<b>5</b>	<b>8</b>	<b>113</b>	<b>145</b>	<b>200</b>

\* Permit Packages are the completed plans, designs, authorizations, easements, and other requirements for a submission to an authority having jurisdiction for land use permitting.

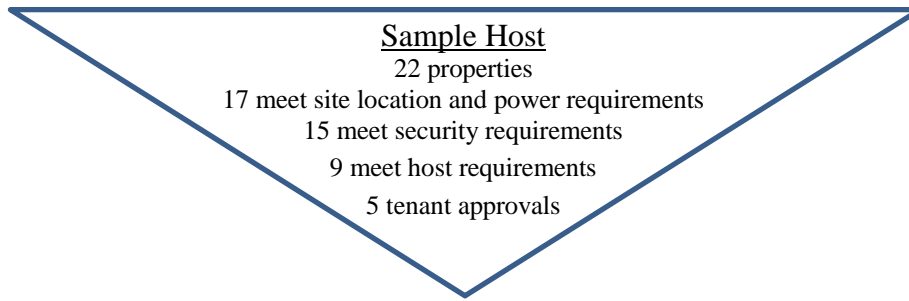
Based on the progress demonstrated in this chart through Year 3, NRG has confidence in meeting the minimum Freedom Station requirement of 200 Freedom Stations, with at least 160 operational by the end of 2016, and the balance under construction or permitting. The chart below summarizes that view. The sections that follow provide detail on the key factors in each step of public fast charging development with assessments related to each step and requirement, as relevant.



### *Site Acquisition and Permitting Details*

Development of the network begins with identifying a quality site for drivers and acquiring an agreement from the property owner and/or tenants to allow NRG to install the Freedom Station. The standards for Freedom Station site selection are high. The site must be on a major thoroughfare (typically less than half a mile from the freeway exit), have good visibility and lighting, and an excellent retail engagement so drivers have something to do while charging. Inherently, these standards reduce the universe of potential locations in order to create a high quality, open and accessible network for drivers. In contrast to past public programs without such standards, the network developed under the Agreement is expected to create higher utilization and increased demand for electric vehicles.

Achieving the necessary agreements for the property proved to be a significant early challenge. Both retailers and property owners (tenants and landlords) were sought for relationships. In almost all cases, agreement from both the landlord and one or more retail tenants was required. For example, developing Freedom Station sites for a selected sample portfolio of a major California retail property owner produced the following results:



In many locations, landlords or retailers have objected to EV charging stations onsite. Common objections include limited parking, inviting public to use the property, requests for rental payments that compensate for total loss of parking space (thousands of dollars per year), and line of site to the retail façade. Even when all parties are in agreement and working cooperatively, approvals typically require months of communications. A sample of property hosts with operational Freedom Stations is provided below.

A new challenge that emerged in Southern California in the last year is bankruptcies among retailers. Both Fresh and Easy and Haggen (and previously Albertsons) experienced bankruptcies that limited the rollout of EV charging for those partners. In the case of Fresh and Easy, a total of nine Freedom Stations are currently installed at stores that were vacated by Fresh and Easy. NRG is working with the landlords, who in each case are attempting to find a new retail lessee.

Sample Property Hosts for Freedom Stations	
<u>Retailers</u>	<u>Property Owners</u>
Walgreens	Brixmor
Fresh & Easy	Donahue Schriber
Gelson's	Hines
Raley's	Kimco
Save Mart/Lucky	Macerich
Whole Foods Market	Simon Property Group
	Weingarten

Permitting Freedom Station sites through local jurisdictions has not caused significant delays except in specific instances. In the cities of San Francisco, Los Angeles, and a few others, same-day permitting is sometimes available, representing the best-in-class for well-designed projects. Several cities, however, have taken on much more involved reviews, driven by local interpretations of EV charging in local zoning law, specific area planning requirements related to the neighborhood or district the site falls within; Americans with Disabilities Act (ADA) requirements, unfamiliarity with EV charging; or other special code requirements discussed below.

Certain Freedom Station sites have required many rounds of changes related to ADA, parking constraints, and suggestions by the city to alter original design. The City of San Clemente provided the biggest challenge, as the city directly dictated their preferred charging location onsite, which proved infeasible, and after multiple designs and more than one year, the permit was issued. In rare instances, cities have required discretionary approvals and Conditional Use Permits (CUPs), which can add months to the approval process. The City of San Dimas actually required adoption of a zoning code amendment and then a CUP. The impact on timeline is described in detail below.



*San Dimas - 19 month permitting summary:*

- 7/24/2014 Permit package was pre-submitted for review. Waiting on planning department document approval.
- 1/22/2015 City was waiting on a check to formally submit.
- 2/3/2015 Called City on status of project. Consolidate all information.
- 2/4/2015 I spoke to Luis Torrico with planning and he requested we submit for Municipal Code Amendment. 4-6 month process and a \$3,000 Fee. Once approved we can submit for a C.U.P. for a \$1,092. Fee plus \$265 for each notified property owner within a 200' radius.
- I started working with Luis Torrico to initiate and complete the package for the Municipal Code Amendment submittal.
- 4/8/2015 Brixmor was requesting additional zoning changes for other uses which included the EV Station. Brixmor and the senior planner were taking care of the amendment to the zoning code AND THE \$3,000 fee was part of that process.
- 4/16/2015 Brixmor was approved to proceed tentative meeting scheduled for May and City Council meeting set for June.
- 5/26/2015 Planning Commission recommended approval to the City Council. Next meeting is set for June 9<sup>th</sup> with City Council.
- 6/8/2015 Update: MCTA-Municipal Code Test Amendment 15-02 to go in front of City Council for 1<sup>st</sup> reading on 6/9/2015 if approved, 2<sup>nd</sup> reading will be on 6/23/2015 and will become effective after 30 days.
- 7/1/2015 1<sup>st</sup> reading approved and 2<sup>nd</sup> reading Approved on 6/23 effective on 7/23/2015. C.U.P. can be submitted at this time.
- DPRB-Development Plan Review Board is scheduled for August 28<sup>th</sup>, 2015
- 7/27/2015 Paid required fees to proceed with DPRB/CUP
- 8/25/2015 Planning had Path of Travel concerns.
- 10/8/2015 Relocation of EV station was approved. Luis Torrico said we can proceed to complete DPRB/CUP process. Scheduled to submit on 10/21/2015.
- 10/21/2015 Luis Torrico requested additional A.D.A. revisions.
- 12/2/2015 All drawings where updated to reflect additional Planning comments.
- 12/21/2015 Reached out to Eric Beilstein with Building and Safety to review his concerns.
- 1/4/2016 Eric Beilstein with Building and Safety approved to proceed.
- 1/28/2016 Scheduled DPRB meeting. This was approved. Next submit to planning Commission for approval, scheduled for 2/18/2016
- 2/18/2016 Planning Commission approved the C.U.P. 20 day appeal period in effect. Once appeal period is complete we will submit to Building and Safety for permits.

The most significant, regularly encountered permitting challenge is designing a site to accommodate Americans with Disabilities Act (ADA) accessibility. All Freedom Station sites are designed to meet the highest achievable standard for ADA accessibility, given site constraints. However, meeting full ADA requirements can be difficult in certain locations and it often takes multiple design iterations to get the city, property owner, property manager, and station operator to agree to a site design that meets all parties' stringent requirements.

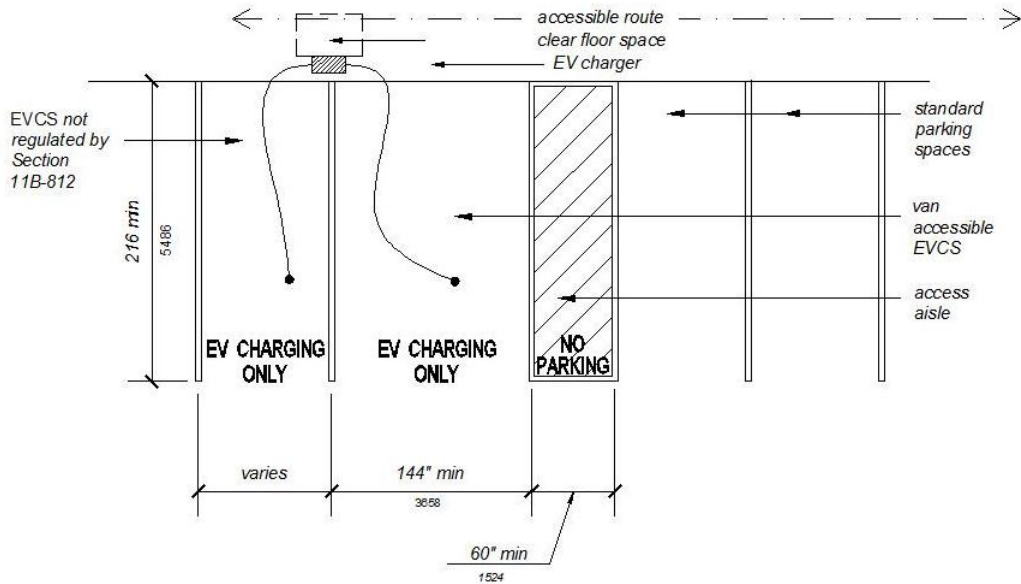
Periodically, permits have been difficult or impossible to obtain as ADA requirements could not be harmonized with the other parties' needs. These conflicting needs can add months to a project, but despite these challenges, NRG's experience over the past two years shows that thoughtful placement and design can achieve ADA-accessibility.

New standards adopted in 2016 by the Division of State Architect (DSA) clear up some of the previous ambiguity and jurisdiction-level differences in ADA design. The standards provide for a very high level of accessibility and as a result do not address the concern that property owners will not install chargers due to the possibility of losing a space. It may aid cities or counties with permitting timelines and adjustments by providing an external standard.

The new standards are available on DSA's [California Access Compliance Reference Materials](#) web page, and some summary information is below.

Total Number of EVCS at a Facility <sup>1</sup>	Minimum Number (by type) of EVCS Required to Comply with Section 11B-812 <sup>1</sup>		
	Van Accessible	Standard Accessible	Ambulatory
1 to 4	1	0	0
4 to 25	1	1	0
26 to 50	1	1	1
51 to 75	1	2	2
76 to 100	1	3	3
101 and over	1, plus 1 for each 300, or fraction thereof, over 100	3, plus 1 for each 60, or fraction thereof, over 100	3, plus 1 for each 50, or fraction thereof, over 100

The image below describes the typical compliance configuration, which results in a net loss of one space for the retailer, but in cases where a head-in charger location is not practical, this new standard results in the loss of two spaces.



In addition, new stringency on Path of Travel requirements will further constrain the number of viable public EV charging sites. In particular, fast charging sites are not considered the end-point of use on a property, and a path of travel must be provided to other onsite amenities. If any of that path of travel is not currently in compliance with ADA, then those other elements must be brought into compliance. The exceptions to this requirement must be explicitly provided by the jurisdiction with findings of hardship. In short, the DSA guidelines make it more expensive to comply with ADA and limit the number of locations that could be viable for EV charging retrofits.

### *Construction and Commissioning Details*

During the Reporting Period from December 6, 2014 – December 5, 2015, NRG completed construction at 49 additional Freedom Station sites, for a total of 105 Freedom Stations. The details of these installations are set forth in Appendix B.

Utility interconnection challenges vary by utility.

### PG&E

EVgo continued to experience a wide range in Freedom Station utility service wait times across different sites in PG&E territory in 2015.

For example, PG&E application approval and utility services were completed expeditiously at the San Mateo Transit Center Freedom Station in the summer of 2015. The utility service application was approved by PG&E on June 5, 2015, four days after it was submitted. Utility service was completed within one month and the station was energized on July 13, 2015.

Conversely, EVgo submitted a utility service application to PG&E for the Lucky Fremont Freedom Station in April 2015 and received application approval and contract from the utility three months later. PG&E did not complete utility service at this location for five additional months. As a result, the station was not energized until December 2, 2015.

EVgo has been told that typically estimating requires five weeks for PG&E customers. EVgo will continue to work with PG&E to improve utility service wait time. NRG and PG&E have regular calls to review site status.

### SCE

Throughout 2015, EVgo waited approximately 6 to 8 weeks for SCE utility connection after Freedom Station construction was complete. SCE and EVgo are in communication regarding the utility's EV service request process and are working together to identify gaps and streamline tasks. As detailed in an email on February 26, 2015, SCE recently implemented the following process for EV service request assignments going forward: As soon as all application documents are submitted to SCE, a request is sent to the Regional Hub for assignment to a Regional Service Planner, with a 48-hour turnaround requirement. Once the Service Planner is assigned, they are briefed on the permit and job site and asked to provide a design completion time estimate.

EVgo will continue to communicate and collaborate with SCE to improve utility service times.

### SDG&E

SDG&E had the most efficient EV service request process of the three California IOUs in 2015. For example, EVgo received a utility service work order for the Fenton Marketplace Freedom Station on November 25, 2014 with a utility service construction start date of Dec 1, 2014. The station was energized on January 27, 2015.

### *Low-Income Public Use Microdata Areas "PUMA" Details*

In each geographical region, NRG is required to install 20 percent of the 200 Freedom Stations in Public Use Microdata Areas (PUMAs) where the median income is in the lowest 1/3 of all PUMAs in such a region.

Twenty-two of the 105 completed Freedom Stations (21%) are located in qualified low-income PUMA regions, with 9 in the San Francisco Bay Area, 8 in the LA Basin, and 3 in San Diego County, and 2 in the San Joaquin Valley.

The qualified stations meet the same service and siting standards as every other Freedom Station and are enjoying similar utilization rates.

### *SAE Combo Rollout Status*

NRG now includes at least one SAE combo standard (CCS) charger at each new Freedom Station, as required by the Agreement. Work began in early 2015 to also retrofit all Freedom Station sites built prior to CCS availability. During the year, NRG upgraded every Freedom Station with SAE combo standard.

### *Credit Card Payment Upgrades Rollout Status*

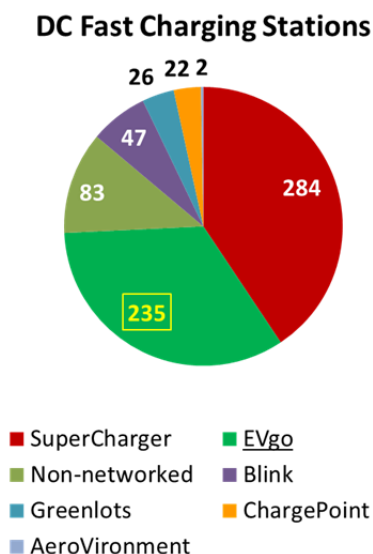
#### **Credit card swipe payment systems are now installed at all stations.**

There is no off-the-shelf credit card reader equipment available for a Freedom Station that would control each of the types of equipment and communicate via a secured network with appropriate fraud protection. As a result, identification, integration, quality assurance, and security testing has

taken substantial effort as difficulties were identified and resolved. Freedom Station sites currently have chargers manufactured by ABB, Nissan, BTC Power, Chargepoint, and LiteOn. Integrating equipment with each of these hardware vendors, plus the range of voltages for 480V, 208V, and 110V communications was difficult.

### *Summary of Fast Charging Stations in California*

NRG's significant efforts described in this report to meet the obligations of the settlement agreement are just part of the story of NRG EVgo's commitment to building a robust EV charging industry in California. The company has invested and operates additional stations to support hosts and public partners. All told as of late October, EVgo manages roughly 35 percent of publicly available fast chargers in California, second only to Tesla, which operates a proprietary network.



In addition, during the reporting period, NRG worked with Chargepoint, EV Connect, Volta, ABM, Clean Fuel Connection, and others to form the EV Charging Association (EVCA). The Electric Vehicle Charging Association is a not-for-profit organization that brings together leaders in the electric vehicle charging industry to educate policymakers, stakeholders and members of the public about the critical role of EV technology, infrastructure and services and to advocate for policies that will expand clean transportation. EVCA released its first report in October 2015 on the state of the EV charging industry, which can be found here:

[http://www.evassociation.org/uploads/5/8/0/5/58052251/evca\\_case\\_study\\_10.23.15\\_final.pdf](http://www.evassociation.org/uploads/5/8/0/5/58052251/evca_case_study_10.23.15_final.pdf)

## INSTALLATION OF MAKE READY STUBS AND MAKE READY ARRAYS

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### *Commitment*

The second largest commitment in the Agreement, at \$40 million, is to install Level 2 (208V/240V) EV charging infrastructure upgrades for multi-family communities and workplaces. The Agreement requires at least 10,000 parking spaces in at least 1,000 properties to be built. Called a “make-ready,” the infrastructure includes power (30A) delivered to each parking space with a universal “stub” that can support any type of charging station (EVSE), but does not include the EVSE itself, which would be funded by the rental community, workplace or driver. Outreach to mixed-income communities and installation in public interest locations is required.

The Agreement intended to penetrate a barrier to EV deployment in rental communities and increase accessibility of EV charging by installing charging infrastructure ahead of demand. More than half of the residents in most mid-to-large cities in California live in multifamily housing, so for electric vehicle sales to reach scale, these residents will need a reliable charging solution at home or work. The Agreement envisioned a reliable charging solution to be a dedicated one; in other words, a single driver for each charger. Multifamily residents also tend to be younger or older than the average and less wealthy, thus the commitment implicitly expands access to a broader driver demographic.

### *Settlement Amendment*

On October 27, 2015, the Dynegy Parties and the CPUC entered into a First Amendment to the Settlement Agreement (“Amendment”) to make certain modifications to the Make-Readies program with the goal of expediting the deployment of Make-Ready Stubs. The key changes are:

- Elimination of the dedicated "one subscriber per Make-Ready Stub" charging model, which has been a major obstacle to deployment, especially at workplace and public interest locations. This change allows NRG to potentially offer services where one charger serves multiple drivers.
- Previously, for an 18-month period after installation of the Make-Ready Stubs, NRG had the exclusive right to provide charging services at those Make-Ready Stubs. Under the Amendment, NRG no longer has such exclusive rights; instead, during such 18-month period a property host may terminate NRG service by providing 30 days’ notice.
- NRG may not seek co-contributions from Multi-Family or Public Interest hosts on installation costs of the Make-Ready Stubs unless the costs exceed \$3,000 per Stub. No such limitation applies to Workplace sites.
- The definition of a “Public Interest Site” has been expanded to mean a non-profit hospital or any governmental entity (including schools, colleges, universities, hospitals, parks, fairgrounds, museums, and parking facilities).
- NRG may utilize up to 5% of the Make-Readies Amount (a total of \$2MM) for construction costs where a host has requested the use of its own contractor and provides appropriate supporting documentation. These expenditures are not subject to the RFO process outlined in the Settlement.

The Amendment was filed with FERC after execution and became effective on February 24, 2016.

The amendment will allow NRG to partner with other EV service providers to more rapidly deploy the Make-Ready stubs. Already multiple partners have begun to work with NRG on deployment and marketing. An additional change to the business model necessitated by the amendment is the elimination of financed chargers from NRG's offerings, due to the elimination of the exclusive period for payback of the financed chargers. On balance, the amendment should enable faster deployment and EVgo is organizing now to get results from this change.

#### *Status and Assessment*

At the Reporting Date, NRG had 2,190 Make-Ready Stubs under contract. Of these, 1,332 Make-Ready Stubs have been installed at 171 sites, as set forth in Appendix C. As of the date of this report, NRG now has 1,556 operational stubs and 2,676 under contract.

The following table summarizes progress over Settlement Years 1, 2 and 3, and to date:

<i>Make-Readies Progress</i>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>3/5/16</b>
Stubs Completed	56	585	1,332	1,556
Total Stubs Under Contract	258	1,052	2,190	2,676
Cumulative Settlement Target	1,000	4,000	7,000	

The Agreement contains distribution requirements for Make-Readies in terms of site types (multi-family housing, workplace, and public interest) as well as geography, with additional discretion to meet market demands. The snapshot of the distribution of Make-Ready Stubs is provided in the table below.

As of 12/5/15	Total Stubs (Under Contract & Installed)				Installed			
	Work Place	Multi Family	Public Interest	Total	Work Place	Multi Family	Public Interest	Total
SCE	343	214	16	573	259	147	6	412
SDG&E	189	440	0	629	44	317	0	361
PG&E	188	618	182	988	200	319	40	559
Total	720	1,272	198	2,190	503	783	46	1,332

The pace of Make Ready deployment has been a consistent challenge in the agreement. The results reported here demonstrate that 75% into the agreement term (3 of 4 years), total stubs under contract are at just 25% of the obligation. As previously reported, market maturity and program constraints, most notably the dedicated one-charger-to-one-car constraint slowed results. The February 26, 2016 settlement amendment reported above corrects the significant program constraint of dedicated charging, and NRG anticipates new agreements and partnerships as a result. To combat market immaturity, NRG invested heavily in education and outreach via Take Charge!. Due to the increased market development work, during the Reporting Period, NRG doubled Make-Readies stubs under contract and completed sites almost tripled. NRG projects continued growth in the deployment pace through 2016.

Even with increased efforts, based on the evidence to date, NRG does not anticipate meeting the

Make-Readies construction commitment by the end of the Agreement. The settlement amendment simply became effective too late to enable completion of the full obligation in 2016.

An additional challenge arose in late 2015 as a result of California utility investment approvals. Multiple multifamily portfolio property owners have turned away from discussions for Make-Readies, citing utility programs as the principal reason. The chilling effect of these programs, even while pending, appears to be a serious new challenge added to those already reported to date. Details of those conversations have been provided separately.

### *Site Acquisition Details*

As previously reported, NRG invests in six principal outreach channels in each of the regions and market segments to identify properties and open discussions.

1. Direct sales  
The most significant channel is a team of direct sales professionals dedicated to marketing and designing solutions for Make-Ready prospects in California.
2. Marketing events  
In 2014, the sales team sponsored and attended a broad range of events including Biz Now, Institute for Real Estate Management, Drive the Dream, AltCar, AltExpo, multiple employer ride-drives, community colleges conferences, and multifamily housing conferences.
3. Auto Dealerships  
NRG has established relationships with more than 100 auto dealerships in California marketing electric cars. The dealers are familiar with the make-ready offering so that drivers who inquire about purchasing an EV are directed toward the make-ready offering.
4. Press activity  
Earned media can be the most effective way to reach an audience for cost and reach.
5. Internet marketing  
Website, email campaigns, and social media have all been activated to promote the message.
6. Case studies  
NRG has commissioned case studies of completed sites in workplace and multifamily and distributed the case studies to California Plug-In EV Collaborative, chambers of commerce, apartment associations and other related channels.

The single most successful outreach strategy has been identifying an EV driver (or would-be EV driver) who lives and works at a property and is willing to become a project champion with the local management. In those cases, the property owner perceives a more prescient demand push. As a result, NRG developed and implemented the *Take Charge!* program in 2015. The program targeted key local markets with high EV demand and high rental housing density to generate champions who can convince workplaces and multifamily properties to install charging.



## Take Charge! Summary

The *Take Charge!* program was developed and implemented with Fenton Communications, which is a specialist in social marketing programs. The program identified the property manager of residential and workplace facilities as the key decision makers to target. A combination of digital advertising and outreach, direct mail to property owners, activation events, and media outreach was used to reach managers and prospective EV drivers and convince them to install free EV charging infrastructure.

Over 20 million impressions were achieved through the program and 112 letters of intent were reached with property managers.

### Outreach Results

Total Paid Impressions (paid social + paid media): 12,218,542

Total Media Impressions: 7,925,040

Total Impressions (earned media + paid total): 20,143,582

### *Communications Tools*

The campaign team created a miniature website, or “microsite,” to communicate with prospects. The microsite was optimized for mobile phones and enabled a renter or property manager to register their address and interest in charging. Program staff could then communicate directly with the prospect to assess properties and make offers. As an incentive to encourage sign ups, NRG partnered with Nissan to offer a raffle of a Nissan LEAF lease. Every address entered provided the prospect with a chance to win the LEAF.

### Microsite: Mobile First



### *Direct Mail and Phone to Property Managers*

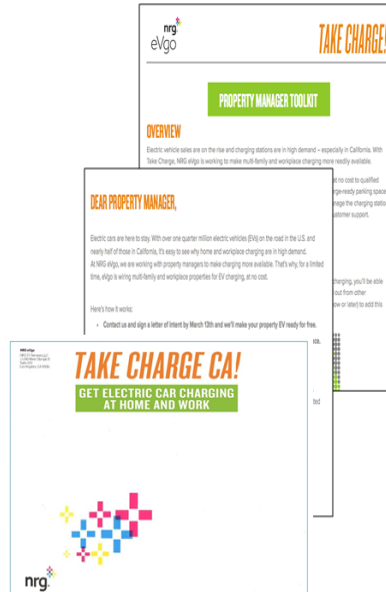
NRG Make Ready direct sales staff conducted outreach calls and mailed the outreach packages pictured below to almost 2,000 residential rental properties throughout the state.

**Hotlist**  
 Source: REV sales team  
 Mailing: 130-150  
 Contents:

- Cover Letter
- Program Overview
- Portable Charger

**MUD Prospects**  
 Source : CoStar  
 Mailing : 1850+  
 Contents:

- Cover Letter
- Program Overview



*Outreach Events*

Major community events were held in the following cities. Each city was identified and ranked based on EV ownership rates in the area and number of large multi-family properties where renters might need charging.

- Fremont
- San Jose
- Mountain View
- San Francisco
- Los Angeles
- Long Beach
- Huntington Beach
- Ventura County
- San Diego

NRG partnered with Kia Motors, which provided three Kia Soul EVs for the events. The cars were outfitted with an eye-catching design and public art was commissioned to further attract renters to the event. A trained event staff interacted with participants and described program benefits and electric vehicles in general. Some event images and overall contact metrics are provided below.

**Estimated event footprint impressions: 105,700**

- San Francisco, Ferry Building Farmers Market
- San Francisco, Outside Lands Music Festival
- Fremont, Warm Springs
- San Jose, San Pedro Square Market
- Mountain View, Spring Family Parade
- Ventura, Ventura County Fair
- Long Beach, Love Long Beach Festival
- Huntington Beach, Surf City Nights Street Fair
- Los Angeles, LA Beer Week
- San Diego, Little Italy Mercato
- San Diego, Aquatera Kilowhaaat Poolside Solar Soiree



*Paid Media*

Paid media generated 7,346,461 impressions and 23,914 clicks. It was rolled out in two phases. First, consumer-facing display ads in national and local outlets:

- National: Fast Company, Huffington Post, Mashable, Pandora
- Local: San Jose Mercury News, LA Times, Mountain View Voice

Second, outreach to property managers and apartment owners through industry associations.

Examples:

- California Apartment Association
- Apartment Association of Greater LA
- East Bay Rental Housing Association
- San Diego County Apartment Association
- Apartment Owners Association

Weather: San Jose, CA Now: 55° High: 73° Low: 57° 5-Day Forecast

San Jose Mercury News

Newsletters | Digital Access 99¢ | Customer Care

Search [ ] Go

Autos | Real Estate | Jobs

News ▾ Sports ▾ Business ▾ Entertainment ▾ Lifestyle ▾ Opinion ▾ My Town ▾ Tech ▾ Marketplace ▾ Tools ▾

HOT TOPICS: UC tuition debate Robert Durst arrested Tahoe adapts to drought Speed Freak Killers Starving sea lion pups Ferguson cop shooting

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FROM THE ARGUS Citywise: Mavor

Play Ball!

Get charging at home and work Click here >

Michelle Obama Reveals What She Won't Miss About Being First Lady Entertainment Tonight

**GET ELECTRIC CAR CHARGING FOR YOUR BUILDING TODAY, FOR FREE.**

1,500 California apartments have already requested electric car charging.  
**WHAT ARE YOU WAITING FOR?**

For a limited time, you can get electric vehicle charging at your apartment building at no cost to you.

Visit [takechargeca.com/AOA](http://takechargeca.com/AOA) or call us at 1-844-247-4648 to learn more about NRG EVgo's Take Charge program.

nrge **EVgo TAKE CHARGE!**

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**EBRHA**  
EAST BAY RENTAL HOUSING ASSOCIATION

Dear Members-

We want to alert you to an exciting opportunity for EBRHA members: For a limited time, NRG EVgo is wiring multifamily and workplace properties for electric vehicle charging, at no cost to building owners.

Electric cars are here to stay. There are now more than a quarter-million electric vehicles (EVs) on U.S. roads, and almost half of them are in the state of California. That's why we're working with property managers and owners like you to make charging easy, so everyone has a place to charge. Here's how it works:

- Visit [TakeChargeCA.com/EBRHA](http://TakeChargeCA.com/EBRHA) or give us a call at (844) 247-4648. Sign a letter of intent before the end of the year and we'll make your property EV-ready, for free.
- Each qualified property is eligible for wiring of up to ten parking spaces, free up to \$3,000 per space.
- Charging equipment, installation and services are free to host properties.
- The offer is open to buildings with 10+ units located in PG&E, SCE, or SDG&E utility areas.

To learn more visit [TakeChargeCA.com/EBRHA](http://TakeChargeCA.com/EBRHA) or give us a call at (844) 247-4648.

nrge **EVgo TAKE CHARGE!**

*Social Media*

Social media supported campaign events and earned media coverage, drove conversions on the microsite, and engaged with audiences throughout the length of the campaign. Kia supported campaign events by cross-promoting the campaign on their own social channels.

**Metrics:**

Total EVgo Take Charge paid social impressions: 4,872,081

Website clicks from paid social: 57,711



**Earned Media**

Estimated Impressions: 7,925,040

Stories/Mentions Secured: 20

Top Outlets:

- Charged: Electric Vehicles Magazine
- San Jose Mercury News
- ABC-7: KGO
- Silicon Valley Business Journal
- New York Times
- CleanTechnica



**Renters Hit Roadblock to  
Get Electric Charging  
Stations**

**The New York Times**

**Finding Easier Ways  
to Charge Electric  
Vehicles**

**SILICON VALLEY  
BUSINESS JOURNAL**

**EV Charging Stations Move  
Into Multifamily Housing**

*Master Agreements*

NRG has established master agreements with key partners, like Kaiser Permanente, Avalon Bay and the California Community Colleges Foundation. The agreements contemplate site-level decision-making that requires very extensive design, development and approval prior to installation. This process although tedious can produce results over a long development horizon. NRG anticipates results from these efforts throughout 2016.

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*Mixed-Income Multi-Family Housing Sites*

During the Reporting Period, NRG continued a direct outreach strategy for affordable housing communities. Initial feedback from those owners was not enthusiastic for retrofitted make-readies, even if fully subsidized, but the market is clearly maturing as indicated by rising interest. NRG continues to explore directly reach out to mixed income housing communities and welcome any and all leads to generate interest in these properties.

Still, the attention to affordability pays off. 37 contracted multi-family sites with make readies are reported to have deed-restricted affordable housing units on site. 369 stubs are represented at these properties. This represents 16.8% of the total stubs (369/2190) reported as of 12/5/15.

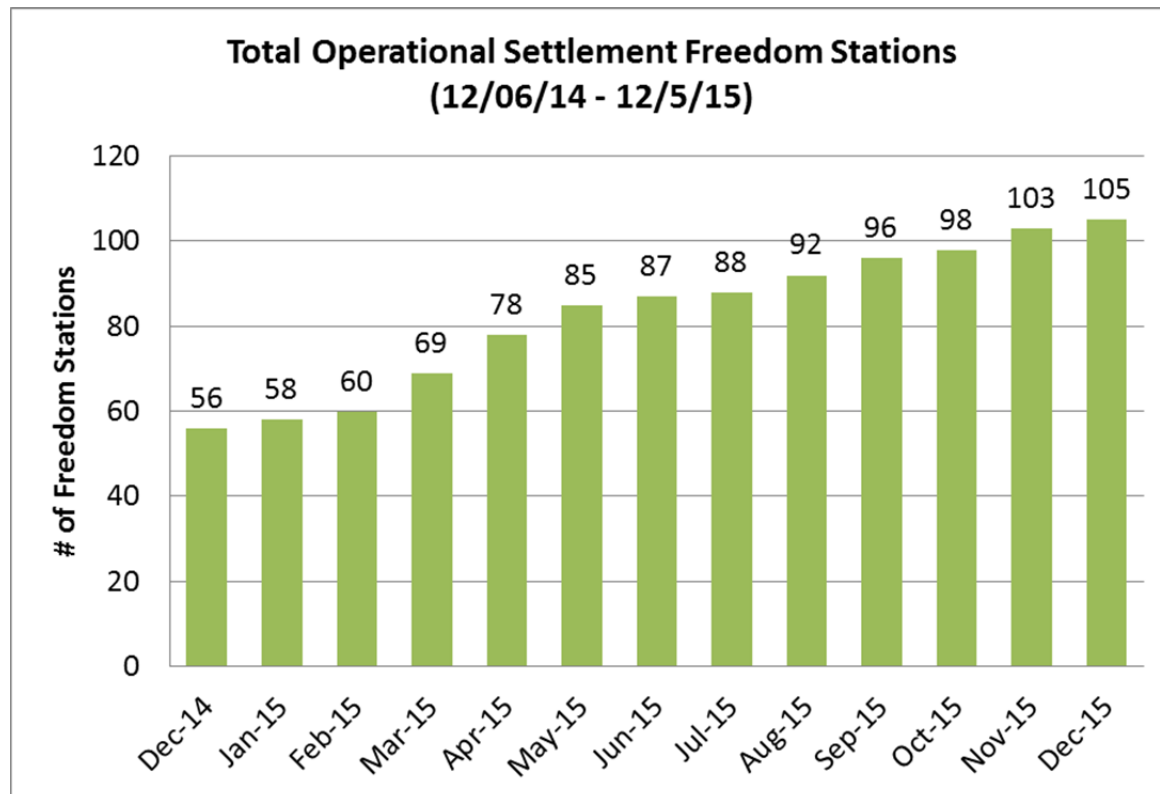
## SHARED STATISTICAL USAGE DATA

This analysis covers all DCFC charging sessions that occurred at California CPUC settlement Freedom Stations from December 6, 2014 through December 5, 2015.

High-level statistics of the charging activity from this time period are summarized in **Table 1** and **Figure 1**. Summary usage data for each charger is attached as [Appendix D-1](#). Raw data is separately provided to the CPUC in [Appendix D-2](#).

**Table 1** –2015 CPUC settlement Freedom Station DCFC statistics

2015 DCFC Charging Session Activity Summary	
Total Freedom Stations included in this analysis	103 <sup>2,3</sup>
Total charging sessions included in this analysis	244,263 <sup>4</sup>
Total electricity delivered in this analysis	2,555,290 kWh
Total charging session duration in this analysis	5,814,553 minutes
Average charging session duration	23.8 minutes / session
Average charging session electricity delivered	10.5 kWh / session



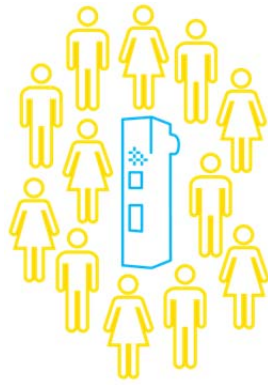
**Figure 1** Total number of operational CPUC settlement Freedom Stations through December 5 2015, by month.

Reviewing utilization of 13 Freedom Stations in the Bay Area that have both Level 2 chargers and DC fast chargers side-by-side in the same parking lot, drivers chose DC fast charging 12:1 over Level 2 charging.

<sup>2</sup> Salida Vine Fuels, operational in August 2015, is included in **Figure 1**. However, charging sessions from this location are excluded from the analysis due to data availability.

<sup>3</sup> San Francisco Premium Outlets, operational in December 2015, is included in **Figure 1**. However, charging sessions from this location did not begin until December 11, 2015.

<sup>4</sup> This excludes 3,203 CDMS session entries (1.3% of total), which were removed due to data anomalies.



12:1



EV Drivers prefer DC fast charging 12 : 1  
over Level 2 charging when given the choice  
*Study Period July – September 2015*

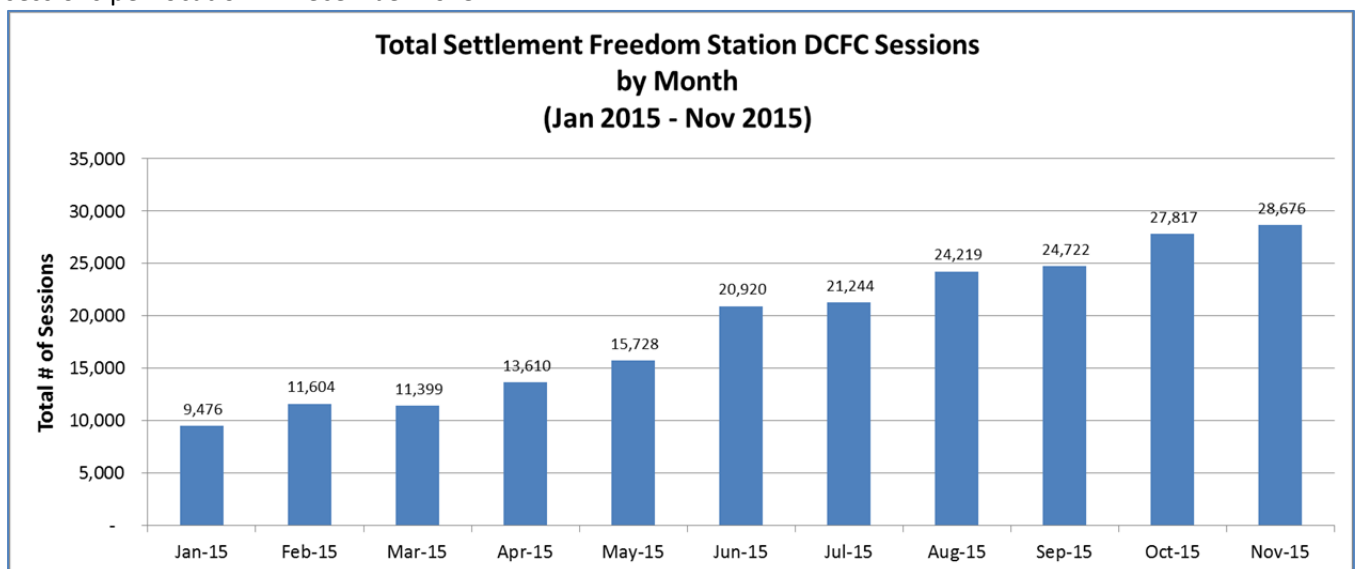
### Research Questions

1. How many charging sessions occur on EVgo’s network every day? What is the growth rate? . 20
2. How does charging station utilization vary throughout the week?..... 22
3. How does charging station utilization vary throughout the day?..... 22
4. How does charging station utilization vary geographically?..... 25

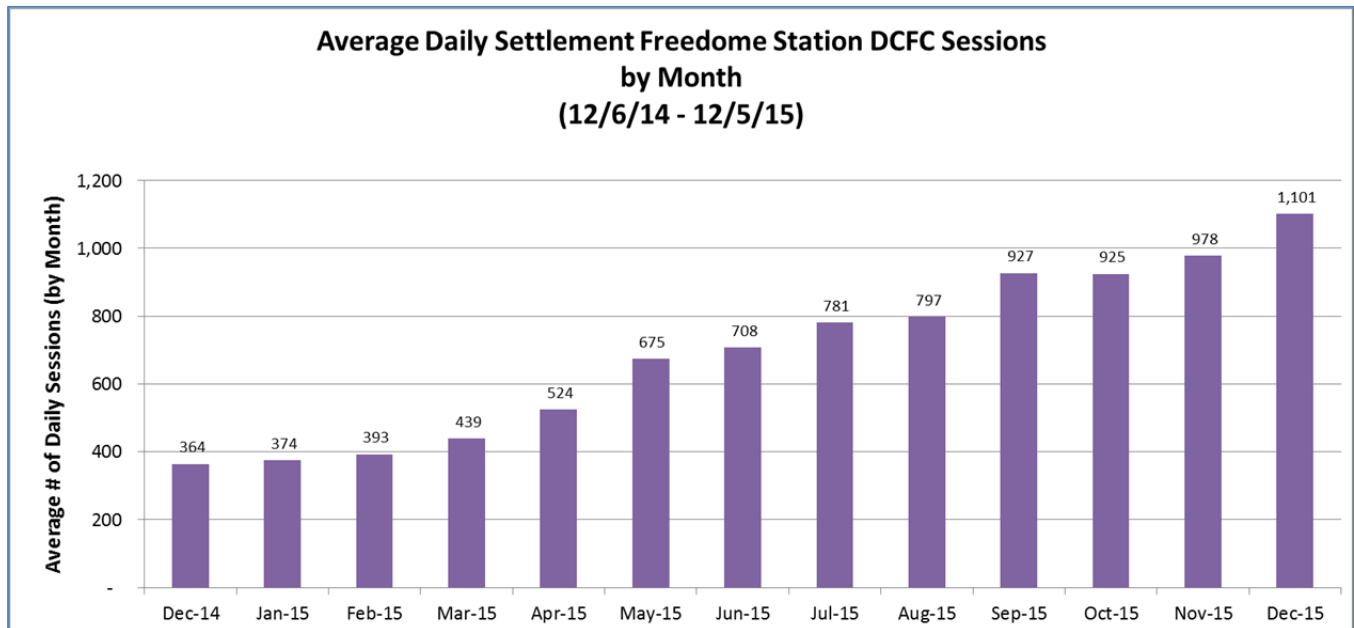
### 1. How many charging sessions occur every day? What is the growth rate?

Throughout the analysis period, the number of total DCFC charging sessions at EVgo’s CPUC settlement Freedom Stations grew at an average rate of 10% per month (**Figure 2**). The number of daily charging sessions across all locations tripled in 2015—increasing from 364 in December 2014 to 1,101 in December 2015 (**Figure 3**).

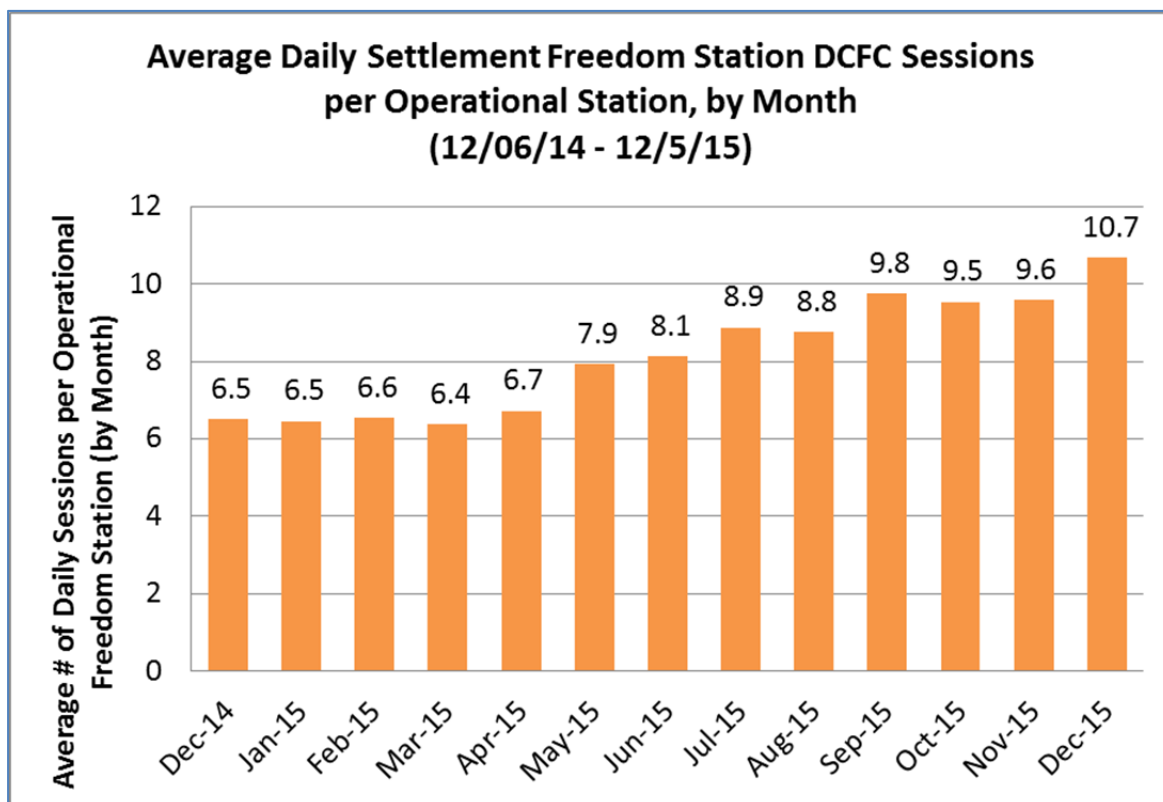
Growth in total charging sessions exceeded operational station growth, which averaged 5% every month during the analysis period (**Figure 1**). The normalized chart in **Figure 4** illustrates Freedom Station utilization growth, which increased from 6.5 daily sessions per location in December 2014 to 10.7 daily sessions per location in December 2015.



**Figure 2** – Total number of DCFC charging sessions, by month, across EVgo’s CPUC settlement Freedom Station locations during the 2015 analysis period. (Note: December 2014 and December 2015 are not shown due to partial monthly data.)



**Figure 3** – Average number of daily DCFC charging sessions, by month, across EVgo’s CPUC settlement Freedom Station locations during the 2015 analysis period.



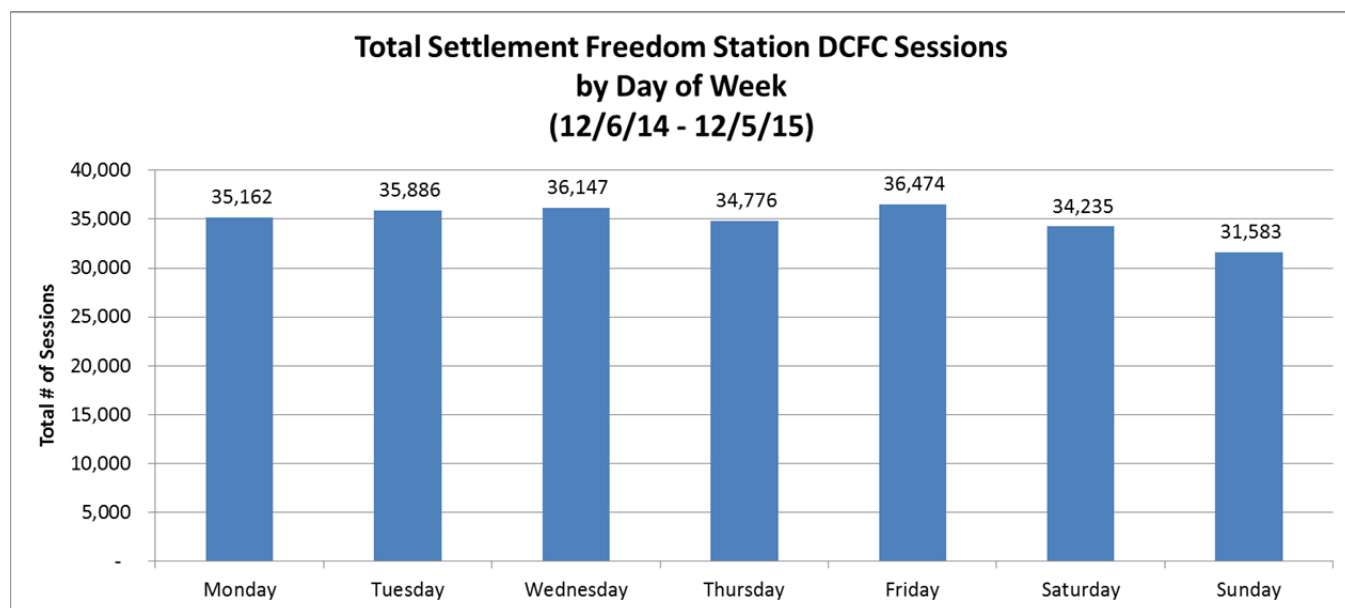
**Figure 4** – Average number of DCFC charging sessions per day per operational station, by month, across EVgo’s CPUC settlement Freedom Station locations during the 2015 analysis period.



## 2. How does charging station utilization vary throughout the week?

Of the 244,263 charging sessions included in this analysis, 73% occurred during the week and 27% occurred on the weekend. As shown in **Figure 5**, public station DCFC utilization is relatively uniform throughout the week. However, Saturday and Sunday are the least popular days to fuel up.

As new EV models with longer range enter the market, this analysis should be repeated. An increase in DCFC station utilization on weekends could indicate range anxiety abatement and an increase in road trips taken by EVs that require the use of public charging stations.



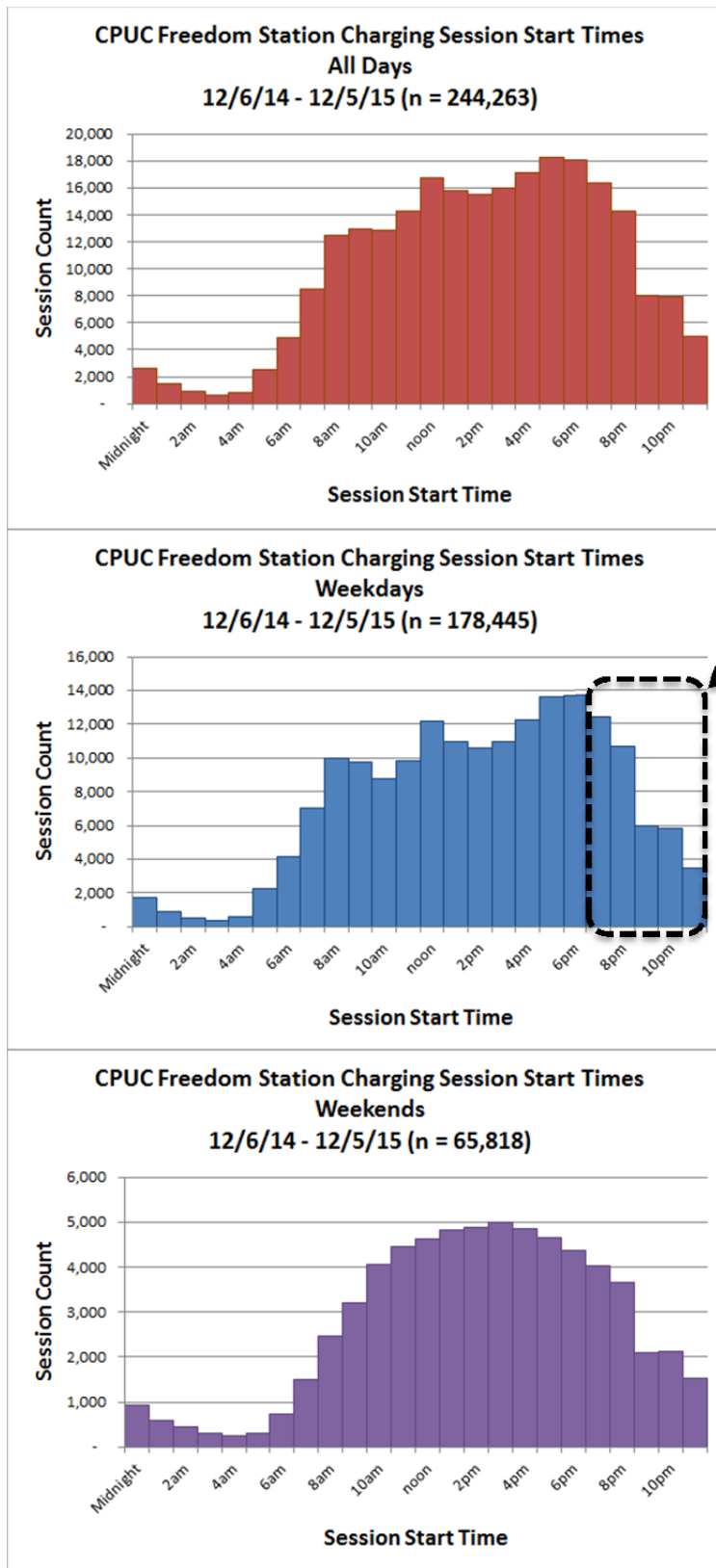
**Figure 5** – Total number of DCFC charging sessions, by day of week, across EVgo’s CPUC settlement Freedom Station locations during the 2015 analysis period.

## 3. How does charging station utilization vary throughout the day?

The most popular time for drivers to utilize EVgo’s DC fast-charging network is between 4 – 8pm on weekdays, as shown in **Figure 6**. This four-hour period, responsible for 29% of all weekday charging sessions in this analysis, coincides with the “neck” of CAISO’s infamous duck curve (**Figure 7**). The duck’s neck represents the most significant daily ramp of net electric load in California, forecasted out to 2020. This ramp is caused by the setting sun and subsequent reduction in solar energy, and is expected to require 13GW of fast-ramping power.<sup>5</sup>

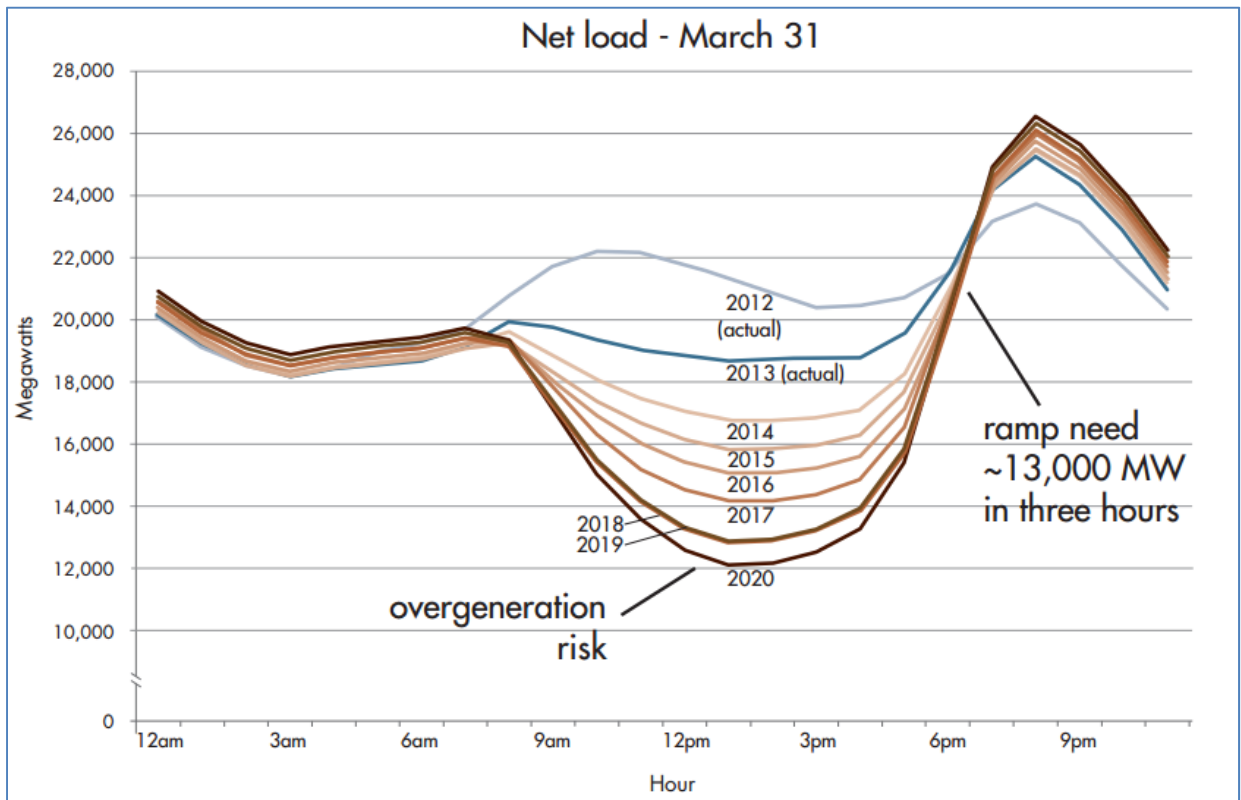
This finding highlights the important role stationary storage can play to mitigate the impact of EV fast-charging on the grid. EVgo continues to pursue stationary storage through efforts such as the Stationary Storage Plus Electric Charging (SSPEC) technology demonstration at the University of California, San Diego. The goals of this project include investigating the economic and technical viability of installing stationary batteries at EV charging stations, and identifying the best path forward for adding battery storage to EVgo’s nationwide network of Freedom Stations.

<sup>5</sup> "What the Duck Curve Tells Us about Managing a Green Grid." California Independent System Operator, Oct. 2013. Web. 11 Feb. 2016. <[https://www.caiso.com/Documents/FlexibleResourcesHelpRenewables\\_FastFacts.pdf](https://www.caiso.com/Documents/FlexibleResourcesHelpRenewables_FastFacts.pdf)>.



29% of weekday charging occurs between 4-8pm

Figure 6 – Total number of DCFC charging sessions, by time of day, across EVgo’s CPUC settlement Freedom Station locations during the 2015 analysis period for all days, weekdays, and weekends.



**Figure 7** – CAISO’s duck curve illustrates future scenarios of California’s net load—the difference between forecasted load and expected electricity production from variable generation resources. At certain times of year, including this day at the end of March, the net load profile takes the shape of an aquatic bird (graph source: CAISO).<sup>6</sup>

<sup>6</sup> "What the Duck Curve Tells Us about Managing a Green Grid." California Independent System Operator, Oct. 2013. Web. 11 Feb. 2016. <[https://www.caiso.com/Documents/FlexibleResourcesHelpRenewables\\_FastFacts.pdf](https://www.caiso.com/Documents/FlexibleResourcesHelpRenewables_FastFacts.pdf)>.

#### 4. How does charging station utilization vary geographically?

Heat maps of average daily DC fast-charger utilization at CPUC settlement Freedom Stations throughout November 2015—the last full month of this analysis period—illustrate geographic variation in charging frequency throughout California (Figures 8 and 9). There are many factors that contribute to station utilization, including local population demographics, proximity to amenities, and proximity to major freeways.

#### Northern California—Average Daily DCFC Charging Station Utilization, November 2015

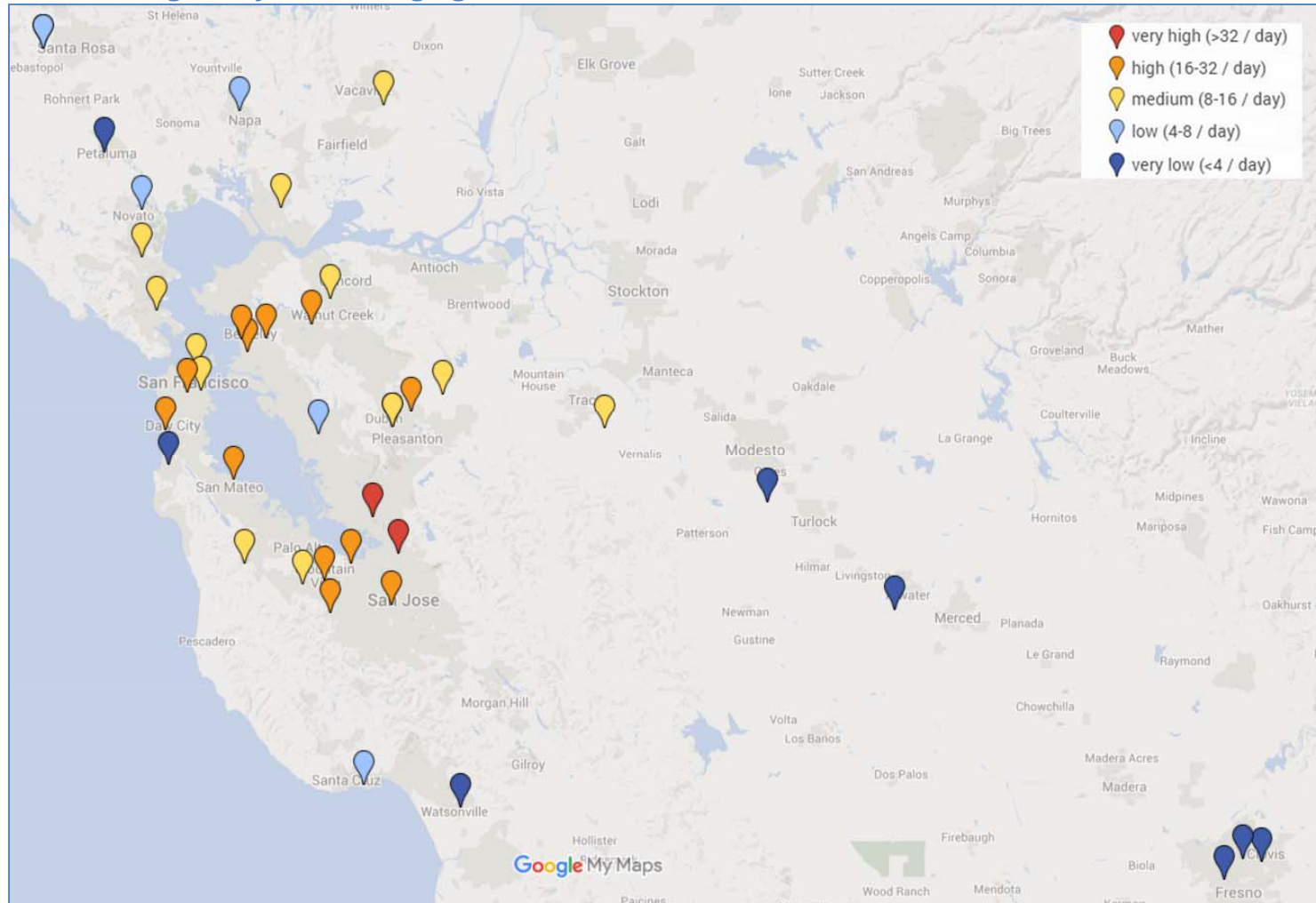


Figure 8 – Heat map of EVgo’s Northern California CPUC settlement Freedom Station average daily DCFC session count in November 2015. Only locations that began operations prior to November 1, 2015 are shown.



## **OTHER PROGRAMS**

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### **Technology Demonstration Program**

#### *Commitment*

A third category in the Agreement requires NRG to invest \$5 million in a Technology Demonstration Program for the deployment, demonstration, and testing of EV technologies such as stationary battery storage systems for charging, “extreme” high-power charging equipment, smart-charging technology, and a vehicle-to-grid demonstration. These projects require collaboration with CPUC prior to authorization.

The program is intended to advance the state of the charging industry by bringing together partners, demonstrating new technologies, and deploying technologies in the field for drivers to test and utilize.

#### *Status and Assessment*

NRG and CPUC reached agreement in 2015 on projects to fully allocate the funding for the Technology Demonstration Program. Three projects comprise the program and are summarized below, with status updates and expected next steps.

#### Stationary Storage Plus Electric Charging

##### *Project Summary*

The Stationary Storage Plus Electric Charging (or SSPEC) project will investigate how incorporating stationary batteries with DC Level 3 electric vehicle (EV) charging infrastructure can reduce the cost of developing, constructing, and operating public Fast Chargers without the use of incentives. The project will do this by:

1. Deploying a test site with microgrid components, including battery storage, solar generation, EV charging infrastructure, and control technology.
2. Running a number of tests with various configurations of devices at the SSPEC site.
3. Analyzing results from the SSPEC site and historical data from EVgo’s charging station network to identify load profiles, deployment sites, and utility territories, which can benefit most from backup batteries and/or generation on site.

Upon successful economic and operational demonstration, NRG intends to commercialize these technologies and integrate them into its broader Freedom Station rollout. Ultimately, NRG believes that SSPEC will enable faster deployment of DC Fast Chargers by both EVgo and third parties at a wider variety of locations, and for a lower total cost of ownership to property owners and electric vehicle service providers alike.

##### *Project Status*

In Q3 2015 NRG reported that Phase I of SSPEC had officially been completed with the

commissioning of our demonstration site at the Regents Road West Lot / P703 Parking Lot at UCSD. Since then, the project has made strides to develop the Phase II integration plan as well as our overall evaluation of the economic potential. On December 9th, the battery cabinetry was delivered to the SSPEC site and progress has been made to integrate the battery management system with the site controller.

As part of the goal focusing on evaluating the project economics at scale, the team has completed contracting with Dr. Tim Lipman and his team at UC Berkeley. In Q3 2015, the EVgo team provided UC Berkeley with actual usage data on EVgo's 223 DC charging stations in California. The UC Berkeley team created a model in MATLAB which utilized the historical data and developed potential cost savings for coupling stationary storage with DC Fast Charging stations.

In the next quarter, Q1 of 2016, EVgo will continue working with the pieces which have been set up for Phase II. The full battery storage system and split unit charging stations will be delivered and installed on site. Pre-site integration testing will be complete and testing with equipment on site will be underway.

## EV Storage Accelerator (EVSA)

### *Project Summary*

The EV Storage Accelerator (EVSA) aims to demonstrate vehicle-to-grid (V2G) technology as a low cost energy storage resource. The project will use nine vehicles for the demonstration, three Honda Accord Plug-in Hybrid electric vehicles (PHEV) and six Nissan LEAF Plug-in electric vehicles (PEV). The four primary goals of EVSA are:

1. Create a test environment for two major automakers, Nissan and Honda, to gain experience with V2G technologies and prepare them for a further commitment to the technology,
2. Advance product readiness for bidirectional inverters, including listing standards and product certification
3. Identify use cases for V2G and test vehicles against those use cases.
4. Inform public policy around the system, ratepayer and customer benefits of V2G.

### *Project Status*

In the fourth quarter of 2015 NRG hit early milestones in the EVSA demonstration. The first 2 of 9 charging stations were permitted and installed at the UCSD P703/Regents Road West Parking Lot. These L2 J1772 charging stations will be compatible with the Honda Plug-in Hybrid Accord, which utilized the on-board inverter technology. Headway was made on the integration of the CHAdeMO Princeton Power Systems (PPS) charging station. Project partners at the University of Delaware have successfully integrated the PPS charging stations with a Nissan LEAF using the NRG-UD Aggregator.

In addition to the construction and integration work, NRG held the first two stakeholder meetings October and November; at these meetings the team discussed NRG's V2G technology approach in EVSA and partner development for the project. NRG additionally delivered a presentation at the Second Annual California Multi-Agency Update on Vehicle-Grid Integration Research at the

California Energy Commission in Sacramento.

Building off of the progress made in Q4 2015, NRG will begin documentation for site license agreements, design, and permitting at all remaining installation sites at the UCSD campus. The team will continue to work on developing use cases for the project and holding stakeholder meetings to gather input and feedback to the project process.

#### Extreme High Power DC Charging Station

##### *Project Summary*

Automakers are increasing range of EVs by increasing battery capacity in the near future. To maintain a consistent customer/EV driver experience regarding charge duration and SOC (State of Charge) completion percentage, DC EVSE infrastructure must increase the power dispensing. This project is intended to bring auto OEMs, EVSE and cable manufacturers together to demonstrate and facilitate testing and development of standards and equipment. The project will do the following:

1. Deploy first of its kind EVSE infrastructure capable of high power (300 + amps) of VDC power to EVSEs on site
2. Test with auto OEMs and EVSE providers to allow for test bed and development of standards

##### *Project Status*

In Q4 2015, NRG initiated conversations with OEMs, EVSE manufacturers, and stakeholders to start hardware and site design. RFP for EVSE has been closed and manufacturers have been awarded. NRG is now in contract negotiations with the manufacturers. NRG conducted several technical meetings with different automakers to further define the specifications for the high power stations. Project engineering and hardware manufacturing is scheduled with reoccurring meetings and status updates to start beginning of Q1 2016.

#### **EV Opportunity Program**

##### *Commitment*

The fourth category in the Agreement requires NRG to invest \$4 million on an EV Opportunity Program for projects that: 1) enhance appreciation of the social benefits of EVs, and 2) create opportunities for residents in underserved communities to benefit from expanded use of EVs in California. In particular, the funds would be used for an EV car sharing program, EV job training program, and other projects consistent with the goals of exposing more consumers to EV technology or developing skills in underserved communities.

##### *Status and Assessment*

NRG's proposal to provide vehicles and charging solutions to neighborhood health clinics was denied by CPUC staff via email and phone conversations during the reporting period. NRG has partnered with a team from Clinton Global Initiative to support an application for an electric school bus demonstration program for low-income school districts. Total funds allocated to the project is \$2.7 million, leaving a balance of \$1.3 million for projects in this program category, if the application is awarded and the project moves ahead.



## **PROCUREMENT INFORMATION**

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### *Request for Proposal (RFP) History*

On October 22, 2015, NRG issued an RFP for an EVgo Maintenance Services Agreement for nationwide markets. NRG distributed the RFP directly to seven firms, associations, and publications. Five firms responded to the RFP. The selection process is ongoing.

### *Contracting Practices*

NRG includes the following questions in our RFPs and the RFI relating to the contracting practices criteria specified in Sections 4(a)(vi)(3)(B) and 4(c)(vi)(2)(B) of the Settlement.

1. Please describe in detail your track record of hiring graduates of pre-apprenticeship training programs applicable to the trade or trades to be performed under the contract.
2. Please describe in detail your track record of recognizing the value of quality training for employees by participating in registered apprenticeship programs and other similar credential-granting programs applicable to the trade or trades to be performed under the contract.
3. Please describe in detail your track record of hiring a substantial number of its employees from the communities surrounding the locations where the work is to be performed under the contract.
4. Do you provide health insurance for your employees?
5. Demonstrate your track record for successfully hiring and retaining employees from historically disadvantaged or underrepresented classes, including women, minorities and disabled veterans; provided that newer contractors without such a track record may be able to receive such a preference by providing a detailed plan setting forth how such contractor will hire and retain such employees during the performance of the contract and thereafter.
6. Demonstrate your track record for striving to provide employment opportunities to formerly incarcerated individuals who are seeking lawful self-sufficient career opportunities.

## **GO 156 PLAN AND REPORTING**

### *Women, Minority and Disabled Veteran Business Enterprise (WMDVBE) Contracting Activities*

NRG has implemented procedures to identify and collect information about eVgo vendors who may qualify as WMDVBEs. NRG included the following language in our RFI/RFPs (this language was reviewed by Greenlining Institute prior to issuance):

1. Are you a woman-owned, veteran-owned, minority-owned, or some similar such diverse business as described in California General Order 156? If so, please indicate the type of business you are and attach any pertinent documentation. Also indicate if you are registered with the Clearinghouse established by General Order 156.
2. If you answered no to the above, how will you work to subcontract to diversity businesses?
3. Please describe any work in the past three years that you have done or reported under the California Public Utility Commission's General Order 156.

In addition, NRG has implemented procedures to encourage the utilization of WMDVBE subcontractors by our vendors. NRG included the following language in our master construction

contracts:

### UTILIZATION OF WOMEN, MINORITY AND DISABLED VETERAN OWNED BUSINESS ENTERPRISES

- (1) It is the policy of the Owner [NRG] that women, minority and disabled veteran owned business enterprises (“WMDVBEs”) shall have the maximum practicable opportunity to participate in the performance of the Work. However, this policy shall not be used to exclude qualified non-WMDVBEs from participating in sub- contracting for the Work to be performed under the Purchase Order.
- (2) The Supplier agrees to use its best efforts to carry out this policy in the award of subcontracts to the fullest extent consistent with the efficient performance of the Work to be performed under the Purchase Order.
- (3) The Supplier agrees to inform prospective WMDVBE subcontractors of their opportunity to request from the clearinghouse a verification application form and to return the completed form to the clearinghouse for processing and inclusion in the database.

NRG employees with procurement responsibilities have received training in the implementation of the WMDVBE program from NRG’s legal department and NRG’s in-house supplier diversity coordinator.

#### *Goals*

NRG has set a target of 30% WMDVBE utilization, with the following mutually exclusive sub-goals:

MBE	15%
WBE	5%
DVBE	1.5%

NRG has communicated these goals to our construction contractors to encourage utilization of diverse subcontractors.

#### *Progress in Meeting Goals*

The utilization of WMDVBE contractors and vendors is shown in the following table. Certain categories of equipment are new technologies, with limited available suppliers, in particular, EV chargers and switchgear. Not included are payments to utilities, which are monopoly providers. Percentages reported below show the percentages with and without the cost of EV chargers and switchgear.

Category	Utilization without EV chargers and switchgear	Utilization with EV chargers and switchgear
MBE	9.3%	13.2%
WBE	14.9%	9.3%
DVBE	0.7%	0.4%
Total	24.9%	23.0%

## **SETTLEMENT EXPENDITURES**

See confidential Appendix E which details NRG expenses incurred in the performance of the Settlement Agreement, broken down by:

- Freedom Station Costs
- Freedom Station Fixed Operating Cost Amount;
- Make-Readies Costs; and
- Technology Demonstration Project Costs

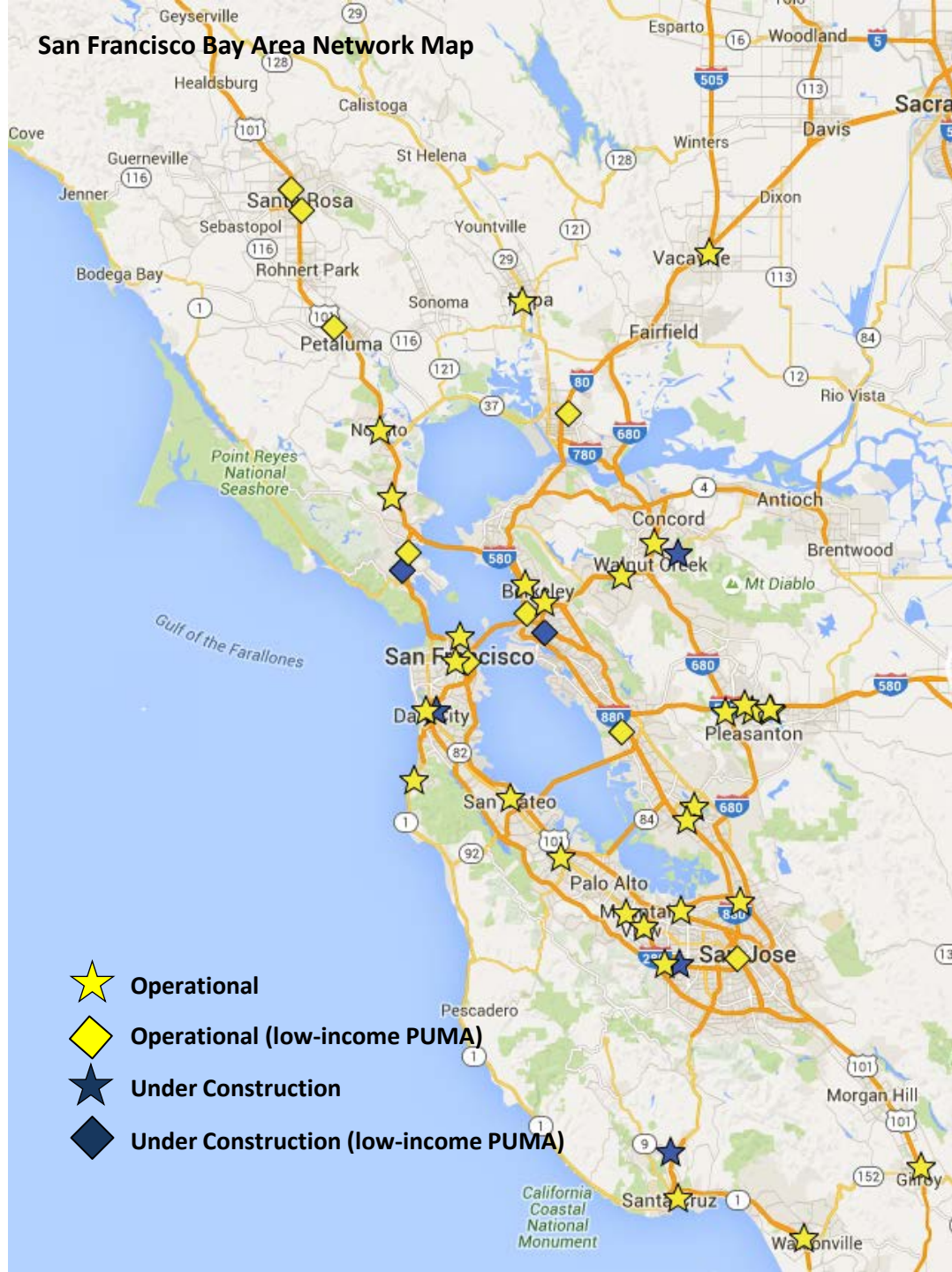
In total, NRG has spent nearly \$31 million in Freedom Station development and over \$8 million in Make-Readies development. This is roughly on track with expectations on a per-site basis and suggest reaching the committed spending requirements commensurate with achievement of the construction requirements.





**Appendix A**

**Public Fast-Charging Station Maps**

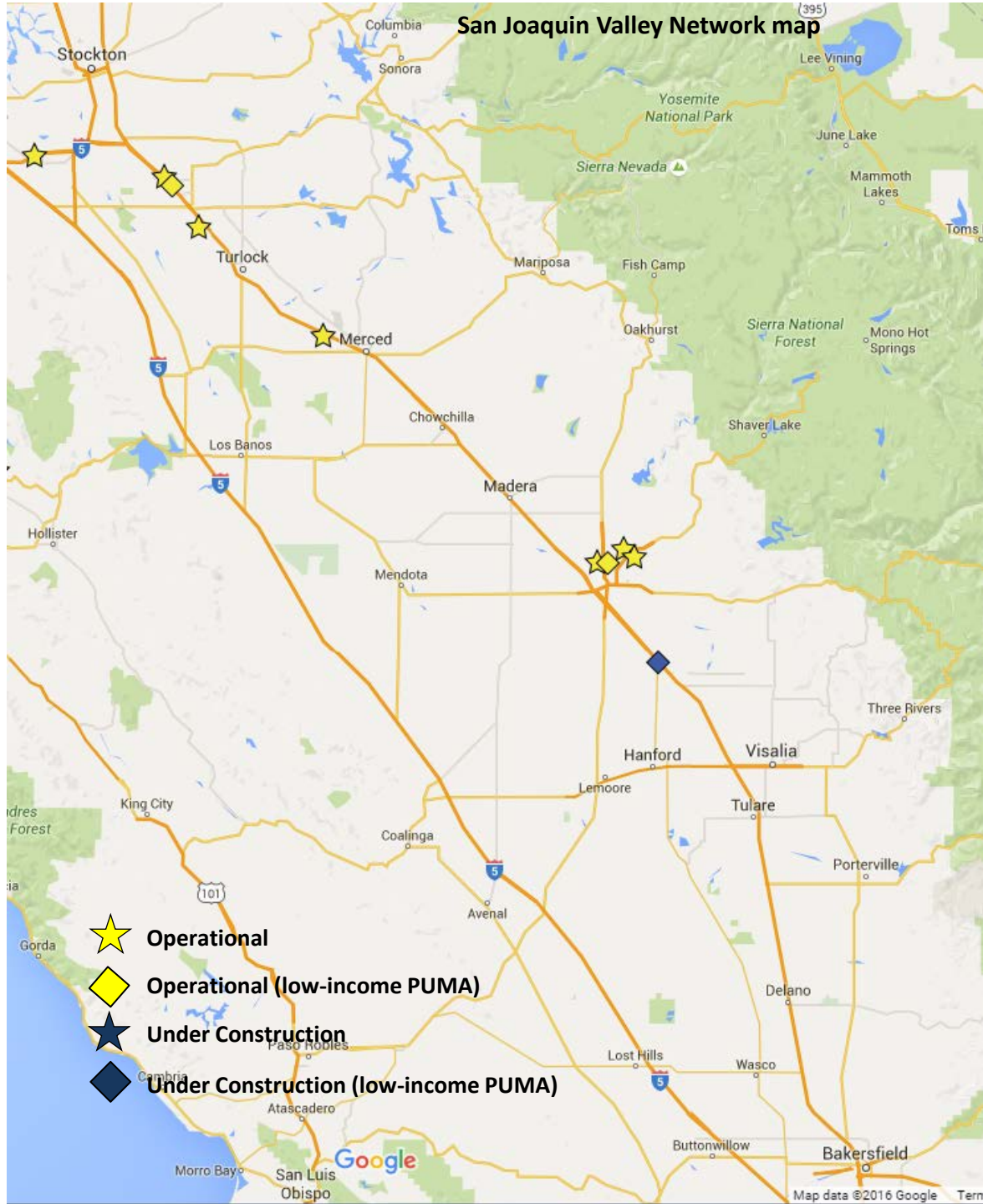
See attached.

# San Francisco Bay Area Network Map



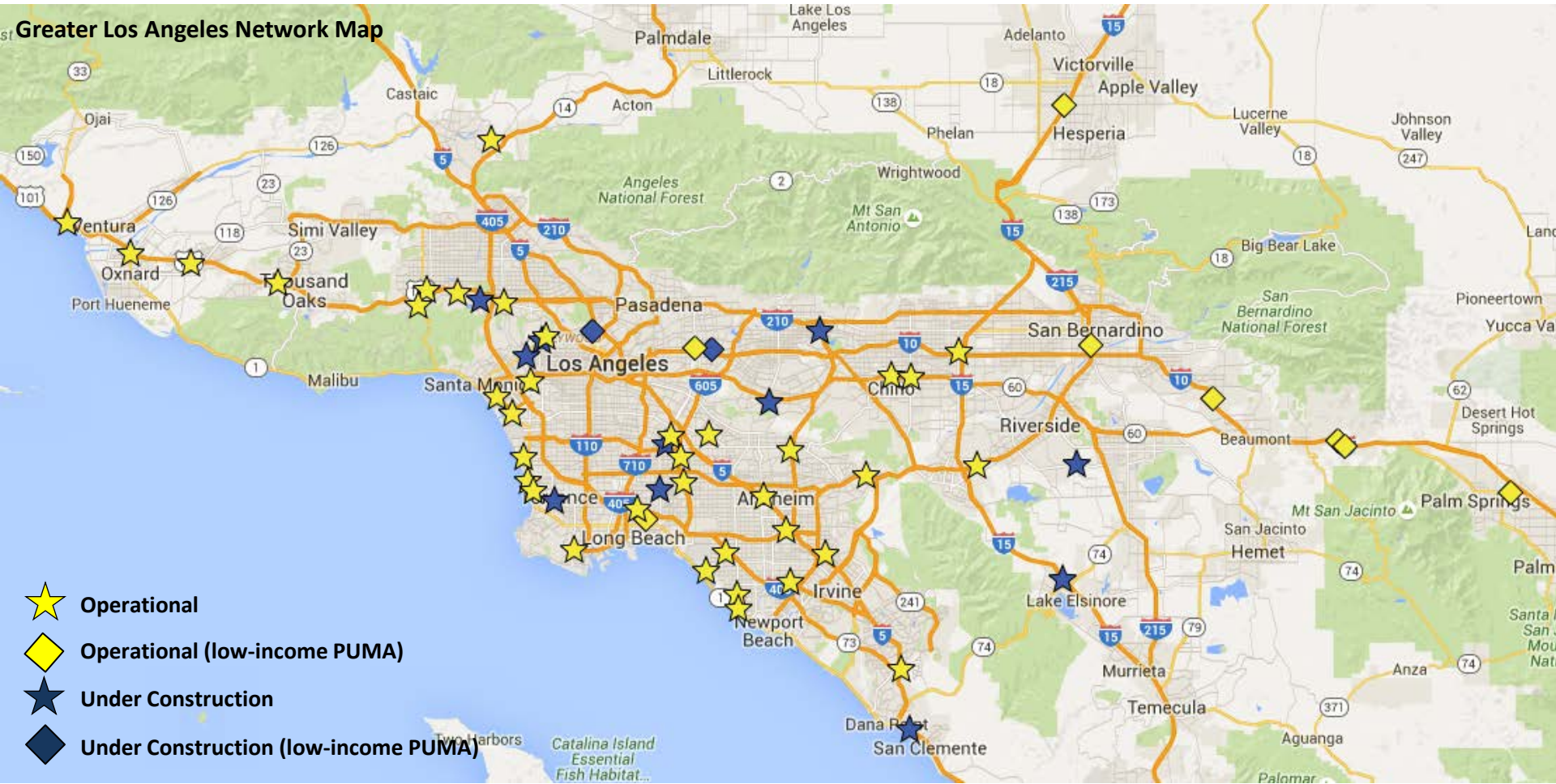
-  **Operational**
-  **Operational (low-income PUMA)**
-  **Under Construction**
-  **Under Construction (low-income PUMA)**

# San Joaquin Valley Network map



-  **Operational**
-  **Operational (low-income PUMA)**
-  **Under Construction**
-  **Under Construction (low-income PUMA)**

# Greater Los Angeles Network Map



# San Diego Network Map





**Appendix B**

**Freedom Station Installation Detail**

See attached.

**APPENDIX B - Freedom Station Detail****Dated as of: December 5, 2015**

<u>Name</u>	<u>Street Address</u>	<u>City</u>	<u>Completion Date</u>	<u>PUMA</u>	<u>SAE Combo</u>	<u>CC Reader</u>
<b><u>SF Bay Area</u></b>						
1 Westlake Shopping Center	75 Southgate Ave.	Daly City	6/24/2013		x	x
2 Whole Foods Fremont	3111 Mowry Ave.	Fremont	9/25/2013		x	x
3 Whole Foods SF	2001 Market Street	San Francisco	11/7/2013		x	x
4 Vacaville Premium Outlets	321 Nut Tree Road	Vacaville	11/20/2013		x	x
5 Livermore Premium Outlets	2774 Paragon Outlets Drive	Livermore	1/6/2014		x	x
6 Walgreens SF	1175 Columbus	San Francisco	2/26/2014		x	x
7 Public Market	5959 Shellmound St.	Emeryville	12/23/2013	x	x	x
8 The Mall at Northgate	2150 Northgate Dr.	San Rafael	12/18/2013		x	x
9 The Village at Corte Madera	1618 Redwood Hwy	Corte Madera	3/18/2014	x	x	x
10 Whole Foods Cupertino	20955 Stevens Creek Blvd	Cupertino	4/22/2014		x	x
11 Whole Foods Novato	790 De Long Ave	Novato	2/24/2014		x	x
12 Whole Foods Telegraph Ave	3000 Telegraph Ave	Berkeley	4/2/2014		x	x
13 Whole Foods Berkeley	1025 Gilman	Berkeley	11/5/2014		x	x
14 Whole Foods San Jose	777 The Alameda	San Jose	11/20/2014	x	x	x
15 Linda Mar	1227 Linda Mar Shopping Center	Pacifica	8/28/2014		x	x
16 Whole Foods Lafayette	3502 Mt. Diablo Blvd	Lafayette	12/4/2014		x	x
17 Whole Foods Los Altos	4800 El Camino Real	Los Altos	6/5/2014		x	x
18 Rose Pavilion	3903 Santa Rita Rd.	Pleasanton	11/6/2014		x	x
19 Great Mall	447 Great Mall Dr	Milpitas	5/27/2014		x	x
20 Whole Foods Santa Rosa	733 Coddington Center	Santa Rosa	8/29/2014	x	x	x
21 Petaluma Outlets	2200 Petaluma Blvd North	Petaluma	8/11/2014	x	x	x
22 Nob Hill Foods Mountain View	1250 Grant Rd	Mountain View	7/24/2014		x	x
23 Crossroads	2316 Monument Blvd	Pleasant Hill	5/15/2014		x	x
24 Santa Rosa Plaza	1071 Santa Rosa Plaza	Santa Rosa	11/7/2014	x	x	x
25 Napa Outlets	629 Factory Stores Drive	Napa	1/23/2015		x	x
26 Whole Foods Redwood City	1250 Jefferson Ave	Redwood City	3/13/2015		x	x
27 Gateway Plaza-Vallejo	173 Plaza Drive	Vallejo	4/24/2015	x	x	x
28 F&E Hayward	19691 Hesperian Blvd	Hayward	4/24/2015	x	x	x
29 Stoneridge Mall	1700 Stoneridge Mall Rd	Pleasanton	4/30/2015		x	x
30 Whole Foods Dublin	5200 Dublin Boulevard	Dublin	5/21/2015		x	x
31 City of San Mateo	385 1st Ave	San Mateo	7/13/2015		x	x
32 Fresh & Easy Sunnyvale	1180 N Fair Oaks Ave	Sunnyvale	8/4/2015		x	x
33 Nob Hill Watsonville	1912 Main Street	Watsonville	8/27/2015		x	x
34 Whole Foods Santa Cruz	911 Soquel Avenue	Santa Cruz	8/28/2015		x	x
35 Whole Foods San Francisco (Potrero Hill)	50 Rhode Island St	San Francisco	10/9/2015	x	x	x
36 Gilroy Premium Outlets	681 Leavesley Rd	Gilroy	11/16/2015		x	x
37 San Francisco Premium Outlets	2774 Livermore Outlets Drive	Livermore	11/17/2015		x	x
38 Lucky Fremont	5000 Mowry Ave.	Fremont	12/2/2015		x	x
			<b>38</b>	<b>9</b>	<b>38</b>	<b>38</b>
<b><u>San Diego</u></b>						
1 Fashion Valley	7007 Friars Road	San Diego	9/18/2013		x	x
2 Las Americas Premium Outlets	4211 Camino De La Plaza	San Diego	10/29/2013	x	x	x
3 Flower Hill Promenade	2600 Via De La Valle	Del Mar	12/20/2014		x	x
4 Carlsbad Premium Outlets	5620 Paseo Del Norte	Carlsbad	12/6/2013		x	x
5 Broadway Plaza	1166 Broadway	Chula Vista	1/6/2014	x	x	x
6 SDG&E Innovation Center	4750 EV Clairemont Mesa Blvd	San Diego	3/9/2014		x	x
7 Rancho Penasquitos	13255 Black Mountain Rd	San Diego	3/31/2014		x	x
8 Del Norte Plaza	330 West El Norte Plaza	Escondido	3/9/2014	x	x	x
9 Fenton Marketplace	2482 Friars Rd	San Diego	1/27/2015		x	x
10 San Diego Tech Center	9605 Scranton Rd	San Diego	2/25/2015		x	x
11 Mira Mesa Mall	8110 - 8340 Mira Mesa Blvd	San Diego	3/31/2015		x	x
12 Melrose Village	1601 South Melrose Drive	Vista	5/21/2015		x	x

**APPENDIX B - Freedom Station Detail****Dated as of: December 5, 2015**

<u>Name</u>	<u>Street Address</u>	<u>City</u>	<u>Completion</u>	<u>PUMA</u>	<u>SAE</u>	<u>CC</u>
			<u>Date</u>		<u>Combo</u>	<u>Reader</u>
			<b>12</b>	<b>3</b>	<b>12</b>	<b>12</b>
<b>LA Basin</b>						
1 Camarillo Premium Outlets	900 1/2 Camarillo Center Dr.	Camarillo	11/11/2013		x	x
2 Walgreens Tarzana	5353 Mecca Ave.	Tarzana	3/24/2014		x	x
3 Outlets at Orange	20 City Blvd W	Orange	4/21/2014		x	x
4 Westminster Mall	1025 Westminster Mall	Westminster	5/30/2014		x	x
5 Brea Mall	200 Brea Mall	Brea	5/2/2014		x	x
6 Los Cerritos Center	200 Los Cerritos Mall	Cerritos	6/4/2014		x	x
7 Stonewood Center	306 Stonewood Street	Downey	3/28/2014		x	x
8 Larwin Square	654 East 1st Street	Tustin	3/31/2014		x	x
9 Walgreens Huntington Beach	19501 Beach Boulevard	Huntington Beach	8/14/2014		x	x
10 Corona Hills Plaza	360 McKinley Street	Corona	9/2/2014		x	x
11 Hines Warner Center	5700 Canoga Ave	Woodland Hills	3/28/2014		x	x
12 Cabazon Outlets	48400 Seminole Drive	Cabazon	4/23/2014	x	x	x
13 Country Fair SC	12013 Central Avenue	Chino	5/20/2014		x	x
14 Inland Center	500 Inland Center Drive	San Bernardino	6/2/2014	x	x	x
15 Oaks Mall	350 W Hillcrest Drive	Thousand Oaks	4/30/2014		x	x
16 Pacific View Mall	3301-1 East Main Street	Ventura	4/23/2014		x	x
17 Pavilions Place	1600 Beach Blvd	Westminster	9/19/2014		x	x
18 Bristol Plaza	3361 South Bristol St	Santa Ana	11/20/2014		x	x
19 Shops at Mission Viejo	555 Shops At Mission Viejo	Mission Viejo	5/16/2014		x	x
20 City of Hermosa Beach Parking	1334 Hermosa Avenue	Hermosa Beach	7/23/2014		x	x
21 Dunlap - Huntington Harbor	16821 Algonquin St	Huntington Beach	9/2/2014		x	x
22 8000 Sunset Strip	8000 Sunset Strip	Los Angeles	10/27/2014		x	x
23 Tarragona	1000 N. Western Avenue	San Pedro	11/19/2014		x	x
24 Morongo Casino	49500 Seminole Drive	Cabazon	3/4/2015	x	x	x
25 Plaza Rio Vista	67800 Vista Chino	Cathedral City	3/5/2015	x	x	x
26 Savi Ranch- Yorba Linda	23030 1/2 Eastpark Dr	Yorba Linda	12/30/2014		x	x
27 F&E Manhattan Beach	700-C Rosecrans Ave	Manhattan Beach	1/13/2015		x	x
28 Ontario Mills	1 Mills Circle	Ontario	3/4/2015		x	x
29 F&E Long Beach	3300 Atlantic Avenue	Long Beach	1/28/2015		x	x
30 F&E Norwalk	10930 Rosecrans Ave	Norwalk	2/25/2015		x	x
31 F&E Signal Hill	2475 Cherry Ave	Signal Hill	1/28/2015	x	x	x
32 Gelson's Calabasas	22277 Mulholland Hwy	Calabasas	3/20/2015		x	x
33 Playa Vista Community Center	5510 Lincoln Blvd	Los Angeles	3/30/2015		x	x
34 F&E Calimesa #1238	1126 Calimesa	Calimesa	4/7/2015	x	x	x
35 Mall of Victor Valley	14370 Bear Valley Rd	Victorville	4/7/2015	x	x	x
36 Gelsons Sherman Oaks	4520 Van Nuys Blvd	Sherman Oaks	4/22/2015		x	x
37 Anaheim Plaza	510 N Euclid St.	Anaheim	5/6/2015		x	x
38 F&E Rosemead #1445	9026 E. Valley Blvd	Rosemead	5/13/2015	x	x	x
39 Sassounian Huntington Beach	21190 Beach Blvd	Huntington Beach	5/21/2015		x	x
40 Lincoln Place Apartments	1050 Frederick Street	Venice	9/1/2014		x	x
41 Whole Foods Redondo Beach	405 PCH	Redondo	7/10/2015		x	x
42 Canyon Country Plaza	19242 Soledad Canyon	Santa Clarita	7/20/2015		x	x
43 Esplanade Shopping Center	195 W. Esplanade Dr	Oxnard	9/29/2015		x	x
44 Ince Garage	9290 Culver Blvd	Culver City	10/13/2015		x	x
45 F&E Ontario #1164	2275 S. Euclid Ave	Ontario	11/23/2015		x	x
46 Gateway Plaza - Santa Fe Springs	10629 Carmenita Road	Santa Fe Springs	12/4/2015		x	x
			<b>46</b>	<b>8</b>	<b>46</b>	<b>46</b>
<b>San Joaquin Valley</b>						
1 Applegate Ranch	1000 Commerce Avenue	Atwater	9/30/2014		x	x
2 West Valley Mall	3200 N Naglee Road	Tracy	2/6/2015		x	x
3 Fashion Fair Mall	563 E. Shaw Ave.	Fresno	4/1/2015	x	x	x
4 Vine Fuels Salida	4530 Kiernan Avenue	Salida	8/5/2015		x	x
5 Clovis Commons	695 W Herndon Avenue	Clovis	9/16/2015		x	x
6 Whole Foods Fresno	650 W Shaw Ave	Fresno	9/17/2015		x	x

**APPENDIX B - Freedom Station Detail**

**Dated as of: December 5, 2015**

<u>Name</u>	<u>Street Address</u>	<u>City</u>	<u>Completion</u> <u>Date</u>	<u>PUMA</u>	<u>SAE</u> <u>Combo</u>	<u>CC</u> <u>Reader</u>	
7 Vine Fuels - Ceres	1240 E Whitmore Ave.	Ceres	10/26/2015		x	x	
8 Vintage Faire Mall	3401 Dale Road	Modesto	11/9/2015	x	x	x	
9 City of Clovis	748 5th St.	Clovis	11/20/2015		x	x	
			<b>9</b>	<b>2</b>	<b>9</b>	<b>9</b>	
			<b>Totals</b>	<b>105</b>	<b>22</b>	<b>105</b>	<b>105</b>

**Appendix C**  
**Make-Readies Detail**

See attached.

**APPENDIX C - Make-Readies Detail**

**Dated as of: December 5, 2015**

<u>Name</u>	<u>Street Address</u>	<u>City</u>	<u>IOU</u>	<u>Type</u>	<u>Host</u>	<u>Contract Date</u>	<u>Stubs</u>	<u>Completion</u>		<u>Start-up</u>
								<u>Date</u>	<u>Period End</u>	<u>Date</u>
<b>Completed Installations</b>										
1 The Terraces at Emery Station	5855 Horton Street	Emeryville	PGE	WP	Wareham Development	3/26/2013	10	8/29/2013	2/28/2015	
2a Soltterra EcoLuxury Apartments (Array 1)	9865 Erma Road	San Diego	SDGE	MF	HG Fenton	5/24/2013	10	5/23/2013	11/23/2014	
2b Soltterra EcoLuxury Apartments (Array 2)	9865 Erma Road	San Diego	SDGE	MF	HG Fenton	5/24/2013	10	5/23/2013	11/23/2014	
2c Soltterra EcoLuxury Apartments (Array 3)	9865 Erma Road	San Diego	SDGE	MF	HG Fenton	5/24/2013	10	5/23/2013	11/23/2014	
2d Soltterra EcoLuxury Apartments (Array 4)	9865 Erma Road	San Diego	SDGE	MF	HG Fenton	5/24/2013	10	5/23/2013	11/23/2014	
3 Energy Solutions	449 15th St.	Oakland	PGE	WP	Energy Solutions	9/19/2013	6	12/4/2013	6/4/2015	
4 Santa Monica Media Center	2100 Colorado Ave.	Santa Monica	SCE	WP	Kilroy Realty	9/12/2013	4	1/10/2014	7/10/2015	
5 NRG Marsh Landing	3201-C Wilbur Ave	Antioch	PGE	WP	NRG	9/5/2013	4	12/11/2013	6/11/2015	
6 Towers at Costa Verde	8775 Costa Verde	San Diego	SDGE	MF	Garden Communities, Inc.	9/11/2013	10	1/10/2014	7/10/2015	
7 NRG Potrero	1201 Illinois St.	San Francisco	PGE	WP	NRG	11/21/2013	2	1/31/2014	7/31/2015	
8 NRG Pittsburg	696 W. 10th St.	Pittsburg	PGE	WP	NRG	11/21/2013	6	1/20/2014	7/20/2015	
9 Linear Technology	790 Sycamore Dr.	Milpitas	PGE	WP	Linear Technology Corp.	11/18/2013	8	5/9/2014	11/9/2015	
10 Pacific Ridge Corporate Centre	5790 Fleet St.	Carlsbad	SDGE	WP	Fleet Pacific Ridge, LLC	1/15/2014	10	5/7/2014	11/7/2015	
11 Diablo View Apartments	4265 Clayton Rd.	Concord	PGE	MF	Diablo View, LLC	2/2/2014	8	5/14/2014	11/14/2015	
12 Apex Apartments	1102 S. Abel St.	Milpitas	PGE	MF	Lyon Communities	10/31/2013	6	4/17/2014	10/17/2015	
13 Cross Pointe Apartments	5100 Vista Grande Drive	Antioch	PGE	MF	Sequoia Equities	11/20/2013	6	5/30/2014	11/30/2015	
14 Flora Apartments	140 Flora Avenue	Walnut Creek	PGE	MF	Sequoia Equities	11/20/2013	2	5/15/2014	11/15/2015	
15 Mill Springs Park	1809 Railroad Avenue	Livermore	PGE	MF	Sequoia Equities	11/20/2013	4	5/21/2014	11/21/2015	
16 Plum Tree Apartments	1097 Maywood Lane	Martinez	PGE	MF	Sequoia Equities	11/20/2013	4	6/3/2014	12/3/2015	
17 River Oaks Apartments	1000 Allison Drive	Vacaville	PGE	MF	Sequoia Equities	11/20/2013	10	6/4/2014	12/4/2015	
18 Sterling Heights Apartments	150 Rankin Way	Benecia	PGE	MF	Sequoia Equities	11/20/2013	4	5/27/2014	11/27/2015	
19 Tanglewood Apartments	1880 Cowell Blvd	Davis	PGE	MF	Sequoia Equities	11/20/2013	6	6/3/2014	12/3/2015	
20 University Village Davis	625 Cantrill Drive	Davis	PGE	MF	Sequoia Equities	11/20/2013	4	6/3/2014	12/3/2015	
21 Valley Ridge Apartments	900 Roanoke Drive	Martinez	PGE	MF	Sequoia Equities	11/20/2013	4	6/2/2014	12/2/2015	
22 Villa Palms Apartments	51 Murdell Lane	Livermore	PGE	MF	Sequoia Equities	11/20/2013	4	5/22/2014	11/22/2015	
23 NRG Ivanpah	100302 Yates Well Rd.	Nipton	SCE	WP	NRG	2/26/2014	4	7/8/2014	1/8/2016	
24 Austry Garage	10202 W. Washington Blvd	Culver City	SCE	WP	Sony Pictures Entertainment	3/27/2014	10	7/23/2014	1/23/2016	
25 Culver Parking Structure	10202 W. Washington Blvd	Culver City	SCE	WP	Sony Pictures Entertainment	3/27/2014	10	7/23/2014	1/23/2016	
26 Culver Studios (TCSOB)	9050 W. Washington Blvd	Culver City	SCE	WP	Sony Pictures Entertainment	3/27/2014	10	7/23/2014	1/23/2016	
27 Overland Parking Structure	10202 W. Washington Blvd	Culver City	SCE	WP	Sony Pictures Entertainment	3/27/2014	10	7/23/2014	1/23/2016	
28 SPP Garage	10000 W. Washington Blvd	Culver City	SCE	WP	Sony Pictures Entertainment	3/27/2014	10	7/23/2014	1/23/2016	
29 Thalberg North Garage	10202 W. Washington Blvd	Culver City	SCE	WP	Sony Pictures Entertainment	3/27/2014	10	7/23/2014	1/23/2016	
30 Casa Mira View I	11195 Westview Pkwy	San Diego	SDGE	MF	Garden Communities, Inc.	5/14/2014	10	8/20/2014	2/20/2016	
31 Torrey Hills Luxury Apartments	10880 West Ocean Air Dr.	San Diego	SDGE	MF	Garden Communities, Inc.	2/27/2014	8	7/30/2014	1/30/2016	
32 Circa 37	7800 Westside Drive	San Diego	SDGE	WP	Sudberry Properties	5/1/2014	5	7/7/2014	1/7/2016	
33 Terraces at Copley Point	5887 Copley Drive	San Diego	SDGE	MF	Sudberry Properties	5/5/2014	4	7/7/2014	1/7/2016	
34 2175 Market	2175 Market St.	San Francisco	PGE	MF	Forest City	5/21/2014	6	7/25/2014	1/25/2016	
35a Stoneridge Apartments (Array 1)	6250 Stoneridge Mall Rd.	Pleasanton	PGE	MF	Lyon Communities	11/22/2013	4	8/15/2014	2/15/2016	
35b Stoneridge Apartments (Array 2)	6250 Stoneridge Mall Rd.	Pleasanton	PGE	MF	Lyon Communities	11/22/2013	4	8/15/2014	2/15/2016	
35c Stoneridge Apartments (Array 3)	6250 Stoneridge Mall Rd.	Pleasanton	PGE	MF	Lyon Communities	11/22/2013	4	8/15/2014	2/15/2016	
36 17 Mile Drive Village	1012 Pacific Grove Lane	Pacific Grove	PGE	MF	Sequoia Equities	11/20/2013	3	7/3/2014	1/3/2016	
37 Park Central Apartments	1400 Technology Lane	Petaluma	PGE	MF	Sequoia Equities	11/20/2013	6	8/12/2014	2/12/2016	
38 Park Ridge Apartments	4949 Snyder Lane	Rohnert Park	PGE	MF	Sequoia Equities	11/20/2013	8	6/24/2014	12/24/2015	
39 Rosewalk Apartments	3601 Copperfield Drive	San Jose	PGE	MF	Sequoia Equities	11/20/2013	10	6/6/2014	12/6/2015	
40 Sandpiper Village Apartments	999 Marshall Road	Vacaville	PGE	MF	Sequoia Equities	11/20/2013	4	5/26/2014	11/26/2015	
41 Shadow Oaks Apartments	202 Calvert Drive	Cupertino	PGE	MF	Sequoia Equities	11/20/2013	4	6/24/2014	12/24/2015	
42 Sharps & Flats Apartments	1660 Drew Circle	Davis	PGE	MF	Sequoia Equities	11/20/2013	8	8/22/2014	2/22/2016	
43 Tower 737 Apartments	737 Post Street	San Francisco	PGE	MF	Sequoia Equities	11/20/2013	4	6/24/2014	12/24/2015	
44 Trinity House Apartments	1812 Trinity Avenue	Walnut Creek	PGE	MF	Sequoia Equities	11/20/2013	2	5/15/2014	11/15/2015	

Name	Street Address	City	IOU	Type	Host	Contract Date	Stubs	Start-up	
								Completion Date	Period End Date
45 Silicon Image	1140 Arques Ave.	Sunnyvale	PGE	WP	Silicon Image, Inc.	4/2/2014	10	6/24/2014	12/24/2015
46 Emery Station Joint Venture	5858 Horton	Emeryville	PGE	WP	Wareham Development	4/10/2014	10	8/29/2014	2/29/2016
47 Emery Station Office II	5980 Horton	Emeryville	PGE	WP	Wareham Development	4/10/2014	6	7/25/2014	1/25/2016
48 Butte College - Chico Campus	2320 Forest Ave	Chico	PGE	WP	Butte College	6/24/2014	10	9/10/2014	3/10/2016
49a Uptown District (Array 1)	1250-1270 Cleveland Ave.	San Diego	SDGE	MF	Uptown District Owner's Association	1/14/2014	10	10/10/2014	4/10/2016
49b Uptown District (Array 2)	1250-1270 Cleveland Ave.	San Diego	SDGE	MF	Uptown District Owner's Association	1/14/2014	10	10/10/2014	4/10/2016
49c Uptown District (Array 3)	1250-1270 Cleveland Ave.	San Diego	SDGE	MF	Uptown District Owner's Association	1/14/2014	8	10/10/2014	4/10/2016
50 Lake Merced Hills	1100 Lake Merced Blvd.	San Francisco	PGE	MF	Lake Merced Hills HOA	10/6/2014	16	12/4/2014	6/4/2016
51 The Marke	100 E. MacArthur Blvd	Santa Ana	SCE	MF	Lyon Communities	6/9/2014	10	9/26/2014	3/26/2016
52 Crossroads Phase I	9085 Judicial Dr.	San Diego	SDGE	MF	Garden Communities, Inc.	7/15/2014	10	10/6/2014	4/6/2016
53 360 Residences	360 S. Market St.	San Jose	PGE	MF	Pinnacle Family	8/29/2014	10	11/6/2014	5/6/2016
54 Mason O'Farrell Garage	325 Mason	San Francisco	PGE	WP	Harsch Investment Properties	5/2/2014	10	10/1/2014	4/1/2016
55 District Administrative Complex	333 East 8th Street	Oakland	PGE	WP	Peralta Community College District	5/24/2014	10	10/28/2014	4/28/2016
56 The Highlands Apt Homes	11750 Mt. Vernon Ave	Grand Terrace	SCE	MF	Sequoia Equities	1/22/2014	9	10/16/2014	4/16/2016
57 Portofino	2500 Northside drive	San Diego	SDGE	MF	H.G. Fenton	4/30/2014	9	11/10/2014	5/10/2016
58 National Academy of Recording Arts and Sciences	3030 Olympic Blvd.	Santa Monica	SCE	WP	Jamestown Company	9/29/2014	8	11/19/2014	5/19/2016
59 Lantana South	3301 Exposition Blvd.	Santa Monica	SCE	WP	Jamestown Company	9/29/2014	8	11/12/2014	5/12/2016
60 Lantana West	2900 Olympic Blvd.	Santa Monica	SCE	WP	Jamestown Company	9/29/2014	8	11/26/2014	5/26/2016
61 Riverfront	750 Camino de la Reina	San Diego	SDGE	MF	H.G. Fenton	4/30/2014	8	9/11/2014	3/11/2016
62 El Dorado Hills - East	3828 Pendiente Ct.	San Diego	SDGE	MF	H.G. Fenton	4/30/2014	8	10/1/2014	4/1/2016
63 Alize Apartments	2 Enterprise	Aliso Viejo	SCE	MF	Sequoia Equities	11/20/2013	8	10/10/2014	4/10/2016
64 Tierrasanta Ridge	5410 Repecho Drive	San Diego	SDGE	MF	H.G. Fenton	4/30/2014	8	10/31/2014	4/30/2016
65 Emery Station East	5885 Hollis St.	Emeryville	PGE	WP	Wareham Development	4/10/2014	8	11/14/2014	5/14/2016
66 Wareham - 503 Canal	503 Canal St.	Richmond	PGE	WP	Wareham Development	11/4/2014	8	11/14/2014	5/14/2016
67 Samsung	18600 S. Broadwick St.	Rancho Dominguez	SCE	WP	Samsung Electronics America	10/27/2014	6	12/15/2014	6/15/2016
68 Levecke Corporation	10810 Inland Ave.	Mira Loma	SCE	WP	Levecke Corporation	9/22/2014	6	11/5/2014	5/5/2016
69 Coca-Cola, Downy	8729 Cleta St.	Downey	SCE	WP	The Coca-Cola Company	10/3/2014	6	11/29/2014	5/29/2016
70 Aquaterra	5777 Mission Center Rd.	San Diego	SDGE	MF	H.G. Fenton	4/30/2014	6	9/17/2014	3/17/2016
71 Sea Gate - East	6555 Seagate Road	Carlsbad	SDGE	MF	H.G. Fenton	4/30/2014	4	10/30/2014	4/30/2016
72 Paloma Summit Apartments	26371 Paloma	Foothill Ranch	SDGE	MF	Sequoia Equities	11/20/2013	4	10/16/2014	4/16/2016
73 Club River Run Apartments	10041 Rio San Diego Dr.	San Diego	SDGE	MF	H.G. Fenton	4/30/2014	4	10/30/2014	4/30/2016
74 Columbia Lofts	1941 Columbia St.	San Diego	SDGE	MF	WestVentures LP	8/20/2013	3	9/26/2014	3/26/2016
75 FedEx Building	5391 Rickenbacker Rd.	Bell	SCE	WP	Pacific Industrial	7/14/2014	2	9/9/2014	3/9/2016
76 Parcel G	5391 Rickenbacker Rd.	Bell	SCE	WP	Pacific Industrial	7/14/2014	2	9/9/2014	3/9/2016
77 Parcel H	5630 Rickenbacker Rd.	Bell	SCE	WP	Pacific Industrial	7/14/2014	2	9/9/2014	3/9/2016
78a Sea Gate - West (Array 1)	6556 Seagate Road	Carlsbad	SDGE	MF	H.G. Fenton	4/30/2014	10	2/25/2015	8/25/2016
78b Sea Gate - West (Array 2)	6557 Seagate Road	Carlsbad	SDGE	MF	H.G. Fenton	5/1/2014	10	2/26/2015	8/26/2016
78c Sea Gate - West (Array 3)	6558 Seagate Road	Carlsbad	SDGE	MF	H.G. Fenton	5/2/2014	10	2/27/2015	8/27/2016
78d Sea Gate - West (Array 4)	6559 Seagate Road	Carlsbad	SDGE	MF	H.G. Fenton	5/3/2014	6	2/28/2015	8/28/2016
79 The Uptown Apartments	600 William St.	Oakland	PGE	MF	Uptown Housing Partners, LP	2/12/2014	16	3/4/2015	9/4/2016
80 2311 Rosecrans Ave.	2311 Rosecrans Ave.	El Segundo	SCE	WP	Continental Development Corporation	1/16/2014	10	1/15/2015	7/15/2016
81 870 S. Nash St.	870 S. Nash St.	El Segundo	SCE	WP	Continental Development Corporation	1/16/2014	10	1/15/2015	7/15/2016
82 871 S. Nash St.	872 S. Nash St.	El Segundo	SCE	WP	Continental Development Corporation	1/16/2014	6	1/15/2015	7/15/2016
83 2371 Rosecrans Ave.	2371 Rosecrans Ave.	El Segundo	SCE	WP	Continental Development Corporation	1/16/2014	10	1/15/2015	7/15/2016
84 860 Apollo St.	860 Apollo St.	El Segundo	SCE	WP	Continental Development Corporation	1/16/2014	10	1/15/2015	7/15/2016
85 NRG Mandalay	393 N Harbor Blvd	Oxnard	SCE	WP	NRG	10/17/2014	10	2/18/2015	8/18/2016
86 Sony Electronics	16535 Villa Esprillo	San Diego	SDGE	WP	Sony Electronics	9/29/2014	10	2/19/2015	8/19/2016
87 Enso	175 Baypointe Parkway	San Jose	PGE	MF	Fairfield Residential	7/9/2014	10	1/19/2015	7/19/2016
88 The Presidio Landmark	1801 Wedemeyer St.	San Francisco	PGE	MF	Forest City	1/15/2014	10	1/12/2015	7/12/2016
89 Ariba	310 Hermosa Ct	Sunnyvale	PGE	WP	Ariba	6/17/2014	10	1/23/2015	7/23/2016
90 Hartnell Community College 1	411 Central Ave	Salinas	PGE	WP	Hartnell Community College	12/5/2014	10	2/18/2015	8/18/2016
91 Hartnell Community College - King City Center	117 N. Second Street,	King City	PGE	WP	Hartnell Community College	12/5/2014	4	2/18/2015	8/18/2016
92 Napa Valley Community College: Napa Campus	2277 Napa-Vallejo Highway	Napa	PGE	WP	Napa Valley Community College	12/1/2014	10	3/4/2015	9/4/2016

Name	Street Address	City	IOU	Type	Host	Contract Date	Stubs	Start-up	
								Completion Date	Period End Date
93 Napa Valley Community College: Helena Campus	1088 College Avenue	Saint Helena	PGE	WP	Napa Valley Community College	12/1/2014	10	3/4/2015	9/4/2016
94 Verdant	3700 Casa Verde Street	San Jose	PGE	MF	Fairfield Residential	7/9/2014	8	1/19/2015	7/19/2016
95 Coca-Cola, San Leandro	14655 Wicks Blvd.	San Leandro	PGE	WP	Coca-Cola	10/3/2014	8	1/12/2015	7/12/2016
96 Shadow Ridge Apartments	1987 Ridgeway Lane	Simi Valley	SCE	MF	Sequoia Equities	11/20/2013	6	12/15/2014	6/15/2016
97 The Villas at Wood Ranch	241 Country Club Drive	Simi Valley	SCE	MF	Sequoia Equities	11/21/2013	6	12/15/2014	6/15/2016
98 Overlook at Wood Ranch	241 Country Club Drive	Simi Valley	SCE	MF	Sequoia Equities	11/22/2013	2	12/15/2014	6/15/2016
99 Hidden Hills Apartments	30041 Tessier Street	Laguna Niguel	SCE	MF	Sequoia Equities	11/23/2013	6	3/2/2015	9/2/2016
100 Niguel Summit Apartments	30252 Pacific Island Dr	Laguna Niguel	SCE	MF	Sequoia Equities	11/24/2013	6	3/2/2015	9/2/2016
101 Coronado Shores	1820 Avenida del Mundo	Coronado	SDGE	MF	Coronado Shores # 9 El Mirador HOA	12/22/2014	5	2/6/2015	8/6/2016
102 Scripps Corporate Plaza	10680 Treena Street	San Diego	SDGE	WP	Cushman and Wakefield	1/29/2015	5	1/30/2015	7/30/2016
103 Ormond Beach Generating Station	6635 Edison Dr.	Oxnard	SCE	WP	NRG	7/15/2014	4	2/18/2015	8/18/2016
104 El Segundo Generating Station	301 VISTA DEL MAR	El Segundo	SCE	WP	NRG	8/22/2014	4	2/18/2015	8/18/2016
105 Long Beach Generating Station	2665 Pier S Lane Terminal Island	Long Beach	SCE	WP	NRG	7/1/2014	4	2/18/2015	8/18/2016
106 Solana Highlands	701 South Nardo	Solana Beach	SDGE	MF	H.G. Fenton	4/30/2014	4	12/6/2014	6/6/2016
107 Scripps Landing	9970 Erma Road	San Diego	SDGE	MF	H.G. Fenton	4/30/2014	4	2/11/2015	8/11/2016
108 Encina Generating Station	4600 Carlsbad Blvd.	Carlsbad	SDGE	WP	NRG	7/25/2014	4	2/18/2015	8/18/2016
109 Field House at Bay Meadows	380 East 28th Ave.	San Mateo	PGE	MF	Wilson Meany	10/17/2013	4	1/14/2015	7/14/2016
110 Odwalla	2996 Alvarado St.	San Leandro	PGE	WP	Coca-Cola	10/3/2014	4	1/12/2015	7/12/2016
111 Walnut Creek Energy Park	911 Bixby Drive	City of Industry	SCE	WP	NRG	9/18/2014	2	2/18/2015	8/18/2016
112 BBI Construction	1155 3rd st	Oakland	PGE	WP	BBI Construction	1/14/2015	2	2/18/2015	8/18/2016
113 Avana San Clemente	1100 Calle Del Cerro	San Clemente	SCE	MF	Greystar	9/29/2014	10	5/8/2015	11/8/2016
114 Heritage Springs	12257 Heritage Springs Dr.	Santa Fe Springs	SCE	MF	Fairfield Residential	2/19/2015	10	6/2/2015	12/2/2016
115 1500 Rosecrans	1500 Rosecrans	El Segundo	SCE	WP	Continental Development Corporation	5/13/2015	10	6/2/2018	12/2/2019
116 1888 Rosecrans Blvd.	1888 Rosecrans Blvd.	El Segundo	SCE	WP	Continental Development Corporation	4/10/2015	10	6/2/2015	12/2/2016
117 Urbana	450 Tenth Ave.	San Diego	SDGE	MF	HG Fenton	12/16/2014	10	3/13/2015	9/13/2016
118 Avana La Jolla	7039 Charmant Dr.	La Jolla	SDGE	MF	Greystar	9/29/2014	10	5/6/2015	11/6/2016
119 SummerHouse	2303 Ocean Street	Carlsbad	SDGE	MF	Zephyr Partners	1/20/2015	10	6/4/2015	12/4/2016
120 199 New Montgomery HOA	199 New Montgomery St.	San Francisco	PGE	MF	199 New Montgomery HOA	2/23/2015	10	5/8/2015	11/8/2016
121 Laney College	900 Fallon Street	Oakland	PGE	WP	Peralta Community College District	3/11/2014	10	5/19/2015	11/19/2016
122 Abbott Medical Optics	510 Cottonwood Drive	Milpitas	PGE	WP	Abbott Medical Optics	9/16/2014	10	3/31/2015	9/30/2016
123 Sunrise Power Company	12857 Sunrise Power Rd.	Fellows	SCE	WP	Sunrise Power Company	11/19/2014	8	5/21/2015	11/21/2016
124 Villagio	16301 Butterfield Ranch Rd.	Chino Hills	SDGE	MF	Fairfield Residential	2/19/2015	8	6/1/2015	12/1/2016
125 500 Orange	500 N. State College Blvd.	Orange	SCE	WP	Lincoln Properties	2/25/2015	7	5/21/2015	11/21/2016
126 Aquatic Park Center	725 Potter St.	Berkeley	PGE	WP	Wareham Development	8/15/2014	6	5/28/2015	11/28/2016
127 999 Anthony	999 Anthony St.	Berkeley	PGE	WP	Wareham Development	8/28/2014	6	5/5/2015	11/5/2016
128 Sherman Woods HOA	1500 Sherman Ave	Burlingame	PGE	MF	Sherman Woods HOA	2/4/2015	5	3/27/2015	9/27/2016
129 9000 Clifton Way	9000 Clifton Way	Beverly Hills	SCE	MF	David Finkelstein	2/5/2015	4	4/20/2015	10/20/2016
130 KPI Ultrasound Inc.	23865 Via Del Rio	Yorba Linda	SCE	WP	KPI Medical	2/11/2015	4	3/31/2015	9/30/2016
131 Bella Del Mar	14031 Mango Dr.	Del Mar	SDGE	MF	H.G. Fenton	4/30/2014	4	3/13/2015	9/13/2016
132 Etiwanda	8996 Etiwanda Ave.	Rancho Cucamonga	SCE	WP	NRG	11/4/2014	2	5/18/2015	11/18/2016
133 Centra Freight Services	5140 W. 104th St.	Inglewood	SCE	WP	Centra Freight Services	4/23/2015	2	5/29/2015	11/29/2016
134 PAX Water	860 Harbour Way South	Richmond	PGE	WP	PAX Water	2/20/2015	2	3/27/2015	9/27/2016
135 Bayside Commons HOA	535 Pierce Street	Albany	PGE	MF	Bayside Commons HOA	4/28/2015	15	7/29/2015	1/29/2017
136 Ocean Club	300 Village Center Dr.	Redondo Beach	SCE	MF	Lyon Communities	5/28/2015	14	7/31/2015	1/31/2017
137 Breakwater	13900 Fiji Way	Marina Del Rey	SCE	MF	Equity Residential	4/29/2015	10	7/29/2015	1/29/2017
138 Casa Mira View II	11195 Westview Pkwy	San Diego	SDGE	MF	Garden Communities, Inc.	5/14/2014	10	6/19/2015	12/19/2016
139 Legacy - Nineteen800	19800 Vallco Parkway	Cupertino	PGE	MF	Legacy Partners	5/8/2015	10	7/24/2015	1/24/2017
140 Bayside Village - 500 Beale	500 Beale	San Francisco	PGE	MF	Forest City	5/29/2015	10	8/28/2015	2/28/2017
141 Bayside Village - 160 Brannan	160 Brannan St.	San Francisco	PGE	MF	Forest City	5/29/2015	10	8/28/2015	2/28/2017
142 Bayside Village - 2 Bayside Village	2 Bayside Village Place	San Francisco	PGE	MF	Forest City	5/29/2015	10	8/28/2015	2/28/2017
143 555 YVR HOA	555 Ygnacio Valley Road	Walnut Creek	PGE	MF	555 YVR Owners Association	5/5/2015	10	7/31/2015	1/31/2017
144 Monarch Coast	32400 Crown Valley Pkwy	Dana Point	SDGE	MF	Lyon Communities	5/28/2015	10	8/21/2015	2/21/2017
145 1200 Lakeshore Apartments	1200 Lakeshore Ave.	Oakland	PGE	MF	Diamond Properties	7/8/2015	10	9/3/2015	3/3/2017



<u>Name</u>	<u>Street Address</u>	<u>City</u>	<u>IOU</u>	<u>Type</u>	<u>Host</u>	<u>Contract Date</u>	<u>Stubs</u>	<u>Start-up</u>	
								<u>Completion Date</u>	<u>Period End Date</u>
146 Via Del Campo	16761 Via Del Campo Court	Rancho Bernardo	SDGE	WP	General Atomics	6/9/2015	10	8/17/2015	2/17/2017
147 The Culver Studios	9336 W Washington Blvd	Culver City	SCE	WP	The Culver Studios	5/28/2015	10	7/15/2015	1/15/2017
148 City Hall	9770 Culver Blvd.	Culver City	SCE	WP	City of Culver City	7/17/2015	8	9/4/2015	3/4/2017
149 Knollbrook Falls	5711 Ravenspur Dr.	Rancho Palos Verdes	SCE	MF	Gardner Company	6/16/2015	7	8/21/2015	2/21/2017
150 1 South Park	1 South Park St.	San Francisco	PGE	MF	Titan Management	6/2/2015	6	9/4/2015	3/4/2017
151 Palos Verdes Terraces	5762 Ravenspur Dr.	Rancho Palos Verdes	SCE	MF	Gardner Company	6/16/2015	4	8/10/2015	2/10/2017
152 Adagio on the Green	26170 Country Club Dr.	Mision Viejo	SDGE	MF	Greystar	6/24/2015	2	7/13/2015	1/13/2017
153 Peninsula Apartments - 5757 Ravenspur	5757 Ravenspur Dr.	Rancho Palos Verdes	SCE	MF	Gardner Company	6/16/2015	2	8/11/2015	2/11/2017
154 Peninsula Apartments - 5727 Ravenspur	5727 Ravenspur Dr.	Rancho Palos Verdes	SCE	MF	Gardner Company	6/16/2015	2	8/11/2015	2/11/2017
155 Century 21 San Moritz Realty	24118 Lake Drive	Crestline	SCE	WP	Century 21 San Moritz Realty	5/20/2015	2	8/25/2015	2/25/2017
156 Ocean House	24065 Ocean Ave.	Torrance	SCE	MF	Gardner Company	6/16/2015	1	7/27/2015	1/27/2017
157 Park Terrace- 206 Park Blvd	206 Park Blvd	San Diego	SDGE	MF	Park Terrace East Village HOA	6/2/2015	10	10/9/2015	4/9/2017
158 Park Terrace- 253 10th Ave.	253 10th Ave.	San Diego	SDGE	MF	Park Terrace East Village HOA	6/2/2015	10	10/9/2015	4/9/2017
159 Sudberry - West Park I Building A	7777 Westside Drive	San Diego	SDGE	MF	Sudberry	6/8/2015	10	10/9/2015	4/9/2017
160 Los Positas Community College - Lot H	3000 Campus Hill Dr.	Livermore	PGE	Publ Int	Chabot - Los Positas Community College District	10/1/2015	10	10/30/2015	4/30/2017
161 Los Positas Community College - Lot AA	3000 Campus Hill Dr.	Livermore	PGE	Publ Int	Chabot - Los Positas Community College District	10/1/2015	10	10/30/2015	4/30/2017
162 Butte College - Amphitheater	3536 Butte Campus Dr	Oroville	PGE	Publ Int	Butte College	6/24/2014	10	10/12/2015	4/12/2017
163 Butte College - Sky Way Center	2480 Notre Dame Blvd.	Oroville	PGE	Publ Int	Butte College	6/24/2014	10	10/16/2015	4/16/2017
164 Lyon Amalfi	500 Amalfi Loop	Milpitas	PGE	MF	Lyon Communities	2/5/2015	10	11/20/2015	5/20/2017
165 Avalon Bay- Cortez Hill	1399 9th Ave.	San Diego	SDGE	MF	Avalon Bay	3/30/2015	10	10/14/2015	4/14/2017
166 Lyon- Gallery 421	421 W. Broadway	Long Beach	SCE	MF	Lyon Communities	6/2/2015	10	9/23/2015	3/23/2017
167 Lyon- 1900 Ocean	1900 E. Ocean Blvd.	Long Beach	SCE	MF	Lyon Communities	4/29/2015	10	10/15/2015	4/15/2017
168 Albertsons Fullerton	1421 Manhattan Avenue	Fullerton	SCE	WP	Albertsons	6/8/2015	10	10/15/2015	4/15/2017
169 Equity - Marina 41	4157 Via Marina	Marina Del Rey	SCE	MF	Equity Residential	4/9/2015	10	9/29/2015	3/29/2017
170 Neighborhood Partnership Housing Services, Inc.	9551 Pittsburgh Ave	Rancho Cucamonga	SCE	Publ Int	Neighborhood Partnership Housing Services, Inc.	5/11/2015	6	8/4/2015	2/4/2017
171 Equity - SOMA Square	333 3rd St.	San Francisco	PGE	MF	Equity Residential	8/7/2015	10	11/3/2015	5/3/2017

**Total: 1332**

**Appendix D-1**

**Shared Statistical Usage Data – Usage by Charger**

See attached.

## Appendix D-1: DC Fast Charger Usage Data

### Regional Summary Reporting Period: 12/6/2014 – 12/5/2015

Region	Site Locations	Assets	Sessions	Energy (kWh)	Duration (hrs)
San Francisco Bay Area	38	83	129,776	1,339,610	52,117.1
San Diego County	12	26	26681	293806	10646.0
Los Angeles Basin	46	91	84627	889873	32892.6
San Joaquin Valley	9	17	3179	31998	1255.2
<b>Total</b>	<b>105</b>	<b>217</b>	<b>244,263</b>	<b>2,555,287</b>	<b>96,910.9</b>

### San Francisco Bay Area Reporting Period: 12/6/2014 – 12/5/2015

Charger Type	Name	Asset	Address	Operational Date	Users <sup>1</sup>	Sessions	Energy (kWh)	Duration (hrs)
DC	Westlake Shopping Center	NCAN161DC1	75 Southgate Ave., Daly City, 94015	6/24/2013	300	3,175	47,461	1,347.7
DC	Westlake Shopping Center	NCAT161DC1	75 Southgate Ave., Daly City, 94015	6/24/2013	236	1,869	16,425	809.1
DC	Whole Foods Fremont	NCAN164DC1	3111 Mowry Ave., Fremont, 94538	9/25/2013	480	2,532	37,553	1,071.4
DC	Whole Foods Fremont	NCAT164DC1	3111 Mowry Ave., Fremont, 94538	9/25/2013	817	6,133	52,085	2,417.4
DC	Whole Foods Fremont	NCAT164DC2	3111 Mowry Ave., Fremont, 94538	9/25/2013	703	4,212	37,032	1,712.8
DC	Whole Foods SF	NCAN177DC1	2001 Market Street, San Francisco, 94114	11/7/2013	407	2,066	29,161	829.4
DC	Whole Foods SF	NCAT177DC1	2001 Market Street, San Francisco, 94114	11/7/2013	370	2,281	20,608	892.7
DC	Vacaville Premium Outlets	NCAN176DC1	321 Nut Tree Road, Vacaville, 95687	11/20/2013	244	1,005	14,445	410.6
DC	Vacaville Premium Outlets	NCAT176DC1	321 Nut Tree Road, Vacaville, 95687	11/20/2013	323	1,640	15,254	651.7
DC	Livermore Premium Outlets	NCAN181DC1	2774 Paragon Outlets Drive, Livermore, 94551	1/13/2014	349	1,394	20,290	577.3
DC	Livermore Premium Outlets	NCAT181DC1	2774 Paragon Outlets Drive, Livermore, 94551	1/13/2014	507	2,399	20,914	972.9
DC	Walgreens SF	NCAN182DC1	1175 Columbus, San Francisco, 94133	3/5/2014	209	1,304	18,348	522.1
DC	Walgreens SF	NCAT182DC1	1175 Columbus, San Francisco, 94133	3/5/2014	306	2,118	18,686	875.5

<sup>1</sup> The User count does not include users who received charges remotely activated by the NRG call center.

Charger Type	Name	Asset	Address	Operational Date	Users <sup>1</sup>	Sessions	Energy (kWh)	Duration (hrs)
DC	Walgreens SF	NCAT182DC2	1175 Columbus, San Francisco, 94133	3/5/2014	15	23	193	10.1
DC	Public Market	NCAN184DC1	5959 Shellmound St., Emeryville, 94608	12/30/2013	479	3,184	44,937	1,274.4
DC	Public Market	NCAT184DC1	5959 Shellmound St., Emeryville, 94608	12/30/2013	540	4,029	34,239	1,546.4
DC	The Mall at Northgate	NCAN185DC1	2150 Northgate Dr., San Rafael, 94903	12/25/2013	257	1,274	17,089	488.2
DC	The Mall at Northgate	NCAT185DC1	2150 Northgate Dr., San Rafael, 94903	12/25/2013	297	2,129	18,383	864.0
DC	The Village at Corte Madera	NCAN206DC1	1618 Redwood Hwy, Corte Madera, 94925	3/25/2014	218	695	10,263	290.7
DC	The Village at Corte Madera	NCAT206DC1	1618 Redwood Hwy, Corte Madera, 94925	3/25/2014	274	1,454	13,771	599.3
DC	Whole Foods Cupertino	NCAN220DC1	20955 Stevens Creek Blvd, Cupertino, 95014	4/29/2014	605	2,539	36,789	1,041.6
DC	Whole Foods Cupertino	NCAT220DC1	20955 Stevens Creek Blvd, Cupertino, 95014	4/29/2014	628	4,009	33,651	1,587.1
DC	Whole Foods Novato	NCAN190DC1	790 De Long Ave, Novato, 94945	3/3/2014	191	1,024	15,074	428.8
DC	Whole Foods Novato	NCAT190DC1	790 De Long Ave, Novato, 94945	3/3/2014	189	1,314	11,755	519.2
DC	Whole Foods Telegraph Ave	NCAN208DC1	3000 Telegraph Ave, Berkeley, 94705	4/2/2014	229	1,201	16,942	482.1
DC	Whole Foods Telegraph Ave	NCAT208DC1	3000 Telegraph Ave, Berkeley, 94705	4/2/2014	501	3,820	30,787	1,445.9
DC	Whole Foods Berkeley	NCAN356DC1	1025 Gilman, Berkeley, 94710	11/12/2014	255	1,664	23,808	677.9
DC	Whole Foods Berkeley	NCAT356DC1	1025 Gilman, Berkeley, 94710	11/12/2014	556	4,255	33,410	1,678.7
DC	Whole Foods Berkeley	NCAT356DC2	1025 Gilman, Berkeley, 94710	11/12/2014	294	1,400	11,366	581.8
DC	Whole Foods San Jose	NCAN373DC1	777 The Alameda, San Jose, 95216	12/5/2014	201	910	13,551	385.9
DC	Whole Foods San Jose	NCAT373DC1	777 The Alameda, San Jose, 95216	12/5/2014	566	3,034	25,345	1,228.4
DC	Whole Foods San Jose	NCAT373DC2	777 The Alameda, San Jose, 95216	12/5/2014	390	1,620	14,106	665.2
DC	Linda Mar	NCAN300DC1	1227 Linda Mar Shopping Center, Pacifica, 94044	8/29/2014	74	274	3,912	111.5
DC	Linda Mar	NCAT300DC1	1227 Linda Mar Shopping Center, Pacifica, 94044	8/29/2014	99	456	3,891	171.4
DC	Whole Foods Lafayette	NCAT368DC1	3502 Mt. Diablo Blvd, Lafayette, 94549	12/5/2014	371	3,111	27,153	1,125.4
DC	Whole Foods Lafayette	NCAN368DC1	3502 Mt. Diablo Blvd, Lafayette, 94549	12/5/2014	255	1,615	20,999	599.9
DC	Whole Foods Lafayette	T368DC1	3502 Mt. Diablo Blvd, Lafayette, 94549	12/5/2014	5	8	65	2.9
DC	Whole Foods Los Altos	NCAT247DC1	4800 El Camino Real, Los Altos, 94022	6/5/2014	356	1,462	11,779	585.6
DC	Whole Foods Los Altos	NCAN247DC1	4800 El Camino Real, Los Altos, 94022	6/5/2014	488	2,276	32,129	915.0
DC	Rose Pavilion	NCAN343DC1	3903 Santa Rita Rd., Pleasanton, 94588	11/11/2014	282	1,903	25,240	721.2
DC	Rose Pavilion	NCAT343DC1	3903 Santa Rita Rd., Pleasanton, 94588	11/11/2014	379	3,120	24,908	1,163.9
DC	Great Mall	NCAN239DC1	447 Great Mall Dr, Milpitas, 95035	6/24/2014	339	1,368	20,807	597.4
DC	Great Mall	NCAT239DC1	447 Great Mall Dr, Milpitas, 95035	6/24/2014	822	5,757	50,173	2,439.8
DC	Great Mall	NCAT239DC2	447 Great Mall Dr, Milpitas, 95035	6/24/2014	590	3,496	32,056	1,512.5
DC	Whole Foods Santa Rosa	NCAN299DC1	733 Coddington Center, Santa Rosa, 95401	8/29/2014	153	841	12,272	350.4
DC	Whole Foods Santa Rosa	NCAT299DC1	733 Coddington Center, Santa Rosa, 95401	8/29/2014	250	2,160	18,066	811.3

<sup>1</sup> The User count does not include users who received charges remotely activated by the NRG call center.

Charger Type	Name	Asset	Address	Operational Date	Users <sup>1</sup>	Sessions	Energy (kWh)	Duration (hrs)
DC	Petaluma Outlets	NCAN256DC1	2200 Petaluma Blvd North, Petaluma, 94952	8/11/2014	113	490	6,735	191.9
DC	Petaluma Outlets	NCAT256DC1	2200 Petaluma Blvd North, Petaluma, 94952	8/11/2014	195	827	7,453	312.0
DC	Nob Hill Foods Mountain View	NCAT251DC1	1250 Grant Rd, Mountain View, 94040	7/14/2014	670	3,573	29,074	1,440.4
DC	Nob Hill Foods Mountain View	NCAT251DC2	1250 Grant Rd, Mountain View, 94040	7/14/2014	541	2,934	24,818	1,177.6
DC	Nob Hill Foods Mountain View	NCAN251DC1	1250 Grant Rd, Mountain View, 94040	7/14/2014	387	2,308	33,895	964.8
DC	Crossroads	NCAN232DC1	2316 Monument Blvd, Pleasant Hill, 94523	5/29/2014	243	1,539	22,718	644.8
DC	Crossroads	NCAT232DC1	2316 Monument Blvd, Pleasant Hill, 94523	5/29/2014	206	1,004	9,166	399.2
DC	Santa Rosa Plaza	NCAT369DC1	1071 Santa Rosa Plaza, Santa Rosa, 95401	12/1/2014	135	728	6,650	304.5
DC	Napa Outlets	NCAT402DC1	629 Factory Stores Drive, Napa, 94558	1/30/2015	117	798	6,537	290.4
DC	Whole Foods Redwood City	NCAN352DC1	1250 Jefferson Ave, Redwood City, 94062	3/16/2015	237	1,016	12,730	362.9
DC	Whole Foods Redwood City	NCAT352DC1	1250 Jefferson Ave, Redwood City, 94062	3/16/2015	435	1,892	15,624	714.6
DC	Gateway Plaza-Vallejo	NCAN399DC1	173 Plaza Drive, Vallejo, 94591	5/5/2015	119	399	5,729	161.6
DC	Gateway Plaza-Vallejo	NCAT399DC1	173 Plaza Drive, Vallejo, 94591	5/5/2015	158	981	8,603	410.8
DC	F&E Hayward	NCAN441DC1	19691 Hesperian Blvd, Hayward, 94541	5/5/2015	109	379	5,115	144.9
DC	F&E Hayward	NCAT441DC1	19691 Hesperian Blvd, Hayward, 94541	5/5/2015	233	1,032	9,337	408.4
DC	Stoneridge Mall	NCAN510DC1	1700 Stoneridge Mall Rd, Pleasanton, 94588	5/5/2015	152	490	6,871	194.5
DC	Stoneridge Mall	NCAT510DC1	1700 Stoneridge Mall Rd, Pleasanton, 94588	5/5/2015	322	1,442	13,033	608.8
DC	Whole Foods Dublin	NCAN511DC1	5200 Dublin Boulevard, Dublin, 94568	6/25/2015	146	313	4,438	125.7
DC	Whole Foods Dublin	NCAT511DC1	5200 Dublin Boulevard, Dublin, 94568	6/25/2015	412	2,727	24,125	1,083.2
DC	City of San Mateo	NCAT535DC1	385 1st Ave, San Mateo, 94401	8/4/2015	260	1,153	10,016	461.0
DC	City of San Mateo	NCAT535DC2	385 1st Ave, San Mateo, 94401	8/4/2015	278	1,292	11,341	530.3
DC	Fresh & Easy Sunnyvale	NCAB486DC1	1180 N Fair Oaks Ave, Sunnyvale, 94089	8/4/2015	179	1,010	9,827	421.0
DC	Fresh & Easy Sunnyvale	NCAB486DC2	1180 N Fair Oaks Ave, Sunnyvale, 94089	8/4/2015	161	606	5,922	249.6
DC	Nob Hill Watsonville	NCAN591DC1	1912 Main Street, Watsonville, 95076	9/9/2015	7	8	87	3.2
DC	Nob Hill Watsonville	NCAT591DC1	1912 Main Street, Watsonville, 95076	9/9/2015	21	57	558	23.4
DC	Whole Foods Santa Cruz	NCAB648DC1	911 Soquel Avenue, Santa Cruz, 95062	9/9/2015	80	204	2,110	82.5
DC	Whole Foods Santa Cruz	NCAB648DC2	911 Soquel Avenue, Santa Cruz, 95062	9/9/2015	70	179	1,772	70.4
DC	Whole Foods San Francisco (Potrero Hill)	NCAN628DC1	50 Rhode Island St, San Francisco, 94107	10/13/2015	39	62	852	24.2
DC	Whole Foods San Francisco (Potrero Hill)	NCAT628DC1	50 Rhode Island St, San Francisco, 94107	10/13/2015	142	564	4,924	219.3
DC	Gilroy Premium Outlets	NCAB610DC1	681 Leavesley Rd, Gilroy, 95020	11/17/2015	43	93	1,088	43.1
DC	Gilroy Premium Outlets	NCAB610DC2	681 Leavesley Rd, Gilroy, 95020	11/17/2015	53	89	1,039	40.2

<sup>1</sup> The User count does not include users who received charges remotely activated by the NRG call center.

Charger Type	Name	Asset	Address	Operational Date	Users <sup>1</sup>	Sessions	Energy (kWh)	Duration (hrs)
DC	San Francisco Premium Outlets	NCAT658DC1	2774 Livermore Outlets Drive, Livermore, 94551	11/17/2015	-	-	-	-
DC	San Francisco Premium Outlets	NCAT658DC2	2774 Livermore Outlets Drive, Livermore, 94551	11/17/2015	-	-	-	-
DC	Lucky Fremont	NCAT605DC1	5000 Mowry Ave., Fremont, 94538	12/2/2015	11	13	105	4.8
DC	Lucky Fremont	NCAT605DC2	5000 Mowry Ave., Fremont, 94538	12/2/2015	5	9	73	4.2
DC	Lucky Fremont	NCAT605DC3	5000 Mowry Ave., Fremont, 94538	12/2/2015	5	5	36	2.0
DC	Lucky Fremont	NCAT605DC4	5000 Mowry Ave., Fremont, 94538	12/2/2015	7	7	38	2.4

<sup>1</sup> The User count does not include users who received charges remotely activated by the NRG call center.

## San Diego County Reporting Period: 12/6/2014 – 12/5/2015

Charger Type	Name	Asset	Address	Operational Date	Users <sup>1</sup>	Sessions	Energy (kWh)	Duration (hrs)
DC	Fashion Valley	SCAN165DC1	7007 Friars Road , San Diego, 92108	9/30/2013	332	1,644	23,181	659.9
DC	Fashion Valley	SCAT165DC1	7007 Friars Road , San Diego, 92108	9/30/2013	181	1,436	13,839	613.5
DC	Las Americas Premium Outlets	SCAN173DC1	4211 Camino De La Plaza , San Diego, 92173	10/29/2013	69	190	3,204	90.7
DC	Las Americas Premium Outlets	SCAT173DC1	4211 Camino De La Plaza , San Diego, 92173	10/29/2013	62	356	3,317	144.3
DC	Flower Hill Promenade	SCAN179DC1	2600 Via De La Valle , Del Mar, 92069	12/20/2013	235	1,368	19,418	553.1
DC	Flower Hill Promenade	SCAT179DC1	2600 Via De La Valle , Del Mar, 92069	12/20/2013	224	1,401	12,473	563.2
DC	Carlsbad Premium Outlets	SCAN180DC1	5620 Paseo Del Norte , Carlsbad, 92008	12/16/2013	192	974	14,022	399.7
DC	Carlsbad Premium Outlets	SCAT180DC1	5620 Paseo Del Norte , Carlsbad, 92008	12/16/2013	322	1,461	12,476	591.9
DC	Carlsbad Premium Outlets	SCAT180DC2	5620 Paseo Del Norte , Carlsbad, 92008	12/16/2013	335	1,706	14,986	673.6
DC	Broadway Plaza	SCAN178DC1	1166 Broadway, Chula Vista, 91911	8/7/2015	77	533	7,668	217.7
DC	Broadway Plaza	SCAT178DC1	1166 Broadway, Chula Vista, 91911	8/7/2015	79	691	6,600	267.1
DC	SDG&E Innovation Center	SCAN187DC1	4750 EV Clairemont Mesa Blvd, San Diego, 92117	3/9/2014	143	1,268	18,252	518.7
DC	SDG&E Innovation Center	SCAT187DC1	4750 EV Clairemont Mesa Blvd, San Diego, 92117	3/9/2014	139	1,185	10,360	463.6
DC	Rancho Penasquitos	SCAN191DC1	13255 Black Mountain Rd, San Diego, 92129	3/31/2014	223	2,161	31,032	881.8
DC	Rancho Penasquitos	SCAT191DC1	13255 Black Mountain Rd, San Diego, 92129	3/31/2014	224	2,313	21,036	893.4
DC	Del Norte Plaza	SCAN198DC1	330 West El Norte Plaza, Escondido, 92026	3/17/2014	128	495	6,878	197.9
DC	Del Norte Plaza	SCAT198DC1	330 West El Norte Plaza, Escondido, 92026	3/17/2014	197	1,064	9,216	408.3
DC	Del Norte Plaza	SCAT198DC2	330 West El Norte Plaza, Escondido, 92026	3/17/2014	137	801	7,193	306.8
DC	Fenton Marketplace	SCAN418DC1	2482 Friars Rd , San Diego, 92108	2/5/2015	162	995	14,119	401.0
DC	Fenton Marketplace	SCAT418DC1	2482 Friars Rd , San Diego, 92108	2/5/2015	220	1,393	12,444	584.4
DC	San Diego Tech Center	SCAN440DC1	9605 Scranton Rd, San Diego, 92121	2/27/2015	85	469	6,337	180.0
DC	San Diego Tech Center	SCAT440DC1	9605 Scranton Rd, San Diego, 92121	2/27/2015	145	1,154	9,702	449.3
DC	Mira Mesa Mall	SCAN487DC1	8110 - 8340 Mira Mesa Blvd, San Diego, 92126	4/13/2015	89	576	7,196	205.0
DC	Mira Mesa Mall	SCAT487DC1	8110 - 8340 Mira Mesa Blvd, San Diego, 92126	4/13/2015	93	530	4,627	203.7
DC	Melrose Village	SCAN524DC1	1601 South Melrose Drive, Vista, 92081	6/22/2015	27	69	973	27.4
DC	Melrose Village	SCAT524DC1	1601 South Melrose Drive, Vista, 92081	6/22/2015	74	448	3,257	150.0

<sup>1</sup> The User count does not include users who received charges remotely activated by the NRG call center.

## Los Angeles Basin Reporting Period: 12/6/2014 – 12/5/2015

Charger Type	Name	Asset	Address	Operational Date	Users <sup>1</sup>	Sessions	Energy (kWh)	Duration (hrs)
DC	Camarillo Premium Outlets	LAXN172DC1	900 1/2 Camarillo Center Dr., Camarillo, 93010	11/11/2013	146	791	10,748	306.9
DC	Camarillo Premium Outlets	LAXT172DC1	900 1/2 Camarillo Center Dr., Camarillo, 93010	11/11/2013	153	568	5,444	225.6
DC	Walgreens Tarzana	LAXN183DC1	5353 Mecca Ave., Tarzana, 91356	4/28/2014	124	808	10,872	308.7
DC	Walgreens Tarzana	LAXT183DC1	5353 Mecca Ave., Tarzana, 91356	4/28/2014	207	1,348	12,852	530.4
DC	Outlets at Orange	LAXN218DC1	20 City Blvd W, Orange, 92868	4/22/2014	279	1,902	24,573	699.9
DC	Outlets at Orange	LAXT218DC1	20 City Blvd W, Orange, 92868	4/22/2014	315	1,943	16,543	756.9
DC	Westminster Mall	LAXN238DC1	1025 Westminster Mall, Westminster, 92683	6/19/2014	178	560	7,614	217.0
DC	Westminster Mall	LAXT238DC1	1025 Westminster Mall, Westminster, 92683	6/19/2014	365	1,990	17,956	757.6
DC	Brea Mall	LAXN223DC1	200 Brea Mall, Brea, 92821	5/9/2014	263	1,618	23,701	673.1
DC	Brea Mall	LAXT223DC1	200 Brea Mall, Brea, 92821	5/9/2014	308	2,396	20,534	951.7
DC	Los Cerritos Center	LAXN246DC1	200 Los Cerritos Mall, Cerritos, 90703	6/11/2014	221	1,412	21,313	606.3
DC	Los Cerritos Center	LAXT246DC1	200 Los Cerritos Mall, Cerritos, 90703	6/11/2014	289	1,906	17,656	774.3
DC	Stonewood Center	LAXN195DC1	306 Stonewood Street, Downey, 90241	4/10/2014	165	680	9,825	279.4
DC	Stonewood Center	LAXT195DC1	306 Stonewood Street, Downey, 90241	4/10/2014	232	1,237	11,720	474.0
DC	Larwin Square	LAXN212DC1	654 East 1st Street, Tustin, 92780	4/15/2014	255	1,751	23,685	672.4
DC	Larwin Square	LAXT212DC1	654 East 1st Street, Tustin, 92780	4/15/2014	318	2,622	22,630	1,016.9
DC	Walgreens Huntington Beach	LAXT272DC1	19501 Beach Boulevard, Huntington Beach, 92648	8/21/2014	123	878	7,211	313.9
DC	Walgreens Huntington Beach	LAXN272DC1	19501 Beach Boulevard, Huntington Beach, 92648	8/21/2014	81	572	7,610	217.6
DC	Corona Hills Plaza	LAXN288DC1	360 McKinley Street, Corona, 92879	9/15/2014	245	1,513	20,256	576.3
DC	Corona Hills Plaza	LAXT288DC1	360 McKinley Street, Corona, 92879	9/15/2014	195	1,207	10,650	452.9
DC	Hines Warner Center	LAXN213DC1	5700 Canoga Ave, Woodland Hills, 91367	4/7/2014	158	757	9,911	281.7
DC	Hines Warner Center	LAXT213DC1	5700 Canoga Ave, Woodland Hills, 91367	4/7/2014	262	1,975	17,704	760.4
DC	Cabazon Outlets	LAXN222DC1	48400 Seminole Drive, Cabazon, 92230	5/1/2014	115	397	5,540	157.6
DC	Cabazon Outlets	LAXT222DC1	48400 Seminole Drive, Cabazon, 92230	5/1/2014	76	206	2,134	86.4

<sup>1</sup> The User count does not include users who received charges remotely activated by the NRG call center.



Charger Type	Name	Asset	Address	Operational Date	Users <sup>1</sup>	Sessions	Energy (kWh)	Duration (hrs)
DC	Country Fair SC	LAXN236DC1	12013 Central Avenue, Chino, 91710	5/28/2014	203	1,496	19,824	565.2
DC	Country Fair SC	LAXT236DC1	12013 Central Avenue, Chino, 91710	5/28/2014	230	1,722	15,615	633.3
DC	Inland Center	LAXN243DC1	500 Inland Center Drive, San Bernardino, 92408	6/9/2014	92	805	10,965	311.7
DC	Inland Center	LAXT243DC1	500 Inland Center Drive, San Bernardino, 92408	6/9/2014	92	890	8,593	322.9
DC	Oaks Mall	LAXN229DC1	350 W Hillcrest Drive, Thousand Oaks, 91360	5/28/2014	99	493	6,965	198.2
DC	Oaks Mall	LAXT229DC1	350 W Hillcrest Drive, Thousand Oaks, 91360	5/28/2014	212	1,053	8,626	431.6
DC	Oaks Mall	LAXT229DC2	350 W Hillcrest Drive, Thousand Oaks, 91360	5/28/2014	119	540	4,603	219.7
DC	Pacific View Mall	LAXN219DC1	3301-1 East Main Street, Ventura, 93003	4/30/2014	94	1,036	13,477	384.7
DC	Pacific View Mall	LAXT219DC1	3301-1 East Main Street, Ventura, 93003	4/30/2014	110	803	7,350	308.7
DC	Pavilions Place	LAXB357DC1	1600 Beach Blvd, Westminster, 92683	12/2/2014	209	1,130	12,003	443.9
DC	Pavilions Place	LAXN357DC1	1600 Beach Blvd, Westminster, 92683	12/2/2014	89	321	3,759	108.2
DC	Bristol Plaza	LAXT361DC1	3361 South Bristol St, Santa Ana, 92704	12/2/2014	392	3,342	28,871	1,272.1
DC	Shops at Mission Viejo	LAXN237DC1	555 Shops At Mission Viejo, Mission Viejo, 92691	6/2/2014	202	843	11,830	336.8
DC	Shops at Mission Viejo	LAXT237DC1	555 Shops At Mission Viejo, Mission Viejo, 92691	6/2/2014	491	3,375	29,584	1,379.9
DC	Shops at Mission Viejo	LAXT237DC2	555 Shops At Mission Viejo, Mission Viejo, 92691	6/2/2014	286	1,518	13,141	613.6
DC	City of Hermosa Beach Parking	LAXN240DC1	1334 Hermosa Avenue, Hermosa Beach, 90254	7/30/2014	90	429	6,013	170.6
DC	City of Hermosa Beach Parking	LAXT240DC1	1334 Hermosa Avenue, Hermosa Beach, 90254	7/30/2014	110	400	3,756	168.8
DC	City of Hermosa Beach Parking	LAXT240DC2	1334 Hermosa Avenue, Hermosa Beach, 90254	7/30/2014	43	103	859	40.5
DC	Dunlap - Huntington Harbor	LAXN291DC1	16821 Algonquin St, Huntington Beach, 92649	9/15/2014	58	543	7,516	215.1
DC	Dunlap - Huntington Harbor	LAXT291DC1	16821 Algonquin St, Huntington Beach, 92649	9/15/2014	69	575	5,684	230.3
DC	8000 Sunset Strip	LAXN359DC1	8000 Sunset Strip, Los Angeles, 90046	2/19/2015	123	948	15,628	441.0
DC	8000 Sunset Strip	LAXT359DC1	8000 Sunset Strip, Los Angeles, 90046	2/19/2015	232	1,697	16,014	704.7
DC	Tarragona	LAXN380DC1	1000 N. Western Avenue, San Pedro, 90732	3/30/2015	92	757	10,644	303.0
DC	Tarragona	LAXT380DC1	1000 N. Western Avenue, San Pedro, 90732	3/30/2015	111	1,070	8,428	402.4
DC	Morongo Casino	LAXN450DC1	49500 Seminole Drive, Cabazon, 92230	3/30/2015	26	143	2,319	65.6
DC	Morongo Casino	LAXT450DC1	49500 Seminole Drive, Cabazon, 92230	3/30/2015	26	87	886	33.9

<sup>1</sup> The User count does not include users who received charges remotely activated by the NRG call center.

Charger Type	Name	Asset	Address	Operational Date	Users <sup>1</sup>	Sessions	Energy (kWh)	Duration (hrs)
DC	Plaza Rio Vista	LAXT463DC1	67800 Vista Chino, Cathedral City, 92234	3/30/2015	54	319	2,754	121.8
DC	Savi Ranch- Yorba Linda	LAXN408DC1	23030 1/2 Eastpark Dr, Yorba Linda, 92887	1/30/2015	140	475	6,620	187.9
DC	Savi Ranch- Yorba Linda	LAXT408DC1	23030 1/2 Eastpark Dr, Yorba Linda, 92887	1/30/2015	178	646	6,006	250.4
DC	Savi Ranch- Yorba Linda	N408DC1	23030 1/2 Eastpark Dr, Yorba Linda, 92887	1/30/2015	1	1	18	0.5
DC	F&E Manhattan Beach	LAXN409DC1	700-C Rosecrans Ave, Manhattan Beach, 90266	2/5/2015	221	1,580	21,069	600.1
DC	F&E Manhattan Beach	LAXT409DC1	700-C Rosecrans Ave, Manhattan Beach, 90266	2/5/2015	473	3,233	27,288	1,241.2
DC	Ontario Mills	LAXN462DC1	1 Mills Circle, Ontario, 91764	3/30/2015	138	448	6,276	178.2
DC	Ontario Mills	LAXT462DC1	1 Mills Circle, Ontario, 91764	3/30/2015	179	920	8,198	363.8
DC	F&E Long Beach	LAXN422DC1	3300 Atlantic Avenue , Long Beach, 90807	3/30/2015	115	712	9,523	268.9
DC	F&E Long Beach	LAXT422DC1	3300 Atlantic Avenue , Long Beach, 90807	3/30/2015	238	1,668	14,731	613.8
DC	F&E Norwalk	LAXN443DC1	10930 Rosecrans Ave, Norwalk, 90650	3/30/2015	92	296	3,455	98.9
DC	F&E Norwalk	LAXT443DC1	10930 Rosecrans Ave, Norwalk, 90650	3/30/2015	201	1,358	11,531	461.0
DC	F&E Signal Hill	LAXT421DC1	2475 Cherry Ave, Signal Hill, 90755	2/5/2015	218	1,649	14,585	611.4
DC	F&E Signal Hill	LAXN421DC1	2475 Cherry Ave, Signal Hill, 90755	2/5/2015	108	473	6,335	180.8
DC	Gelson's Calabasas	LAXT471DC1	22277 Mulholland Hwy, Calabasas, 91302	3/26/2015	144	986	8,946	365.9
DC	Playa Vista Community Center	LAXT490DC1	5510 Lincoln Blvd, Los Angeles, 90094	4/13/2015	253	2,075	17,566	795.5
DC	F&E Calimesa #1238	LAXN478DC1	1126 Calimesa, Calimesa, 92320	4/27/2015	28	89	1,300	36.7
DC	F&E Calimesa #1238	LAXT478DC1	1126 Calimesa, Calimesa, 92320	4/27/2015	56	267	2,743	113.5
DC	Mall of Victor Valley	LAXN491DC1	14370 Bear Valley Rd, Victorville, 92392	4/27/2015	24	165	2,424	68.8
DC	Mall of Victor Valley	LAXT491DC1	14370 Bear Valley Rd, Victorville, 92392	4/27/2015	28	98	1,079	41.5
DC	Gelsons Sherman Oaks	LAXB479DC1	4520 Van Nuys Blvd, Sherman Oaks, 91403	5/18/2015	273	1,985	21,525	811.8
DC	Anaheim Plaza	LAXN519DC1	510 N Euclid St., Anaheim, 92801	8/7/2015	97	316	4,198	118.8
DC	Anaheim Plaza	LAXT519DC1	510 N Euclid St., Anaheim, 92801	8/7/2015	166	583	4,779	199.7
DC	F&E Rosemead #1445	LAXN518DC1	9026 E. Valley Blvd, Rosemead, 91770	5/18/2015	168	909	12,422	351.8
DC	F&E Rosemead #1445	LAXT518DC1	9026 E. Valley Blvd, Rosemead, 91770	5/18/2015	271	1,827	15,919	666.3
DC	Sassounian Huntington Beach	LAXN533DC1	21190 Beach Blvd, Huntington Beach, 92648	6/25/2015	38	114	1,523	42.9

<sup>1</sup> The User count does not include users who received charges remotely activated by the NRG call center.

Charger Type	Name	Asset	Address	Operational Date	Users <sup>1</sup>	Sessions	Energy (kWh)	Duration (hrs)
DC	Sassounian Huntington Beach	LAXT533DC1	21190 Beach Blvd, Huntington Beach, 92648	6/25/2015	83	403	3,550	156.9
DC	Lincoln Place Apartments	LAXN294DC1	1050 Frederick Street, Venice, 90291	9/10/2014	89	705	10,021	286.4
DC	Lincoln Place Apartments	LAXT294DC1	1050 Frederick Street, Venice, 90291	9/10/2014	196	1,309	11,956	496.5
DC	Whole Foods Redondo Beach	LAXN512DC1	405 PCH, Redondo, 90277	7/10/2015	49	137	1,909	54.4
DC	Whole Foods Redondo Beach	LAXT512DC1	405 PCH, Redondo, 90277	7/10/2015	81	340	3,038	133.9
DC	Canyon Country Plaza	LAXN539DC1	19242 Soledad Canyon, Santa Clarita, 91351	7/20/2015	61	371	5,204	147.4
DC	Canyon Country Plaza	LAXT539DC1	19242 Soledad Canyon, Santa Clarita, 91351	7/20/2015	66	523	4,979	223.3
DC	Esplanade Shopping Center	LAXN538DC1	195 W. Esplanade Dr, Oxnard, 93036	9/29/2015	11	27	403	11.4
DC	Esplanade Shopping Center	LAXT538DC1	195 W. Esplanade Dr, Oxnard, 93036	9/29/2015	33	121	1,116	45.6
DC	Ince Garage	LAXT649DC1	9290 Culver Blvd, Culver City, 90232	10/13/2015	82	227	2,105	92.4
DC	Ince Garage	LAXT649DC2	9290 Culver Blvd, Culver City, 90232	10/13/2015	51	109	1,089	45.9
DC	F&E Ontario #1164	LAXN536DC1	2275 S. Euclid Ave, Ontario, 91761	11/23/2015	1	1	10	0.3
DC	F&E Ontario #1164	LAXT536DC1	2275 S. Euclid Ave, Ontario, 91761	11/23/2015	1	1	12	0.5
DC	Gateway Plaza - Santa Fe Springs	LAXN545DC1	10629 Carmenita Road, Santa Fe Springs, 90670	12/4/2015	1	1	18	0.5
DC	Gateway Plaza - Santa Fe Springs	LAXT545DC1	10629 Carmenita Road, Santa Fe Springs, 90670	12/4/2015	4	4	15	1.0

<sup>1</sup> The User count does not include users who received charges remotely activated by the NRG call center.

## San Joaquin Valley Reporting Period: 12/6/2014 – 12/5/2015

Charger Type	Name	Asset	Address	Operational Date	Users <sup>1</sup>	Sessions	Energy (kWh)	Duration (hrs)
DC	Applegate Ranch	NCAN331DC1	1000 Commerce Avenue, Atwater, 95301	10/28/2014	30	96	1,304	36.9
DC	Applegate Ranch	NCAT331DC1	1000 Commerce Avenue, Atwater, 95301	10/28/2014	63	562	4,975	213.7
DC	West Valley Mall	NCAN425DC1	3200 N Naglee Road, Tracy , 95304	3/9/2015	102	414	5,806	165.3
DC	West Valley Mall	NCAT425DC1	3200 N Naglee Road, Tracy , 95304	3/9/2015	175	1,366	12,344	536.6
DC	Fashion Fair Mall	NCAN482DC1	563 E. Shaw Ave., Fresno, 93710	4/13/2015	30	88	1,281	36.3
DC	Fashion Fair Mall	NCAT482DC1	563 E. Shaw Ave., Fresno, 93710	4/13/2015	63	431	4,348	178.3
DC	Fashion Fair Mall	SEA489DC1	563 E. Shaw Ave., Fresno, 93710	4/13/2015	1	2	22	0.8
DC	Vine Fuels Salida	<u>NCAT639DC1</u>	4530 Kiernan Avenue, Salida, CDMS	9/9/2015	-	-	-	-
DC	Clovis Commons	NCAN540DC1	695 W Herndon Avenue, Clovis, 93612	10/12/2015	4	8	131	3.7
DC	Clovis Commons	NCAT540DC1	695 W Herndon Avenue, Clovis, 93612	10/12/2015	8	25	256	11.5
DC	Whole Foods Fresno	NCAN546DC1	650 W Shaw Ave, Fresno, 93704	9/17/2015	8	12	167	4.8
DC	Whole Foods Fresno	NCAT546DC1	650 W Shaw Ave, Fresno, 93704	9/17/2015	22	97	821	35.6
DC	Vine Fuels - Ceres	NCAT606DC1	1240 E Whitmore Ave., Ceres, 95307	10/26/2015	7	19	151	7.0
DC	Vine Fuels - Ceres	NCAT606DC2	1240 E Whitmore Ave., Ceres, 95307	10/26/2015	3	15	112	6.5
DC	Vintage Faire Mall	NCAT917DC1	3401 Dale Road, Modesto, 95356	11/9/2015	7	10	67	3.6
DC	Vintage Faire Mall	NCAT917DC2	3401 Dale Road, Modesto, 95356	11/9/2015	8	33	202	14.1
DC	City of Clovis	NCAT661DC1	748 5th St., Clovis, 93612	11/20/2015	1	1	11	0.5

The User count does not include users who received charges remotely activated by the NRG call center.

**Appendix D-2**

**Raw Usage Data**

To be separately provided to the CPUC.

[CONFIDENTIAL]

*The following information is confidential and protected material and may only be provided to those parties and their Eligible Reviewers that have executed a protective order in the FERC proceeding approving the Agreement and the settlement of the EL02-60/62 Proceeding. NRG retains an exclusive, non-public, proprietary right to such information for eighteen (18) months after the date of submittal to the CPUC, and during such time such information shall not to the extent permitted by law be subject to disclosure under FOIA or CAPRA.*

**Material Redacted in Public, Non-Confidential Version**

**Appendix E**

**Settlement Expenditures**

See attached.  
[CONFIDENTIAL]

*The following information is confidential and protected material and may only be provided to those parties and their Eligible Reviewers that have executed a protective order in the FERC proceeding approving the Agreement and the settlement of the EL02-60/62 Proceeding. NRG retains an exclusive, non-public, proprietary right to such information for eighteen (18) months after the date of submittal to the CPUC, and during such time such information shall not to the extent permitted by law be subject to disclosure under FOIA or CAPRA.*

**Material Redacted in Public, Non-Confidential Version**