

**DOCKETED**

<b>Docket Number:</b>	19-SPPE-02
<b>Project Title:</b>	Walsh Data Center
<b>TN #:</b>	231327
<b>Document Title:</b>	Data Clarification Questions And Responses For The McLaren Backup Generation Facility
<b>Description:</b>	Responses to CEC staff concerning vantage data center historical outages.
<b>Filer:</b>	Cenne Jackson
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	12/27/2019 11:28:19 AM
<b>Docketed Date:</b>	12/27/2019

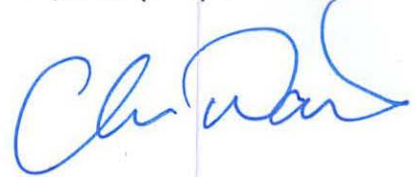
## Memorandum

To: Karen Douglas, Commissioner and Presiding Member  
Janea A. Scott, Commissioner and Associate Member

Date: August 8, 2018

Telephone: (916) 654-4842

From: **California Energy Commission—Chris Davis**  
1516 Ninth Street  
Sacramento CA 95814-5512  
Siting Office Manager



Subject: **Data clarification questions and responses for the McLaren Backup Generation Facility SPPE application review—Response to Comments on Air Quality and Public Health Issues**

On July 24 and July 25, 2018, the Clean Coalition submitted comments related to air quality and public health to the docket for the McLaren Backup Generation Facility Small Power Plant (SPPE) application and revised application [17-SPPE-01]. Also on July 24, 2018, Helping Hands Tools submitted comments on air quality and public health to this docket.

In order to prepare staff responses to these comments, on August 2, 2018, Project Manager Lon Payne sent an email to the applicant's representative, Scott Galati. On August 8, 2018, Scott Galati sent responses. Both the questions and responses are attached for referencing purposes.

Attachments:

- August 2, 2018 email to Scott Galati
- August 8, 2018 email responses from Scott Galati.

**Bemis, Gerry@Energy**

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**From:** Payne, Leonidas@Energy  
**Sent:** Wednesday, August 08, 2018 11:25 AM  
**To:** Bemis, Gerry@Energy  
**Subject:** Fw: Emergency Operation Questions for McLaren SPPE  
**Attachments:** Emergency Operation Questions.docx

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**From:** Payne, Leonidas@Energy  
**Sent:** Thursday, August 2, 2018 2:17 PM  
**To:** Scott Galati  
**Subject:** Emergency Operation Questions for McLaren SPPE

Scott:

Please see the attached questions from our AQ evaluation team regarding emergency operation issues that were raised during the public comment process on McLaren. Your prompt response is requested so we can incorporate this information into our Aug. 13 filing to the Committee.

Lon Payne—Siting Project Manager  
California Energy Commission

## Bemis, Gerry@Energy

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**From:** Payne, Leonidas@Energy  
**Sent:** Tuesday, August 07, 2018 6:07 PM  
**To:** Bemis, Gerry@Energy; Record, Jacquelyn@Energy; Qian, Wenjun@Energy; Babula, Jared@Energy  
**Subject:** Fwd: Vantage Responses to Staff Data Requests  
**Attachments:** image001.jpg; ATT00001.htm; VDC Responses to MGBF 8.7.18 CEC Data Requests.pdf; ATT00002.htm; Maintenance Load and Emergency Events at Campus - Final.xlsx; ATT00003.htm

Sent from my iPhone

Begin forwarded message:

**From:** Scott Galati <[sgalati@dayzenllc.com](mailto:sgalati@dayzenllc.com)>  
**Date:** August 7, 2018 at 5:30:38 PM PDT  
**To:** "Leonidas.Payne@energy.ca.gov" <[Leonidas.Payne@energy.ca.gov](mailto:Leonidas.Payne@energy.ca.gov)>, "Layton, Matthew@Energy" <[Matthew.Layton@energy.ca.gov](mailto:Matthew.Layton@energy.ca.gov)>  
**Subject:** Vantage Responses to Staff Data Requests

Lon and Matt,

Attached are Vantage's responses to CEC Staff Data Requests issued on August 2, 2018.

1. What is the history of diesel-fueled engines needing to operate at other Vantage data centers located in the vicinity of the proposed site for McLaren? We would hope to have recent and historical information on:
  - a. Number of readiness testing events and durations;
  - b. Number of emissions testing events and durations;
  - c. Number of engines starts but not loaded, events and durations;
  - d. Number of engines starts and then loaded, events and durations;
  - e. Electrical grid outages types (e.g., complete loss of connection, voltage drop, transients) and frequency; and
  - f. Number of internal-to-the-data-center events that trigger an engine start.
2. Would the above information be affected by which utility (e.g., PG&E vs SVP vs SMUD) serves the data center?
3. Would the above information be affected by whether the data center is connected at the distribution level or at higher voltages through a dedicated switchyard?
4. How is the switchyard that would serve the proposed McLaren facility connected to SVP and are any other data centers on the transmission line?

**Vantage Data Center's Responses to CEC Data Requests  
McLaren Back Up Generating Facility (MBGF)  
17-SPPE-01**

- 1. What is the history of diesel-fueled engines needing to operate at other Vantage data centers located in the vicinity of the proposed site for McLaren? We would hope to have recent and historical information on:**

**Response:** It is important to note that Vantage's other campus (Santa Clara) was developed over time and the Santa Clara campus generators are connected in parallel. In order to facilitate construction and expansion at the Santa Clara campus, some generators needed to run. Those hours are not included in these responses because they were part of construction and are not relevant to understanding the proposed operations at the MBGF.

The MBGF generators will not be constructed in parallel and instead will be constructed in a manner that would allow a set of generators to serve a specific floor of the respective buildings. Once that set of generators is constructed ("4 to make 3" discussed in Response 1. d. below) it is dedicated to the floor and will not be used for construction or expansion activities for subsequent phases.

Therefore, the responses provided below are limited to maintenance and testing operations or operation during an emergency and not for construction and expansion of the Santa Clara Campus.

***a. Number of readiness testing events and durations;***

**Response:** See Attachment A, Table 1.

***b. Number of emissions testing events and durations;***

**Response:** Vantage does not perform, and the BAAQMD permit does not require, emission testing events.

***c. Number of engines starts but not loaded, events and durations;***

**Response:** See Attachment A, Table 1.

***d. Number of engines starts and then loaded, events and durations;***

**Response:** There has been only one event at the Santa Clara Campus over the last 8 years that required generation of electricity during an outage. The event lasted approximately 12 hours and all of the generators were started and the redundant generators shedded to match the actual load. See Attachment A, Table 2.

The MBGF facility is designed differently than the units at the Santa Clara Campus. Rather than shedding individual generators to match load and allow redundancy which is done at the Santa Clara Campus, the MBGF Facility is designed with a "4 to make 3" configuration. In this configuration 4 generators will share the electrical load. The maximum electrical load equals the continuous rating of 3 generators so that if one of the 4 generators were to fail, the load can be supplied by the 3 generators remaining in the cluster. Therefore during a similar outage that was experienced at Santa Clara, all of the MBGF generators will be started and then all 4 generators in each cluster will be adjusted to match the load necessary for that particular cluster.

***e. Electrical grid outages types (e.g., complete loss of connection, voltage drop, transients) and frequency; and***

**Response:** As discussed in Response to 1. d. above, the Santa Clara Campus has only experienced one event in 8 years. The outage affected the entire campus and lasted for approximately 12 hours. MBGF has been designed with a UPS system that will address the other types of outages.

***f. Number of internal-to-the-data-center events that trigger an engine start.***

**Response:** Other than construction activities and expansion, no internal-to-the-data-center events have triggered an engine start at the Santa Clara Campus. As described above because the MBGF has been designed differently than the Santa Clara Campus, the MBGF generators will not be run to allow construction and expansion of subsequent phases. There are no internal-to-the-data-center events that would trigger an engine start expected at the MDC.

Vantage provides security for its customers so that they can rely on the safety and accessibility of their critical business electronic data. Although an outage is very unlikely, it is not impossible. Since the loss of a business' critical data could be catastrophic, Vantage has invested heavily in constructing the distribution substation for Silicon Valley Power (SVP), which is dedicated solely to distribute electricity to the MDC. The SVP substation is connected directly to the transmission system and the SVP Substation is served by redundant utility feeds. Vantage's investment in the dedicated SVP distribution substation will provide further protection from utility outages.

***2. Would the above information be affected by which utility (e.g., PG&E vs SVP vs SMUD) serves the data center?***

**Response:** Vantage does not believe the information provided above would be affected by which utility serves the data center. Both the Santa Clara facility and

the MDC are served by SVP. SVP has an outstanding track record for electrical delivery.

- 3. *Would the above information be affected by whether the data center is connected at the distribution level or at higher voltages through a dedicated switchyard?***

**Response:** Vantage believes that the SVP distribution substation for the MDC will provide additional security from outages because it is dedicated solely to the MDC and is interconnected at the transmission level with access to redundant utility feeds.

- 4. *How is the switchyard that would serve the proposed McLaren facility connected to SVP and are any other data centers on the transmission line?***

**Response:** As discussed above in Responses to 1.f. and 3 above, the SVP distribution substation is not connected to any other data centers served by redundant utility feeds.



Table 1: Maintenance and Load Bank Testing at Campus

Generator	Source Number	Date	Meter Reading		Run Time (hours)	Description	Category
			Start	Stop			
SC1-V1-GEN#1	S-17	1/19/2004	17	18	1	Rate of Rise Test	Load Testing
SC1-V1-GEN#1	S-17	2/24/2006	43	46	3	Load Bank Test	Load Testing
SC1-V1-GEN#1	S-17	6/19/2006	81	81	0	PM	Maintenance Testing
SC1-V1-GEN#1	S-17	7/6/2006	81	81	0	PM	Maintenance Testing
SC1-V1-GEN#1	S-17	10/27/2006	82	82	0	PM	Maintenance Testing
SC1-V1-GEN#1	S-17	11/17/2006	82	82	0	PM	Maintenance Testing
SC1-V1-GEN#1	S-17	12/26/2006	82	82	0	PM	Maintenance Testing
SC1-V1-GEN#1	S-17	1/10/2007	82	82	0	PM	Maintenance Testing
SC1-V1-GEN#1	S-17	2/28/2007	82	85	3	Annual PM Load Bank Test Peterson Po	Load Testing
SC1-V1-GEN#1	S-17	3/27/2007	85	85	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	4/10/2007	85	86	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	5/23/2007	86	86	0	PM	Maintenance Testing
SC1-V1-GEN#1	S-17	6/13/2007	86	86	0	PM	Maintenance Testing
SC1-V1-GEN#1	S-17	7/10/2007	86	86	0	PM	Maintenance Testing
SC1-V1-GEN#1	S-17	8/6/2007	86	87	1	PM	Maintenance Testing
SC1-V1-GEN#1	S-17	9/6/2007	87	88	1	PM	Maintenance Testing
SC1-V1-GEN#1	S-17	10/1/2007	88	88	0	PM	Maintenance Testing
SC1-V1-GEN#1	S-17	11/6/2007	88	89	1	PM	Maintenance Testing
SC1-V1-GEN#1	S-17	12/4/2007	89	89	0	PM	Maintenance Testing
SC1-V1-GEN#1	S-17	1/3/2008	89	90	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	2/13/2008	90	90	0	Monthly PM Replaced Belts	Maintenance Testing
SC1-V1-GEN#1	S-17	3/26/2008	90	90	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	4/16/2008	90	90	0	PM	Maintenance Testing
SC1-V1-GEN#1	S-17	5/27/2008	90	90	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	6/13/2008	90	92	2	Annual PM Changed Oil / Belts	Load Testing
SC1-V1-GEN#1	S-17	7/10/2008	92	93	1	Monthly PM Test	Maintenance Testing
SC1-V1-GEN#1	S-17	8/20/2008	93	93	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	9/12/2008	93	93	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	10/24/2008	93	94	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	11/18/2008	94	94	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	12/23/2008	94	94	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	1/17/2009	94	94	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	2/23/2009	94	95	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	3/20/2009	95	95	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	4/20/2009	95	95	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	5/18/2009	95	96	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	6/19/2009	96	96	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	7/16/2009	96	97	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	8/20/2009	97	97	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	9/18/2009	97	98	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	12/20/2009	98	103	5	Annual PM & Load Bank Test	Load Testing
SC1-V1-GEN#1	S-17	11/21/2011	121	121	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	1/31/2012	121	121	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	2/28/2012	121	122	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	3/19/2012	122	122	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	4/24/2012	122	122	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	5/15/2012	122	122	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	7/28/2012	122	123	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	8/29/2012	123	123	0	Avg Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	10/30/2012	123	123	0	Monthly	Maintenance Testing
SC1-V1-GEN#1	S-17	3/7/2013	155	155	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	3/29/2013	160	164	4	100 % Load Bank	Load Testing
SC1-V1-GEN#1	S-17	1/21/2014	165	165	0	Monthly PM	Maintenance Testing

SC1-V1-GEN#1	S-17	2/3/2014	166	166	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#1	S-17	4/14/2014	175	175	0	VI Monthly	Maintenance Testing
SC1-V1-GEN#1	S-17	5/9/2014	175	175	0	VI Monthly	Maintenance Testing
SC1-V1-GEN#1	S-17	5/23/2014	175	176	1	VI Monthly	Maintenance Testing
SC1-V1-GEN#1	S-17	7/16/2014	176	176	0	VI Monthly	Maintenance Testing
SC1-V1-GEN#1	S-17	12/10/2014	176	176	0	VI Monthly	Maintenance Testing
SC1-V1-GEN#1	S-17	1/24/2015	176	176	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#1	S-17	2/23/2015	176	176	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#1	S-17	4/22/2015	177	178	1	Monthly Run	Maintenance Testing
SC1-V1-GEN#1	S-17	5/26/2015	178	182	4	Load Banking	Load Testing
SC1-V1-GEN#1	S-17	6/24/2015	182	182	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#1	S-17	7/20/2015	182	182	0	APM	Maintenance Testing
SC1-V1-GEN#1	S-17	8/25/2015	182	183	1	Monthly Run	Maintenance Testing
SC1-V1-GEN#1	S-17	9/23/2015	183	183	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#1	S-17	10/25/2015	183	183	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#1	S-17	11/25/2015	183	183	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#1	S-17	12/23/2015	183	184	1	Monthly Run	Maintenance Testing
SC1-V1-GEN#1	S-17	5/27/2016	195	195	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#1	S-17	7/8/2016	203	203	0	APM	Maintenance Testing
SC1-V1-GEN#1	S-17	9/24/2016	203	203	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#1	S-17	10/30/2016	203	203	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#1	S-17	12/28/2016	203	203	0	MPM	Maintenance Testing
SC1-V1-GEN#1	S-17	1/23/2017	203	204	1	MPM	Maintenance Testing
SC1-V1-GEN#1	S-17	1/29/2017	285	285	0	monthly run	Maintenance Testing
SC1-V1-GEN#1	S-17	2/28/2017	285	285	0	MPM	Maintenance Testing
SC1-V1-GEN#1	S-17	3/25/2017	272	272	0	monthly parallel	Maintenance Testing
SC1-V1-GEN#1	S-17	8/29/2017	279	279	0	APM	Maintenance Testing
SC1-V1-GEN#1	S-17	10/18/2017	280	280	0	ATS annual AI	Maintenance Testing
SC1-V1-GEN#1	S-17	10/29/2017	283	283	0	ATS APM Testing	Maintenance Testing
SC1-V1-GEN#1	S-17	11/14/2017	284	284	0	ATS APM Testing	Maintenance Testing
SC1-V1-GEN#1	S-17	11/26/2017	284	284	0	ATS APME	Maintenance Testing
SC1-V1-GEN#1	S-17	12/10/2017	284	284	0	ATS FI APM	Maintenance Testing
SC1-V1-GEN#1	S-17	12/17/2017	284	285	1	ATS GI APM	Maintenance Testing
SC1-V1-GEN#1	S-17	4/21/2004	18	19	1	Russelectric Training	Maintenance Testing
SC1-V1-GEN#1	S-17	10/24/2005	40	40	0	MGE Test and Maintenance PM	Maintenance Testing
SC1-V1-GEN#1	S-17	7/11/2016	203	203	0	Parallel Gen Test	Maintenance Testing
SC1-V1-GEN#1	S-17	2/13/2017	204	218	14	Sub station maintenance	Maintenance Testing
SC1-V1-GEN#1	S-17	2/15/2017	218	228	10	Sub station maintenance	Maintenance Testing
SC1-V1-GEN#1	S-17	3/6/2017	240	242	2	sub G&E maintenance	Maintenance Testing
SC1-V1-GEN#1	S-17	3/8/2017	242	253	11	sub station maintenance	Maintenance Testing
SC1-V1-GEN#1	S-17	3/9/2017	253	254	1	testing verification	Maintenance Testing
SC1-V1-GEN#1	S-17	3/26/2017	272	277	5	campus transfer test	Maintenance Testing
SC1-V1-GEN#1	S-17	6/5/2017	277	277	0	gen repair run test	Maintenance Testing
SC1-V1-GEN#1	S-17	10/16/2017	279	280	1	breaker maintenance	Maintenance Testing
SC1-V1-GEN#2	S-18	10/24/2005	30	32	2	MGE Test and Maintenance PM	Maintenance Testing
SC1-V1-GEN#2	S-18	2/24/2006	33	35	2	Load Bank Test	Load Testing
SC1-V1-GEN#2	S-18	6/7/2006	69	69	0	PM	Maintenance Testing
SC1-V1-GEN#2	S-18	7/6/2006	69	70	1	PM	Maintenance Testing
SC1-V1-GEN#2	S-18	10/27/2006	71	71	0	PM	Maintenance Testing
SC1-V1-GEN#2	S-18	11/17/2006	71	71	0	PM	Maintenance Testing
SC1-V1-GEN#2	S-18	12/26/2006	71	71	0	PM	Maintenance Testing
SC1-V1-GEN#2	S-18	1/25/2007	71	71	0	PM	Maintenance Testing
SC1-V1-GEN#2	S-18	2/28/2007	71	74	3	PM - Load Bank Test	Load Testing
SC1-V1-GEN#2	S-18	3/28/2007	74	74	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	4/10/2007	74	74	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	5/23/2007	74	75	1	PM	Maintenance Testing

SC1-V1-GEN#2	S-18	6/13/2007	75	75	0	PM	Maintenance Testing
SC1-V1-GEN#2	S-18	3/17/2007	75	75	0	PM	Maintenance Testing
SC1-V1-GEN#2	S-18	8/6/2007	75	75	0	PM	Maintenance Testing
SC1-V1-GEN#2	S-18	9/6/2007	75	76	1	PM	Maintenance Testing
SC1-V1-GEN#2	S-18	10/1/2007	76	77	1	PM	Maintenance Testing
SC1-V1-GEN#2	S-18	11/6/2007	77	77	0	PM	Maintenance Testing
SC1-V1-GEN#2	S-18	12/4/2007	77	78	1	PM	Maintenance Testing
SC1-V1-GEN#2	S-18	1/3/2008	78	78	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	2/12/2008	78	79	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	3/26/2008	79	79	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	4/16/2008	79	79	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	5/27/2008	79	80	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	6/28/2008	80	82	2	Load Test	Load Testing
SC1-V1-GEN#2	S-18	7/17/2008	82	82	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	7/20/2008	82	82	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	8/20/2008	82	82	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	9/12/2008	82	82	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	10/22/2008	82	82	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	11/18/2008	82	82	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	12/23/2008	82	83	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	1/19/2009	83	83	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	2/23/2009	83	83	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	3/20/2009	83	83	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	4/20/2009	83	83	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	5/18/2009	83	84	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	6/19/2009	84	84	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	7/16/2009	84	85	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	8/20/2009	85	85	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	9/18/2009	85	86	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	6/4/2011	95	96	1	Annual Service	Load Testing
SC1-V1-GEN#2	S-18	6/7/2011	96	103	7	Load Test	Load Testing
SC1-V1-GEN#2	S-18	11/21/2011	120	120	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	12/21/2011	120	120	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	1/31/2012	120	121	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	2/28/2012	121	121	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	3/19/2012	121	121	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	4/24/2012	121	121	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	5/15/2012	121	122	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	7/27/2012	122	122	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	8/29/2012	122	122	0	Average Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	10/30/2012	122	122	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	3/6/2013	154	154	0	APM	Maintenance Testing
SC1-V1-GEN#2	S-18	4/1/2013	159	164	5	100% Load Bank	Load Testing
SC1-V1-GEN#2	S-18	1/21/2014	164	165	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	2/3/2014	165	165	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	4/14/2014	174	175	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	5/9/2014	175	175	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	5/23/2014	175	175	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	12/10/2014	175	175	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	1/24/2015	175	176	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	2/23/2015	176	176	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	4/22/2015	177	177	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	5/27/2015	177	181	4	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	6/24/2015	181	182	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	8/25/2015	182	182	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	9/23/2015	182	182	0	Monthly PM	Maintenance Testing

SC1-V1-GEN#2	S-18	10/25/2015	182	182	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	11/25/2015	182	183	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	12/23/2015	183	183	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	5/27/2016	194	194	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	7/8/2016	195	195	0	APM	Maintenance Testing
SC1-V1-GEN#2	S-18	9/24/2016	195	195	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	12/28/2016	195	195	0	monthly run	Maintenance Testing
SC1-V1-GEN#2	S-18	1/23/2017	196	196	0	monthly run	Maintenance Testing
SC1-V1-GEN#2	S-18	3/23/2017	271	272	1	monthly pm parallel	Maintenance Testing
SC1-V1-GEN#2	S-18	8/29/2017	279	280	1	annual PM	Maintenance Testing
SC1-V1-GEN#2	S-18	10/26/2017	281	283	2	ATS MBPA annual	Maintenance Testing
SC1-V1-GEN#2	S-18	10/29/2017	283	283	0	ATS APM testing	Maintenance Testing
SC1-V1-GEN#2	S-18	11/14/2017	283	284	1	V1 OSI APM tesing	Maintenance Testing
SC1-V1-GEN#2	S-18	12/10/2017	284	284	0	ATS F1 APM	Maintenance Testing
SC1-V1-GEN#2	S-18	1/29/2018	285	285	0	monthly run	Maintenance Testing
SC1-V1-GEN#2	S-18	2/28/2018	285	285	0	monthly run	Maintenance Testing
SC1-V1-GEN#2	S-18	10/30/2016	195	195	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#2	S-18	1/20/2005	12	13	1	15 minutes rate of rise test	Maintenance Testing
SC1-V1-GEN#2	S-18	7/15/2014	175	175	0	APM Peterson Power	Maintenance Testing
SC1-V1-GEN#2	S-18	7/11/2016	195	195	0	Parallel Gen Test	Maintenance Testing
SC1-V1-GEN#3	S-19	1/20/2005	9	12	3	Rate of Rise Test	Load Testing
SC1-V1-GEN#3	S-19	9/22/2005	25	27	2	Test ATS / Monthly PM	Maintenance Testing
SC1-V1-GEN#3	S-19	2/24/2006	30	33	3	Load Bank Test	Load Testing
SC1-V1-GEN#3	S-19	6/7/2006	71	72	1	PM	Maintenance Testing
SC1-V1-GEN#3	S-19	10/27/2006	72	73	1	PM	Maintenance Testing
SC1-V1-GEN#3	S-19	11/17/2006	73	73	0	PM	Maintenance Testing
SC1-V1-GEN#3	S-19	12/26/2006	73	73	0	PM	Maintenance Testing
SC1-V1-GEN#3	S-19	1/25/2007	73	73	0	PM	Maintenance Testing
SC1-V1-GEN#3	S-19	2/28/2007	73	75	2	Annual PM Load Bank Test 24 Hours	Load Testing
SC1-V1-GEN#3	S-19	3/27/2007	75	75	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#3	S-19	4/10/2007	75	76	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#3	S-19	5/23/2007	76	76	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#3	S-19	6/13/2007	76	76	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#3	S-19	7/10/2007	76	76	0	PM	Maintenance Testing
SC1-V1-GEN#3	S-19	8/6/2007	76	77	1	PM	Maintenance Testing
SC1-V1-GEN#3	S-19	9/5/2007	77	77	0	PM	Maintenance Testing
SC1-V1-GEN#3	S-19	10/1/2007	77	78	1	PM	Maintenance Testing
SC1-V1-GEN#3	S-19	11/6/2007	78	79	1	PM	Maintenance Testing
SC1-V1-GEN#3	S-19	12/4/2007	79	79	0	PM	Maintenance Testing
SC1-V1-GEN#3	S-19	1/3/2008	79	80	1	PM Monthly	Maintenance Testing
SC1-V1-GEN#3	S-19	2/12/2008	80	80	0	PM Monthly	Maintenance Testing
SC1-V1-GEN#3	S-19	3/26/2008	80	80	0	PM Monthly	Maintenance Testing
SC1-V1-GEN#3	S-19	4/16/2008	80	80	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#3	S-19	5/27/2008	80	81	1	PM Monthly	Maintenance Testing
SC1-V1-GEN#3	S-19	6/24/2008	81	83	2	Load Test	Load Testing
SC1-V1-GEN#3	S-19	7/17/2008	83	83	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#3	S-19	8/20/2008	83	83	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#3	S-19	10/21/2008	83	83	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#3	S-19	11/18/2008	83	84	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#3	S-19	11/23/2008	84	84	0	Monthly	Maintenance Testing
SC1-V1-GEN#3	S-19	1/19/2009	84	84	0	Monthly	Maintenance Testing
SC1-V1-GEN#3	S-19	2/23/2009	84	84	0	Monthly	Maintenance Testing
SC1-V1-GEN#3	S-19	3/20/2009	84	84	0	Monthly	Maintenance Testing
SC1-V1-GEN#3	S-19	4/20/2009	84	85	1	Monthly	Maintenance Testing
SC1-V1-GEN#3	S-19	5/18/2009	85	85	0	Monthly	Maintenance Testing
SC1-V1-GEN#3	S-19	6/19/2009	85	86	1	Monthly	Maintenance Testing

SC1-V1-GEN#3	S-19	7/16/2009	86	86	0	Monthly	Maintenance Testing
SC1-V1-GEN#3	S-19	8/20/2009	86	86	0	Monthly	Maintenance Testing
SC1-V1-GEN#3	S-19	9/18/2009	86	87	1	Monthly	Maintenance Testing
SC1-V1-GEN#3	S-19	12/21/2009	87	92	5	Annual PM & Load Bank Test	Load Testing
SC1-V1-GEN#3	S-19	6/4/2011	96	97	1	Annual Service	Load Testing
SC1-V1-GEN#3	S-19	11/21/2011	121	121	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#3	S-19	12/21/2011	121	122	1	Monthly Run	Maintenance Testing
SC1-V1-GEN#3	S-19	1/31/2012	122	122	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#3	S-19	2/28/2012	122	122	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#3	S-19	3/19/2012	122	122	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#3	S-19	4/24/2012	122	123	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#3	S-19	7/28/2012	123	123	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#3	S-19	8/29/2012	123	123	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#3	S-19	10/30/2012	123	123	0	Monthly	Maintenance Testing
SC1-V1-GEN#3	S-19	3/6/2013	155	155	0	AP Monthly	Maintenance Testing
SC1-V1-GEN#3	S-19	4/2/2013	160	164	4	100% Load Bank	Load Testing
SC1-V1-GEN#3	S-19	1/21/2014	164	165	1	Monthly	Maintenance Testing
SC1-V1-GEN#3	S-19	2/3/2014	165	166	1	Monthly	Maintenance Testing
SC1-V1-GEN#3	S-19	4/14/2014	175	176	1	Monthly	Maintenance Testing
SC1-V1-GEN#3	S-19	5/9/2014	176	176	0	Monthly	Maintenance Testing
SC1-V1-GEN#3	S-19	5/23/2014	176	177	1	Monthly	Maintenance Testing
SC1-V1-GEN#3	S-19	7/15/2014	177	177	0	Annual	Load Testing
SC1-V1-GEN#3	S-19	12/10/2014	177	177	0	Monthly	Maintenance Testing
SC1-V1-GEN#3	S-19	1/24/2015	177	177	0	Monthly	Maintenance Testing
SC1-V1-GEN#3	S-19	2/23/2015	177	177	0	Monthly	Maintenance Testing
SC1-V1-GEN#3	S-19	4/22/2015	178	178	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#3	S-19	5/28/2015	178	183	5	Load Bank Test	Load Testing
SC1-V1-GEN#3	S-19	6/24/2015	183	183	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#3	S-19	7/21/2015	183	183	0	APM	Maintenance Testing
SC1-V1-GEN#3	S-19	8/25/2015	183	183	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#3	S-19	9/23/2015	183	183	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#3	S-19	10/25/2015	183	184	1	Monthly Run	Maintenance Testing
SC1-V1-GEN#3	S-19	11/25/2015	184	184	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#3	S-19	12/23/2015	184	184	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#3	S-19	5/27/2016	195	195	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#3	S-19	7/11/2016	203	203	0	APM	Maintenance Testing
SC1-V1-GEN#3	S-19	9/24/2016	203	204	1	Monthly Run	Maintenance Testing
SC1-V1-GEN#3	S-19	10/30/2016	204	204	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#3	S-19	12/28/2016	204	204	0	monthly run	Maintenance Testing
SC1-V1-GEN#3	S-19	2/13/2017	205	205	0	monthly run	Maintenance Testing
SC1-V1-GEN#3	S-19	3/25/2017	268	268	0	monthly pm parallel	Maintenance Testing
SC1-V1-GEN#3	S-19	8/29/2017	276	276	0	annual PM	Maintenance Testing
SC1-V1-GEN#3	S-19	10/19/2017	277	277	0	ATS annual A2	Maintenance Testing
SC1-V1-GEN#3	S-19	10/21/2017	277	279	2	ATS annual	Maintenance Testing
SC1-V1-GEN#3	S-19	10/22/2017	279	279	0	ATS APM testing	Maintenance Testing
SC1-V1-GEN#3	S-19	11/14/2017	279	280	1	ATS DSI APM testing	Maintenance Testing
SC1-V1-GEN#3	S-19	11/26/2017	280	280	0	ATS F2 APM	Maintenance Testing
SC1-V1-GEN#3	S-19	12/10/2017	280	281	1	ATS F1 APM	Maintenance Testing
SC1-V1-GEN#3	S-19	12/17/2017	281	281	0	ATS G1 APM	Maintenance Testing
SC1-V1-GEN#3	S-19	1/29/2018	281	281	0	MPM	Maintenance Testing
SC1-V1-GEN#3	S-19	2/23/2018	281	281	0	monthly run	Maintenance Testing
SC1-V1-GEN#B2	S-21	6/9/2006	25	25	0	PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	7/6/2006	25	25	0	PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	9/6/2006	25	25	0	PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	10/28/2006	25	25	0	PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	11/14/2006	25	27	2	Peterson Power Load Test	Load Testing

SC1-V1-GEN#B2	S-21	12/26/2006	27	28	1	PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	1/25/2007	28	28	0	PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	2/13/2007	28	28	0	PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	3/14/2007	28	28	0	PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	3/27/2007	28	28	0	PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	4/10/2007	28	28	0	PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	4/13/2007	28	28	0	PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	5/23/2007	28	29	1	PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	6/13/2007	29	29	0	PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	7/10/2007	29	29	0	PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	8/6/2007	29	29	0	PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	10/1/2007	30	31	1	PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	11/6/2007	31	31	0	PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	11/20/2007	31	34	3	Peterson Power Load Test	Load Testing
SC1-V1-GEN#B2	S-21	12/4/2007	34	34	0	PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	1/3/2008	34	34	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	2/12/2008	34	34	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	3/27/2008	34	35	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	4/16/2008	35	35	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	5/27/2008	35	35	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	7/17/2008	35	35	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	8/13/2008	35	35	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	9/12/2008	35	36	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	10/21/2008	36	36	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	11/18/2008	36	36	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	12/23/2008	36	36	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	1/19/2009	36	36	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	2/23/2009	36	36	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	3/20/2009	36	36	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	4/20/2009	36	37	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	5/18/2009	37	37	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	6/19/2009	37	38	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	7/16/2009	38	38	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	8/20/2009	38	38	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	9/18/2009	38	39	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	7/13/2011	48	55	7	Load Test	Load Testing
SC1-V1-GEN#B2	S-21	11/21/2011	56	56	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	12/21/2011	56	56	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	2/1/2012	56	57	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	2/28/2012	57	57	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	4/24/2012	57	57	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	5/16/2012	57	57	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	7/28/2012	57	58	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	8/29/2012	58	58	0	Avg Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	10/30/2012	58	59	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	3/5/2013	59	59	0	APM	Maintenance Testing
SC1-V1-GEN#B2	S-21	4/4/2013	59	64	5	100% Load Bank	Load Testing
SC1-V1-GEN#B2	S-21	3/24/2014	64	64	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	4/14/2014	64	64	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	5/12/2014	64	65	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	6/23/2014	65	65	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	1/25/2015	65	65	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	2/18/2015	65	66	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	3/23/2015	66	66	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	4/22/2015	66	66	Monthly		Maintenance Testing
SC1-V1-GEN#B2	S-21	5/22/2015	66	71	5	Load Bank Test	Load Testing

SC1-V1-GEN#B2	S-21	6/24/2015	71	71	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	7/22/2015	71	71	0	APM	Maintenance Testing
SC1-V1-GEN#B2	S-21	8/26/2015	71	72	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	9/23/2015	72	72	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	10/25/2015	72	72	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	11/25/2015	72	72	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	12/23/2015	72	72	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B2	S-21	1/9/2017	88	88	0	MPM	Maintenance Testing
SC1-V1-GEN#B2	S-21	3/1/2017	88	88	0	monthly run	Maintenance Testing
SC1-V1-GEN#B2	S-21	6/12/2017	91	91	0	monthly run	Maintenance Testing
SC1-V1-GEN#B2	S-21	8/30/2017	91	91	0	APM testing	Maintenance Testing
SC1-V1-GEN#B2	S-21	10/29/2017	91	91	0	monthly run	Maintenance Testing
SC1-V1-GEN#B2	S-21	11/28/2017	92	92	0	monthly run satisfied under PSG testing	Maintenance Testing
SC1-V1-GEN#B2	S-21	12/27/2017	92	92	0	monthly PM run	Maintenance Testing
SC1-V1-GEN#B2	S-21	1/29/2018	92	92	0	monthly run	Maintenance Testing
SC1-V1-GEN#B2	S-21	2/28/2018	92	93	1	MPM	Maintenance Testing
SC1-V1-GEN#B1	S-22	6/4/2006	20	20	0	PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	7/6/2006	20	20	0	PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	9/8/2006	20	21	1	PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	10/27/2006	21	21	0	PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	11/14/2006	21	24	3	Peterson Power Load Bank Test	Load Testing
SC1-V1-GEN#B1	S-22	12/26/2006	24	24	0	PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	1/25/2007	24	24	0	PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	2/13/2007	24	24	0	PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	3/14/2007	24	24	0	PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	3/27/2007	24	24	0	PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	4/10/2007	24	24	0	PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	1/3/2008	30	30	0	PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	2/12/2008	30	30	0	PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	3/27/2008	30	30	0	PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	4/16/2008	30	30	0	PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	5/27/2008	30	30	0	PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	6/20/2008	30	31	1	PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	7/17/2008	31	31	0	PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	8/13/2008	31	31	0	PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	9/12/2008	31	31	0	PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	10/22/2008	31	31	0	PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	11/18/2008	31	32	1	PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	12/23/2008	32	32	0	PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	1/19/2009	32	32	0	Monthly	Maintenance Testing
SC1-V1-GEN#B1	S-22	2/23/2009	32	32	0	Monthly	Maintenance Testing
SC1-V1-GEN#B1	S-22	3/20/2009	32	32	0	Monthly	Maintenance Testing
SC1-V1-GEN#B1	S-22	4/20/2009	32	32	0	Monthly	Maintenance Testing
SC1-V1-GEN#B1	S-22	5/18/2009	32	33	1	Monthly	Maintenance Testing
SC1-V1-GEN#B1	S-22	6/19/2009	33	33	0	Monthly	Maintenance Testing
SC1-V1-GEN#B1	S-22	7/16/2009	33	34	1	Monthly	Maintenance Testing
SC1-V1-GEN#B1	S-22	8/20/2009	34	34	0	Monthly	Maintenance Testing
SC1-V1-GEN#B1	S-22	9/18/2009	34	34	0	Monthly	Maintenance Testing
SC1-V1-GEN#B1	S-22	12/24/2009	35	38	3	Load Bank Test	Load Testing
SC1-V1-GEN#B1	S-22	7/14/2011	44	51	7	Load Test	Load Testing
SC1-V1-GEN#B1	S-22	11/21/2011	52	53	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	12/21/2011	53	53	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	1/31/2012	53	53	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	2/28/2012	53	53	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	3/28/2012	53	53	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	4/24/2012	53	54	1	Monthly PM	Maintenance Testing

SC1-V1-GEN#B1	S-22	5/16/2012	54	54	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	7/28/2012	54	54	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	8/29/2012	54	54	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	10/30/2012	54	55	1	Monthly PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	4/3/2013	56	60	4	100% Load Bank	Load Testing
SC1-V1-GEN#B1	S-22	2/3/2014	60	61	1	Monthly	Maintenance Testing
SC1-V1-GEN#B1	S-22	3/24/2014	61	61	0	Monthly	Maintenance Testing
SC1-V1-GEN#B1	S-22	4/14/2014	61	61	0	Monthly	Maintenance Testing
SC1-V1-GEN#B1	S-22	5/12/2014	61	61	0	Monthly	Maintenance Testing
SC1-V1-GEN#B1	S-22	6/23/2014	61	62	1	Monthly	Maintenance Testing
SC1-V1-GEN#B1	S-22	7/10/2014	62	62	0	APM	Maintenance Testing
SC1-V1-GEN#B1	S-22	1/25/2015	62	62	0	Monthly	Maintenance Testing
SC1-V1-GEN#B1	S-22	3/23/2015	63	63	0	Monthly	Maintenance Testing
SC1-V1-GEN#B1	S-22	4/22/2015	63	64	1	Monthly	Maintenance Testing
SC1-V1-GEN#B1	S-22	5/22/2015	64	68	4	Load Bank Testing	Load Testing
SC1-V1-GEN#B1	S-22	6/24/2015	68	69	1	Monthly Run	Maintenance Testing
SC1-V1-GEN#B1	S-22	7/22/2015	69	69	0	APM	Maintenance Testing
SC1-V1-GEN#B1	S-22	8/26/2015	69	69	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#B1	S-22	9/23/2015	69	69	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#B1	S-22	10/25/2015	69	70	1	Monthly Run	Maintenance Testing
SC1-V1-GEN#B1	S-22	11/25/2015	70	70	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#B1	S-22	12/22/2015	70	70	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#B1	S-22	10/6/2016	78	85	7	testing A2 generator	Maintenance Testing
SC1-V1-GEN#B1	S-22	3/1/2017	85	85	0	monthly run	Maintenance Testing
SC1-V1-GEN#B1	S-22	6/12/2017	88	88	0	monthly run	Maintenance Testing
SC1-V1-GEN#B1	S-22	8/30/2017	88	89	1	annual PM	Maintenance Testing
SC1-V1-GEN#B1	S-22	10/29/2017	89	89	0	monthly run	Maintenance Testing
SC1-V1-GEN#B1	S-22	11/28/2017	89	89	0	MOM satisfied by gen run on 11/17/17	Maintenance Testing
SC1-V1-GEN#B1	S-22	12/27/2017	89	89	0	monthly run pm	Maintenance Testing
SC1-V1-GEN#B1	S-22	1/29/2018	89	90	1	monthly run	Maintenance Testing
SC1-V1-GEN#B1	S-22	2/28/2018	90	90	0	M/PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	6/9/2006	25	26	1	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	7/6/2006	26	26	0	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	9/8/2006	26	26	0	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	10/27/2006	26	26	0	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	11/14/2006	26	29	3	Load Bank Test by Peterson Power	Load Testing
SC1-V1-GEN#A1	S-23	12/26/2006	29	29	0	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	1/25/2007	29	29	0	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	2/13/2007	29	29	0	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	3/14/2007	29	30	1	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	3/27/2007	30	30	0	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	4/10/2007	30	30	0	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	4/23/2007	30	30	0	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	1/3/2008	36	36	0	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	2/6/2008	36	37	1	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	3/7/2008	37	37	0	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	4/16/2008	37	37	0	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	5/27/2008	37	37	0	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	6/19/2008	37	37	0	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	7/17/2008	37	37	0	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	8/13/2008	37	37	0	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	9/12/2008	37	38	1	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	10/21/2008	38	38	0	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	11/18/2008	38	38	0	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	12/23/2008	38	38	0	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	1/19/2009	38	38	0	PM	Maintenance Testing



SC1-V1-GEN#A1	S-23	2/23/2009	38	38	0	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	3/20/2009	38	39	1	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	4/20/2009	39	39	0	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	5/18/2009	39	39	0	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	6/19/2009	39	40	1	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	7/16/2009	40	40	0	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	8/20/2009	40	40	0	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	9/18/2009	40	41	1	PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	7/5/2011	48	49	1	Annual Service PPSI	Load Testing
SC1-V1-GEN#A1	S-23	11/21/2011	60	61	1	PM Monthly	Maintenance Testing
SC1-V1-GEN#A1	S-23	12/21/2011	61	61	0	PM Monthly	Maintenance Testing
SC1-V1-GEN#A1	S-23	1/31/2012	61	61	0	PM Monthly	Maintenance Testing
SC1-V1-GEN#A1	S-23	2/28/2012	61	61	0	PM Monthly	Maintenance Testing
SC1-V1-GEN#A1	S-23	3/28/2012	61	62	1	PM Monthly	Maintenance Testing
SC1-V1-GEN#A1	S-23	4/24/2012	62	62	0	PM Monthly	Maintenance Testing
SC1-V1-GEN#A1	S-23	5/16/2012	62	62	0	PM Monthly	Maintenance Testing
SC1-V1-GEN#A1	S-23	7/28/2012	62	62	0	PM Monthly	Maintenance Testing
SC1-V1-GEN#A1	S-23	8/25/2012	62	63	1	Average Monthly PM	Maintenance Testing
SC1-V1-GEN#A1	S-23	10/20/2012	63	63	0	Oct Monthly	Maintenance Testing
SC1-V1-GEN#A1	S-23	3/4/2013	63	63	0	Monthly	Maintenance Testing
SC1-V1-GEN#A1	S-23	4/3/2013	63	68	5	100% Load Bank	Load Testing
SC1-V1-GEN#A1	S-23	7/11/2013	68	68	0	Annual Run	Load Testing
SC1-V1-GEN#A1	S-23	1/25/2015	68	68	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#A1	S-23	3/23/2015	70	70	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#A1	S-23	4/22/2015	70	70	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#A1	S-23	5/22/2015	70	76	6	Load Bank	Load Testing
SC1-V1-GEN#A1	S-23	6/24/2015	76	76	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#A1	S-23	7/21/2015	76	76	0	APM	Maintenance Testing
SC1-V1-GEN#A1	S-23	8/26/2015	76	76	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#A1	S-23	9/23/2015	76	77	1	Monthly Run	Maintenance Testing
SC1-V1-GEN#A1	S-23	10/25/2015	77	77	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#A1	S-23	11/25/2015	77	77	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#A1	S-23	12/23/2015	77	77	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#A1	S-23	3/1/2017	93	93	0	MPM	Maintenance Testing
SC1-V1-GEN#A1	S-23	6/12/2017	97	97	0	monthly run	Maintenance Testing
SC1-V1-GEN#A1	S-23	8/29/2017	97	97	0	apm	Maintenance Testing
SC1-V1-GEN#A1	S-23	10/19/2017	97	97	0	mpm	Maintenance Testing
SC1-V1-GEN#A1	S-23	12/27/2017	98	98	0	monthly run	Maintenance Testing
SC1-V1-GEN#A1	S-23	1/29/2018	98	99	1	MPM	Maintenance Testing
SC1-V1-GEN#A1	S-23	2/28/2018	99	99	0	MPM	Maintenance Testing
SC1-V3-GEN#1	S-24	11/29/2011	39.9	40.3	0.4	Monthly PM	Maintenance Testing
SC1-V3-GEN#1	S-24	12/23/2011	40.3	40.7	0.4	Monthly PM	Maintenance Testing
SC1-V3-GEN#1	S-24	2/28/2012	43.2	43.5	0.3	Monthly PM	Maintenance Testing
SC1-V3-GEN#1	S-24	4/26/2012	43.5	43.8	0.3	Monthly PM	Maintenance Testing
SC1-V3-GEN#1	S-24	7/2/2012	43.8	44	0.2	Monthly PM	Maintenance Testing
SC1-V3-GEN#1	S-24	3/13/2013	64.1	67.5	3.4	APM Run	Maintenance Testing
SC1-V3-GEN#1	S-24	3/19/2013	67.5	70.3	2.8	Full Load Run	Load Testing
SC1-V3-GEN#1	S-24	7/10/2013	75.2	75.5	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#1	S-24	9/8/2013	75.5	75.8	0.3	Rocker Monthly	Maintenance Testing
SC1-V3-GEN#1	S-24	11/7/2013	75.8	76	0.2	Monthly	Maintenance Testing
SC1-V3-GEN#1	S-24	2/6/2013	76	76.2	0.2	Monthly	Maintenance Testing
SC1-V3-GEN#1	S-24	3/27/2015	81.5	82.2	0.7	Monthly	Maintenance Testing
SC1-V3-GEN#1	S-24	4/9/2015	82.2	82.6	0.4	Monthly	Maintenance Testing
SC1-V3-GEN#1	S-24	5/14/2015	82.6	82.9	0.3	Monthly	Maintenance Testing
SC1-V3-GEN#1	S-24	6/24/2015	83.4	83.6	0.2	Monthly	Maintenance Testing
SC1-V3-GEN#1	S-24	7/7/2014	83.6	83.7	0.1	Petersons Power APM	Load Testing

SC1-V3-GEN#1	S-24	9/2/2014	83.7	83.8	0.1	Monthly	Maintenance Testing
SC1-V3-GEN#1	S-24	10/6/2014	83.8	83.9	0.1	Monthly	Maintenance Testing
SC1-V3-GEN#1	S-24	11/2/2014	83.9	84	0.1	Monthly	Maintenance Testing
SC1-V3-GEN#1	S-24	12/2/2014	84.1	84.2	0.1	Monthly	Maintenance Testing
SC1-V3-GEN#1	S-24	1/5/2015	84.2	84.3	0.1	Monthly	Maintenance Testing
SC1-V3-GEN#1	S-24	2/2/2015	84.3	84.4	0.1	Monthly	Maintenance Testing
SC1-V3-GEN#1	S-24	3/10/2015	85.4	86.4	1	Service PM Load Bank Testing	Load Testing
SC1-V3-GEN#1	S-24	4/13/2015	87.2	87.5	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#1	S-24	5/4/2015	87.5	92.1	4.6	Load Bank Test	Load Testing
SC1-V3-GEN#1	S-24	6/16/2015	92.1	92.3	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#1	S-24	7/23/2015	92.3	92.5	0.2	APM	Maintenance Testing
SC1-V3-GEN#1	S-24	8/16/2015	92.5	92.8	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#1	S-24	9/15/2015	92.8	93	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#1	S-24	10/13/2015	93	93.3	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#1	S-24	11/11/2015	93.3	93.5	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#1	S-24	12/16/2015	93.5	93.8	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#1	S-24	1/12/2016	93.8	94.2	0.4	Monthly Run	Maintenance Testing
SC1-V3-GEN#1	S-24	4/11/2016	104.4	104.6	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#1	S-24	7/13/2016	124.4	124.5	0.1	Annual PM	Maintenance Testing
SC1-V3-GEN#1	S-24	8/15/2016	124.5	124.8	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#1	S-24	9/16/2016	124.8	125.2	0.4	Monthly Run	Maintenance Testing
SC1-V3-GEN#1	S-24	10/12/2016	125.2	125.5	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#1	S-24	11/14/2016	125.5	125.8	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#1	S-24	12/14/2016	125.8	126.1	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#1	S-24	1/12/2017	126.1	126.3	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#1	S-24	2/15/2017	126.3	126.5	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#1	S-24	3/13/2017	126.5	126.7	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#1	S-24	4/11/2017	126.7	127	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#1	S-24	6/12/2017	135.1	135.3	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#1	S-24	8/14/2017	135.3	135.6	0.3	monthly run	Maintenance Testing
SC1-V3-GEN#1	S-24	8/30/2017	135.6	135.6	0	APM	Maintenance Testing
SC1-V3-GEN#1	S-24	10/10/2017	135.6	135.9	0.3	monthly run	Maintenance Testing
SC1-V3-GEN#1	S-24	11/14/2017	135.9	136.1	0.2	monthly run	Maintenance Testing
SC1-V3-GEN#1	S-24	12/11/2017	136.1	136.7	0.6	RKU annual PM	Maintenance Testing
SC1-V3-GEN#1	S-24	1/17/2018	136.7	137	0.3	monthly run	Maintenance Testing
SC1-V3-GEN#1	S-24	2/16/2018	137	137.2	0.2	monthly run	Maintenance Testing
SC1-V3-GEN#1	S-24	3/12/2018	137.2	137.4	0.2	MPM	Maintenance Testing
SC1-V3-GEN#1	S-24	7/24/2018	141	143	2	Load Bank APM	Load Testing
SC1-V3-GEN#2	S-25	11/29/2011	37.9	38.2	0.3	Monthly PM	Maintenance Testing
SC1-V3-GEN#2	S-25	12/23/2011	38.2	38.5	0.3	Monthly PM	Maintenance Testing
SC1-V3-GEN#2	S-25	2/28/2012	41	41.3	0.3	Monthly PM	Maintenance Testing
SC1-V3-GEN#2	S-25	4/26/2012	41.3	41.6	0.3	Monthly PM	Maintenance Testing
SC1-V3-GEN#2	S-25	7/2/2012	41.6	42	0.4	Monthly PM	Maintenance Testing
SC1-V3-GEN#2	S-25	3/14/2013	80.4	83.2	2.8	Annual Maintenance	Maintenance Testing
SC1-V3-GEN#2	S-25	3/18/2013	83.2	85.7	2.5	Full Load Test	Load Testing
SC1-V3-GEN#2	S-25	7/10/2013	90.8	91.1	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#2	S-25	8/8/2013	91.1	91.3	0.2	Monthly Run and Valve repair	Maintenance Testing
SC1-V3-GEN#2	S-25	11/7/2013	91.3	91.9	0.6	Monthly Run	Maintenance Testing
SC1-V3-GEN#2	S-25	2/16/2014	91.9	92.1	0.2	Monthly	Maintenance Testing
SC1-V3-GEN#2	S-25	3/27/2014	97.5	98	0.5	Monthly	Maintenance Testing
SC1-V3-GEN#2	S-25	4/9/2014	98	98.4	0.4	Monthly	Maintenance Testing
SC1-V3-GEN#2	S-25	5/14/2014	98.4	98.8	0.4	Monthly	Maintenance Testing
SC1-V3-GEN#2	S-25	6/24/2014	99.2	99.4	0.2	Monthly	Maintenance Testing
SC1-V3-GEN#2	S-25	9/2/2014	99.7	99.7	0	Monthly	Maintenance Testing
SC1-V3-GEN#2	S-25	10/6/2014	99.7	99.8	0.1	Monthly Run	Maintenance Testing
SC1-V3-GEN#2	S-25	11/2/2014	99.8	99.9	0.1	Monthly Run	Maintenance Testing

SC1-V3-GEN#2	S-25	12/2/2014	99.9	100	0.1	Monthly Run	Maintenance Testing
SC1-V3-GEN#2	S-25	1/5/2015	100	100.1	0.1	Monthly Run	Maintenance Testing
SC1-V3-GEN#2	S-25	2/2/2015	100.1	100.1	0	Monthly Run	Maintenance Testing
SC1-V3-GEN#2	S-25	4/13/2015	103.5	103.7	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#2	S-25	6/16/2015	108	108.2	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#2	S-25	7/23/2015	108.2	108.3	0.1	APM	Maintenance Testing
SC1-V3-GEN#2	S-25	8/16/2015	108.3	108.6	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#2	S-25	9/15/2015	108.6	108.8	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#2	S-25	10/13/2015	108.8	109.1	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#2	S-25	11/11/2015	109.1	109.3	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#2	S-25	12/16/2015	109.3	109.6	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#2	S-25	1/12/2016	109.6	110	0.4	Monthly Run	Maintenance Testing
SC1-V3-GEN#2	S-25	4/11/2016	120.1	120.4	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#2	S-25	7/14/2016	140.2	140.3	0.1	Annual PM	Maintenance Testing
SC1-V3-GEN#2	S-25	8/15/2016	140.3	140.6	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#2	S-25	9/16/2016	140.6	141	0.4	Monthly Run	Maintenance Testing
SC1-V3-GEN#2	S-25	10/12/2016	141	141.4	0.4	Monthly Run	Maintenance Testing
SC1-V3-GEN#2	S-25	11/14/2016	141.4	141.6	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#2	S-25	12/14/2016	141.6	141.9	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#2	S-25	1/12/2017	141.9	142.1	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#2	S-25	2/15/2017	142.1	142.3	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#2	S-25	3/13/2017	142.3	142.6	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#2	S-25	4/11/2017	142.6	142.8	0.2	Monthly run	Maintenance Testing
SC1-V3-GEN#2	S-25	6/12/2017	147.2	147.4	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#2	S-25	8/14/2017	147.2	147.6	0.4	monthly run	Maintenance Testing
SC1-V3-GEN#2	S-25	8/30/2017	147.6	147.6	0	APM	Maintenance Testing
SC1-V3-GEN#2	S-25	10/16/2017	147.7	147.9	0.2	monthly run	Maintenance Testing
SC1-V3-GEN#2	S-25	11/13/2017	147.9	148.2	0.3	monthly run	Maintenance Testing
SC1-V3-GEN#2	S-25	1/17/2018	148.8	149	0.2	monthly run	Maintenance Testing
SC1-V3-GEN#2	S-25	2/16/2018	149	149.2	0.2	monthly run	Maintenance Testing
SC1-V3-GEN#2	S-25	3/12/2018	149.2	149.4	0.2	MPM	Maintenance Testing
SC1-V3-GEN#2	S-25	7/24/2018	149	157	8	Load Bank APM	Load Testing
SC1-V3-GEN#3	S-26	11/29/2011	38.5	38.8	0.3	Monthly PM	Maintenance Testing
SC1-V3-GEN#3	S-26	12/23/2011	38.8	39.3	0.5	Monthly PM	Maintenance Testing
SC1-V3-GEN#3	S-26	2/28/2012	41.8	42.1	0.3	Monthly PM	Maintenance Testing
SC1-V3-GEN#3	S-26	4/26/2012	42.1	42.5	0.4	Monthly PM	Maintenance Testing
SC1-V3-GEN#3	S-26	7/2/2012	42.5	42.7	0.2	Monthly PM	Maintenance Testing
SC1-V3-GEN#3	S-26	3/15/2013	63	65.8	2.8	Maintenance Load Bank	Load Testing
SC1-V3-GEN#3	S-26	7/10/2013	73.5	73.8	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	8/21/2013	73.8	74.1	0.3	Monthly Test Run and Valve Adjustmen	Maintenance Testing
SC1-V3-GEN#3	S-26	11/7/2013	74.1	74.5	0.4	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	2/6/2014	74.5	74.7	0.2	Monthly	Maintenance Testing
SC1-V3-GEN#3	S-26	3/27/2014	80	80.5	0.5	Monthly	Maintenance Testing
SC1-V3-GEN#3	S-26	4/9/2014	80.5	80.9	0.4	Monthly	Maintenance Testing
SC1-V3-GEN#3	S-26	5/14/2014	81.1	81.3	0.2	Monthly	Maintenance Testing
SC1-V3-GEN#3	S-26	6/24/2014	81.7	82	0.3	Monthly	Maintenance Testing
SC1-V3-GEN#3	S-26	7/7/2014	82	82.1	0.1	Annual	Load Testing
SC1-V3-GEN#3	S-26	9/2/2014	82.1	82.3	0.2	Monthly	Maintenance Testing
SC1-V3-GEN#3	S-26	10/6/2014	82.3	82.4	0.1	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	11/2/2014	82.4	82.5	0.1	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	12/2/2014	82.5	82.6	0.1	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	1/5/2015	82.6	82.7	0.1	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	2/2/2015	82.7	82.8	0.1	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	4/13/2015	85.9	86.1	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	5/6/2015	86.1	90.6	4.5	Load Bank Test	Load Testing
SC1-V3-GEN#3	S-26	6/16/2015	90.6	90.8	0.2	Monthly Run	Maintenance Testing

SC1-V3-GEN#3	S-26	7/23/2015	90.8	91	0.2	APM	Maintenance Testing
SC1-V3-GEN#3	S-26	8/16/2015	91	91.2	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	9/15/2015	91.2	91.5	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	10/13/2015	91.5	91.7	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	11/11/2015	91.7	91.9	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	12/16/2015	91.9	92.2	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	1/12/2016	92.2	92.7	0.5	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	4/11/2016	102.8	103	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	7/14/2016	122.9	123	0.1	Annual PM	Maintenance Testing
SC1-V3-GEN#3	S-26	8/15/2016	123	123.2	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	9/16/2016	123.2	123.7	0.5	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	10/12/2016	123.7	124	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	11/14/2016	124	124.2	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	12/14/2016	124.2	124.5	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	1/12/2017	124.5	124.7	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	2/15/2017	124.7	125	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	3/13/2017	125	125.2	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	4/11/2017	125.2	125.4	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	6/12/2017	135.6	135.8	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#3	S-26	1/11/2017	137.2	137.5	0.3	monthly run	Maintenance Testing
SC1-V3-GEN#3	S-26	8/14/2017	135.8	136.1	0.3	monthly run	Maintenance Testing
SC1-V3-GEN#3	S-26	9/15/2017	136.1	136.1	0	APM run	Maintenance Testing
SC1-V3-GEN#3	S-26	10/16/2017	136.1	136.4	0.3	MPM	Maintenance Testing
SC1-V3-GEN#3	S-26	11/13/2017	136.4	136.6	0.2	MPM	Maintenance Testing
SC1-V3-GEN#3	S-26	12/11/2017	136.6	137.2	0.6	annual PM PSG	Maintenance Testing
SC1-V3-GEN#3	S-26	2/16/2018	137.5	137.7	0.2	monthly run	Maintenance Testing
SC1-V3-GEN#3	S-26	3/12/2018	137.7	137.9	0.2	MPM	Maintenance Testing
SC1-V3-GEN#3	S-26	7/24/2018	142	145	3	Load Bank APM	Load Testing
SC1-V3-GEN#4	S-27	11/29/2011	44.7	45.1	0.4	Monthly PM	Maintenance Testing
SC1-V3-GEN#4	S-27	12/23/2011	45.1	45.5	0.4	Monthly PM	Maintenance Testing
SC1-V3-GEN#4	S-27	2/28/2012	48	48.3	0.3	Monthly PM	Maintenance Testing
SC1-V3-GEN#4	S-27	4/26/2012	48.3	48.7	0.4	Monthly PM	Maintenance Testing
SC1-V3-GEN#4	S-27	7/2/2012	48.7	48.9	0.2	Monthly PM	Maintenance Testing
SC1-V3-GEN#4	S-27	3/1/2013	85.9	86.4	0.5	Monthly	Maintenance Testing
SC1-V3-GEN#4	S-27	3/15/2013	86.4	91	4.6	Load Bank 100%	Load Testing
SC1-V3-GEN#4	S-27	7/10/2013	96.1	96.2	0.1	Monthly	Maintenance Testing
SC1-V3-GEN#4	S-27	11/7/2013	96.4	96.8	0.4	Monthly	Maintenance Testing
SC1-V3-GEN#4	S-27	2/6/2014	96.8	97.1	0.3	Monthly	Maintenance Testing
SC1-V3-GEN#4	S-27	3/27/2014	102.4	102.9	0.5	Monthly	Maintenance Testing
SC1-V3-GEN#4	S-27	4/9/2014	102.9	103.3	0.4	Monthly	Maintenance Testing
SC1-V3-GEN#4	S-27	5/14/2014	103.3	103.7	0.4	Monthly	Maintenance Testing
SC1-V3-GEN#4	S-27	6/24/2014	104.2	104.4	0.2	Monthly	Maintenance Testing
SC1-V3-GEN#4	S-27	9/2/2014	104.5	104.6	0.1	Monthly	Maintenance Testing
SC1-V3-GEN#4	S-27	10/6/2014	104.6	104.7	0.1	Monthly	Maintenance Testing
SC1-V3-GEN#4	S-27	11/2/2014	104.7	104.8	0.1	Monthly	Maintenance Testing
SC1-V3-GEN#4	S-27	12/2/2014	104.8	104.9	0.1	Monthly	Maintenance Testing
SC1-V3-GEN#4	S-27	1/5/2015	104.9	105	0.1	Monthly Run	Maintenance Testing
SC1-V3-GEN#4	S-27	2/2/2015	105	105.1	0.1	Monthly Run	Maintenance Testing
SC1-V3-GEN#4	S-27	4/13/2015	107.9	108.2	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#4	S-27	5/4/2015	108.2	112.7	4.5	Load Bank Test	Load Testing
SC1-V3-GEN#4	S-27	6/16/2015	112.7	112.9	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#4	S-27	7/24/2015	112.9	113.2	0.3	APM	Maintenance Testing
SC1-V3-GEN#4	S-27	9/15/2015	113.2	113.5	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#4	S-27	10/13/2015	113.5	113.7	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#4	S-27	11/11/2015	113.7	114	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#4	S-27	12/16/2015	114	114.2	0.2	Monthly Run	Maintenance Testing

SC1-V3-GEN#4	S-27	1/12/2016	114.2	114.6	0.4	Monthly Run	Maintenance Testing
SC1-V3-GEN#4	S-27	4/11/2016	124.7	125	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#4	S-27	7/15/2016	144.8	144.9	0.1	Annual PM	Maintenance Testing
SC1-V3-GEN#4	S-27	8/15/2016	144.9	145.2	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#4	S-27	9/16/2016	145.2	145.7	0.5	Monthly Run	Maintenance Testing
SC1-V3-GEN#4	S-27	10/12/2016	145.7	146	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#4	S-27	11/14/2016	146	146.2	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#4	S-27	12/14/2016	146.2	146.5	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#4	S-27	1/12/2017	146.5	146.7	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#4	S-27	2/15/2017	146.7	147	0.3	Monthly Run	Maintenance Testing
SC1-V3-GEN#4	S-27	3/13/2017	147	147.2	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#4	S-27	4/11/2017	147.2	147.4	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#4	S-27	6/12/2017	157.7	157.9	0.2	Monthly Run	Maintenance Testing
SC1-V3-GEN#4	S-27	1/11/2017	159.3	159.6	0.3	monthly run	Maintenance Testing
SC1-V3-GEN#4	S-27	8/14/2017	157.9	158.2	0.3	MPM	Maintenance Testing
SC1-V3-GEN#4	S-27	9/15/2017	158.2	158.2	0	APM	Maintenance Testing
SC1-V3-GEN#4	S-27	10/16/2017	158.2	158.5	0.3	MPM	Maintenance Testing
SC1-V3-GEN#4	S-27	11/13/2017	158.5	158.7	0.2	MPM	Maintenance Testing
SC1-V3-GEN#4	S-27	12/11/2017	158.7	159.3	0.6	annual PM SWGR	Maintenance Testing
SC1-V3-GEN#4	S-27	2/16/2018	159.6	159.8	0.2	monthly run	Maintenance Testing
SC1-V3-GEN#4	S-27	3/12/2018	159.8	160	0.2	MPM	Maintenance Testing
SC1-V3-GEN#4	S-27	7/24/2018	163	170	7	Load Bank APM	Load Testing
SC1-V2-GEN#1	S-33	11/23/2011	47	47	0	Monthly PM	Maintenance Testing
SC1-V2-GEN#1	S-33	12/22/2011	48	49	1	Monthly PM	Maintenance Testing
SC1-V2-GEN#1	S-33	1/25/2011	49	49	0	Monthly PM	Maintenance Testing
SC1-V2-GEN#1	S-33	2/29/2012	49	49	0	Monthly PM	Maintenance Testing
SC1-V2-GEN#1	S-33	3/30/2012	49	50	1	Load Transfer Test	Load Testing
SC1-V2-GEN#1	S-33	4/25/2012	50	50	0	Monthly PM	Maintenance Testing
SC1-V2-GEN#1	S-33	7/20/2012	51	51	0	Monthly PM	Maintenance Testing
SC1-V2-GEN#1	S-33	10/30/2012	52	52	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#1	S-33	3/11/2013	92	92	0	Monthly	Maintenance Testing
SC1-V2-GEN#1	S-33	3/26/2013	97	102	5	100 % Load Bank	Load Testing
SC1-V2-GEN#1	S-33	9/3/2013	102	102	0	Monthly	Maintenance Testing
SC1-V2-GEN#1	S-33	12/4/2013	102	102	0	Monthly	Maintenance Testing
SC1-V2-GEN#1	S-33	2/7/2014	102	102	0	Monthly	Maintenance Testing
SC1-V2-GEN#1	S-33	4/9/2014	111	112	1	Monthly Gen Run Pm	Maintenance Testing
SC1-V2-GEN#1	S-33	5/21/2014	112	112	0	Monthly Gen Run Pm	Maintenance Testing
SC1-V2-GEN#1	S-33	9/4/2014	112	114	2	Warranty Wook - Annual PM	Maintenance Testing
SC1-V2-GEN#1	S-33	11/3/2014	115	115	0	V2 Gen Monthly	Maintenance Testing
SC1-V2-GEN#1	S-33	12/4/2014	115	115	0	Monthly	Maintenance Testing
SC1-V2-GEN#1	S-33	1/5/2014	115	116	1	MPM	Maintenance Testing
SC1-V2-GEN#1	S-33	2/3/2015	116	116	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#1	S-33	3/4/2015	116	116	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#1	S-33	4/6/2015	116	116	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#1	S-33	4/16/2015	116	117	1	Load Test	Load Testing
SC1-V2-GEN#1	S-33	5/11/2015	120	124	4	Load Bank Annual	Load Testing
SC1-V2-GEN#1	S-33	6/6/2015	124	124	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#1	S-33	7/29/2015	124	124	0	APM	Maintenance Testing
SC1-V2-GEN#1	S-33	8/9/2015	124	124	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#1	S-33	9/6/2015	124	125	1	Monthly Run	Maintenance Testing
SC1-V2-GEN#1	S-33	10/7/2015	125	125	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#1	S-33	11/5/2015	125	125	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#1	S-33	3/22/2016	148.51	149.21	0.7	Monthly run	Maintenance Testing
SC1-V2-GEN#1	S-33	7/25/2016	172.6	175	2.4	Annual PM	Maintenance Testing
SC1-V2-GEN#1	S-33	8/9/2016	183.25	187.6	4.35	Load Testing	Load Testing
SC1-V2-GEN#1	S-33	8/18/2016	187.6	187.85	0.25	Monthly run	Maintenance Testing

SC1-V2-GEN#1	S-33	8/19/2016	187.85	188.6	0.75	Load Transfer Testing	Load Testing
SC1-V2-GEN#1	S-33	10/10/2016	190.1	190.4	0.3	Monthly run	Maintenance Testing
SC1-V2-GEN#1	S-33	11/7/2016	190.4	190.7	0.3	Monthly run	Maintenance Testing
SC1-V2-GEN#1	S-33	12/5/2016	190.7	190.8	0.1	Monthly run	Maintenance Testing
SC1-V2-GEN#1	S-33	1/9/2017	190.8	190.86	0.06	Monthly run	Maintenance Testing
SC1-V2-GEN#1	S-33	2/6/2017	190.95	191.05	0.1	Monthly run	Maintenance Testing
SC1-V2-GEN#1	S-33	3/15/2017	191.05	191.2	0.15	Monthly run	Maintenance Testing
SC1-V2-GEN#1	S-33	4/8/2017	191.2	191.3	0.1	Monthly run	Maintenance Testing
SC1-V2-GEN#1	S-33	11/7/2016	190.24	190.42	0.18	monthly run	Maintenance Testing
SC1-V2-GEN#1	S-33	12/5/2016	190.42	190.48	0.06	monthly run	Maintenance Testing
SC1-V2-GEN#1	S-33	1/9/2017	190.48	190.52	0.04	MPM	Maintenance Testing
SC1-V2-GEN#1	S-33	2/6/2017	190.57	191.03	0.46	MPM	Maintenance Testing
SC1-V2-GEN#1	S-33	3/10/2017	191.03	191.12	0.09	monthly run	Maintenance Testing
SC1-V2-GEN#1	S-33	4/8/2017	191.12	191.18	0.06	monthly run	Maintenance Testing
SC1-V2-GEN#1	S-33	6/7/2017	195.45	195.59	0.14	monthly run	Maintenance Testing
SC1-V2-GEN#1	S-33	8/8/2017	195.54	196	0.46	monthly run	Maintenance Testing
SC1-V2-GEN#1	S-33	9/21/2017	196	196.1	0.1	APM	Maintenance Testing
SC1-V2-GEN#1	S-33	10/10/2017	196.06	196.12	0.06	monthly run	Maintenance Testing
SC1-V2-GEN#1	S-33	11/6/2017	196.12	196.18	0.06	MPM	Maintenance Testing
SC1-V2-GEN#1	S-33	12/5/2017	196.18	196.3	0.12	MU APM	Maintenance Testing
SC1-V2-GEN#1	S-33	1/10/2018	196.3	196.45	0.15	monthly run	Maintenance Testing
SC1-V2-GEN#1	S-33	2/6/2018	169.45	197.15	27.7	monthly run	Maintenance Testing
SC1-V2-GEN#1	S-33	3/6/2018	197.15	197.3	0.15	MPM	Maintenance Testing
SC1-V2-GEN#2	S-34	11/23/2011	44	45	1	Monthly PM	Maintenance Testing
SC1-V2-GEN#2	S-34	12/22/2011	45	46	1	Monthly PM	Maintenance Testing
SC1-V2-GEN#2	S-34	1/25/2012	46	46	0	Monthly PM	Maintenance Testing
SC1-V2-GEN#2	S-34	2/24/2012	46	47	1	Monthly PM	Maintenance Testing
SC1-V2-GEN#2	S-34	3/30/2012	47	48	1	Monthly PM ZZR Install Test	Maintenance Testing
SC1-V2-GEN#2	S-34	4/25/2012	48	48	0	Monthly PM	Maintenance Testing
SC1-V2-GEN#2	S-34	7/28/2012	49	49	0	Monthly PM	Maintenance Testing
SC1-V2-GEN#2	S-34	8/30/2012	49	49	0	Month End Test	Maintenance Testing
SC1-V2-GEN#2	S-34	10/30/2012	49	49	0	Monthly Test Run	Maintenance Testing
SC1-V2-GEN#2	S-34	3/8/2013	70	71	1	Monthly	Maintenance Testing
SC1-V2-GEN#2	S-34	3/25/2013	76	80	4	100 % Load Bank	Load Testing
SC1-V2-GEN#2	S-34	10/24/2013	80	80	0	Pressure Switch and Monthly Run	Maintenance Testing
SC1-V2-GEN#2	S-34	12/4/2013	80	80	0	Monthly	Maintenance Testing
SC1-V2-GEN#2	S-34	2/7/2014	80	80	0	Monthly	Maintenance Testing
SC1-V2-GEN#2	S-34	3/22/2014	81	85	4	Hops Transfer/Monthly	Maintenance Testing
SC1-V2-GEN#2	S-34	4/9/2014	85	85	0	Monthly Generator Run PM	Maintenance Testing
SC1-V2-GEN#2	S-34	5/21/2014	85	86	1	Monthly Generator Run PM	Maintenance Testing
SC1-V2-GEN#2	S-34	11/3/2014	86	89	3	Monthly	Maintenance Testing
SC1-V2-GEN#2	S-34	12/4/2014	89	89	0	Monthly	Maintenance Testing
SC1-V2-GEN#2	S-34	1/5/2015	89	90	1	MPM	Maintenance Testing
SC1-V2-GEN#2	S-34	2/2/2015	90	90	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#2	S-34	3/5/2015	90	90	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#2	S-34	4/6/2015	90	90	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#2	S-34	5/12/2015	94	98	4	Load Banking	Load Testing
SC1-V2-GEN#2	S-34	6/6/2015	98	98	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#2	S-34	8/9/2015	98	99	1	Monthly Run	Maintenance Testing
SC1-V2-GEN#2	S-34	9/6/2015	99	99	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#2	S-34	10/7/2015	99	99	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#2	S-34	11/5/2015	99	99	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#2	S-34	12/5/2016	160.15	160.21	0.06	monthly run	Maintenance Testing
SC1-V2-GEN#2	S-34	1/9/2017	160.21	160.27	0.06	MPM	Maintenance Testing
SC1-V2-GEN#2	S-34	2/6/2017	160.27	160.36	0.09	MPM	Maintenance Testing
SC1-V2-GEN#2	S-34	3/10/2017	160.36	160.42	0.06	monthly run	Maintenance Testing

SC1-V2-GEN#2	S-34	4/8/2017	160.42	160.91	0.49	monthly run	Maintenance Testing
SC1-V2-GEN#2	S-34	6/7/2017	165.18	165.27	0.09	monthly run	Maintenance Testing
SC1-V2-GEN#2	S-34	8/8/2017	165.27	165.33	0.06	monthly run	Maintenance Testing
SC1-V2-GEN#2	S-34	9/22/2017	165.33	165.39	0.06	APM	Maintenance Testing
SC1-V2-GEN#2	S-34	10/10/2017	164.45	165.39	0.94	MPM	Maintenance Testing
SC1-V2-GEN#2	S-34	11/6/2017	164.45	165.51	1.06	MPM	Maintenance Testing
SC1-V2-GEN#2	S-34	12/5/2017	165.51	166.03	0.52	MU APM	Maintenance Testing
SC1-V2-GEN#2	S-34	1/10/2018	165.51	168.18	2.67	monthly run	Maintenance Testing
SC1-V2-GEN#2	S-34	2/6/2018	166.48	168.16	1.68	monthly run	Maintenance Testing
SC1-V2-GEN#2	S-34	3/6/2018	166.48	167.03	0.55	MPM	Maintenance Testing
SC1-V2-GEN#3	S-35	11/23/2011	53	53	0	Monthly PM	Maintenance Testing
SC1-V2-GEN#3	S-35	12/22/2011	54	55	1	Monthly PM	Maintenance Testing
SC1-V2-GEN#3	S-35	1/25/2012	55	55	0	Monthly PM	Maintenance Testing
SC1-V2-GEN#3	S-35	2/29/2012	55	55	0	Monthly	Maintenance Testing
SC1-V2-GEN#3	S-35	3/30/2012	55	56	1	Monthly PM ZZR Install Test	Maintenance Testing
SC1-V2-GEN#3	S-35	4/25/2012	56	56	0	Monthly PM	Maintenance Testing
SC1-V2-GEN#3	S-35	8/30/2012	57	57	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#3	S-35	10/5/2012	58	58	0	Run Test	Maintenance Testing
SC1-V2-GEN#3	S-35	10/30/2012	58	58	0	Monthly Test Run	Maintenance Testing
SC1-V2-GEN#3	S-35	3/8/2013	79	80	1	Monthly	Maintenance Testing
SC1-V2-GEN#3	S-35	3/25/2013	84	88	4	100% Load Bank	Load Testing
SC1-V2-GEN#3	S-35	9/3/2013	88	89	1	Monthly	Maintenance Testing
SC1-V2-GEN#3	S-35	10/24/2013	89	89	0	Pressure Switch and Monthly Run	Maintenance Testing
SC1-V2-GEN#3	S-35	12/4/2013	89	89	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#3	S-35	2/7/2014	89	89	0	Monthly	Maintenance Testing
SC1-V2-GEN#3	S-35	3/22/2014	93	98	5	Hops Transfer/Monthly	Maintenance Testing
SC1-V2-GEN#3	S-35	4/10/2014	98	98	0	Monthly Gen Runs PM	Maintenance Testing
SC1-V2-GEN#3	S-35	5/21/2014	98	99	1	Monthly Run PM	Maintenance Testing
SC1-V2-GEN#3	S-35	11/3/2014	102	102	0	Monthly	Maintenance Testing
SC1-V2-GEN#3	S-35	12/4/2014	102	103	1	Monthly	Maintenance Testing
SC1-V2-GEN#3	S-35	1/5/2015	103	103	0	MPM	Maintenance Testing
SC1-V2-GEN#3	S-35	2/3/2015	103	103	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#3	S-35	3/4/2015	103	103	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#3	S-35	4/6/2015	103	104	1	Monthly Run	Maintenance Testing
SC1-V2-GEN#3	S-35	5/13/2015	107	111	4	Load Banking	Load Testing
SC1-V2-GEN#3	S-35	6/6/2015	111	111	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#3	S-35	7/28/2015	111	112	1	Annual	Load Testing
SC1-V2-GEN#3	S-35	8/9/2015	112	112	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#3	S-35	10/7/2015	112	112	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#3	S-35	11/5/2015	112	112	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#3	S-35	7/20/2016	139.18	139.24	0.06	Annual PM	Maintenance Testing
SC1-V2-GEN#3	S-35	12/5/2016	157	157.09	0.09	monthly run	Maintenance Testing
SC1-V2-GEN#3	S-35	1/9/2017	157.09	157.15	0.06	MPM	Maintenance Testing
SC1-V2-GEN#3	S-35	2/6/2017	157.15	157.24	0.09	MPM	Maintenance Testing
SC1-V2-GEN#3	S-35	3/10/2017	157.24	157.3	0.06	monthly run	Maintenance Testing
SC1-V2-GEN#3	S-35	4/8/2017	157.3	157.3	0	monthly run	Maintenance Testing
SC1-V2-GEN#3	S-35	6/7/2017	162.06	162.06	0	monthly run	Maintenance Testing
SC1-V2-GEN#3	S-35	8/8/2017	162.12	162.12	0	monthly run	Maintenance Testing
SC1-V2-GEN#3	S-35	9/21/2017	162.24	162.24	0	APM	Maintenance Testing
SC1-V2-GEN#3	S-35	10/10/2017	162.39	162.48	0.09	MPM	Maintenance Testing
SC1-V2-GEN#3	S-35	11/6/2017	162.48	162.54	0.06	MPM	Maintenance Testing
SC1-V2-GEN#3	S-35	12/5/2017	162.54	163.03	0.49	annual run	Maintenance Testing
SC1-V2-GEN#3	S-35	1/10/2018	162.54	163.21	0.67	monthly run	Maintenance Testing
SC1-V2-GEN#3	S-35	2/6/2018	163.21	163.51	0.3	monthly run	Maintenance Testing
SC1-V2-GEN#3	S-35	3/6/2018	163.51	164.09	0.58	MPM	Maintenance Testing
SC1-V2-GEN#4	S-36	11/23/2011	41	41	0	Monthly Run	Maintenance Testing

SC1-V2-GEN#4	S-36	12/22/2011	42	43	1	Monthly PM	Maintenance Testing
SC1-V2-GEN#4	S-36	1/25/2012	43	43	0	Monthly PM	Maintenance Testing
SC1-V2-GEN#4	S-36	3/30/2012	43	43	0	Monthly PM Load Test ZZR	Load Testing
SC1-V2-GEN#4	S-36	4/25/2012	43	45	2	Monthly PM	Maintenance Testing
SC1-V2-GEN#4	S-36	7/28/2012	45	45	0	Monthly PM	Maintenance Testing
SC1-V2-GEN#4	S-36	8/30/2012	45	46	1	Monthly Run	Maintenance Testing
SC1-V2-GEN#4	S-36	10/30/2012	46	46	0	Monthly Test Run	Maintenance Testing
SC1-V2-GEN#4	S-36	3/7/2013	66	66	0	Monthly	Maintenance Testing
SC1-V2-GEN#4	S-36	3/22/2013	71	76	5	100% Load Bank	Load Testing
SC1-V2-GEN#4	S-36	7/3/2013	76	76	0	Monthly	Maintenance Testing
SC1-V2-GEN#4	S-36	10/24/2013	76	76	0	Pressure Switch Test & Monthly Run	Maintenance Testing
SC1-V2-GEN#4	S-36	12/4/2013	76	76	0	Monthly	Maintenance Testing
SC1-V2-GEN#4	S-36	2/7/2014	76	76	0	Monthly	Maintenance Testing
SC1-V2-GEN#4	S-36	4/9/2014	86	86	0	Monthly Gen Run PM	Maintenance Testing
SC1-V2-GEN#4	S-36	5/21/2014	86	87	1	Monthly Gen Run PM	Maintenance Testing
SC1-V2-GEN#4	S-36	11/3/2014	89	90	1	Monthly PM	Maintenance Testing
SC1-V2-GEN#4	S-36	12/3/2014	90	90	0	Monthly PM	Maintenance Testing
SC1-V2-GEN#4	S-36	1/5/2014	90	90	0	MPM	Maintenance Testing
SC1-V2-GEN#4	S-36	2/3/2015	90	90	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#4	S-36	3/4/2015	90	91	1	Monthly Run	Maintenance Testing
SC1-V2-GEN#4	S-36	5/13/2015	94	98	4	Load Banking	Load Testing
SC1-V2-GEN#4	S-36	6/6/2015	98	98	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#4	S-36	7/28/2015	98	98	0	Annual	Load Testing
SC1-V2-GEN#4	S-36	8/9/2015	98	99	1	Monthly Run	Maintenance Testing
SC1-V2-GEN#4	S-36	9/6/2015	99	99	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#4	S-36	10/7/2015	99	99	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#4	S-36	11/5/2015	99	99	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#4	S-36	2/6/2016	124	125	1	MX Gear repair and Monthly	Maintenance Testing
SC1-V2-GEN#4	S-36	2/11/2016	125	125	0	Gen Testing	Maintenance Testing
SC1-V2-GEN#4	S-36	3/22/2016	125.12	125.21	0.09	Monthly Gen Run PM	Maintenance Testing
SC1-V2-GEN#4	S-36	4/7/2016	125.21	126.06	0.85	Gen DECS Repair	Maintenance Testing
SC1-V2-GEN#4	S-36	7/19/2016	127.48	127.56	0.08	Annual PM	Maintenance Testing
SC1-V2-GEN#4	S-36	10/12/2016	145.21	145.39	0.18	monthly run	Maintenance Testing
SC1-V2-GEN#4	S-36	11/7/2016	145.39	145.54	0.15	monthly run	Maintenance Testing
SC1-V2-GEN#4	S-36	12/5/2016	145.54	146.03	0.49	monthly run	Maintenance Testing
SC1-V2-GEN#4	S-36	1/9/2017	146.03	146.09	0.06	MPM	Maintenance Testing
SC1-V2-GEN#4	S-36	2/6/2017	146.09	146.18	0.09	monthly run	Maintenance Testing
SC1-V2-GEN#4	S-36	3/10/2017	146.18	146.24	0.06	monthly run	Maintenance Testing
SC1-V2-GEN#4	S-36	4/8/2017	146.33	146.4	0.07	monthly run	Maintenance Testing
SC1-V2-GEN#4	S-36	6/7/2017	151	151.06	0.06	monthly run	Maintenance Testing
SC1-V2-GEN#4	S-36	8/8/2017	151.06	151.15	0.09	monthly run	Maintenance Testing
SC1-V2-GEN#4	S-36	9/21/2017	157.15	157.15	0	APM	Maintenance Testing
SC1-V2-GEN#4	S-36	10/10/2017	151.18	151.21	0.03	MPM	Maintenance Testing
SC1-V2-GEN#4	S-36	11/6/2017	151.21	151.24	0.03	MPM	Maintenance Testing
SC1-V2-GEN#4	S-36	12/5/2017	151.24	151.27	0.03	annual	Maintenance Testing
SC1-V2-GEN#4	S-36	1/10/2018	151.24	151.36	0.12	monthly run	Maintenance Testing
SC1-V2-GEN#4	S-36	2/6/2018	151.36	151.54	0.18	monthly run	Maintenance Testing
SC1-V2-GEN#4	S-36	3/6/2018	151.54	152	0.46	MPM	Maintenance Testing
SC1-V2-GEN#5	S-37	11/23/2011	47	48	1	Monthly PM	Maintenance Testing
SC1-V2-GEN#5	S-37	12/3/2011	48	49	1	Testing DM3 A Side	Maintenance Testing
SC1-V2-GEN#5	S-37	12/22/2011	49	49	0	Monthly PM	Maintenance Testing
SC1-V2-GEN#5	S-37	1/25/2011	49	49	0	Monthly PM	Maintenance Testing
SC1-V2-GEN#5	S-37	2/24/2012	49	49	0	Monthly Belt Squeal on strait	Maintenance Testing
SC1-V2-GEN#5	S-37	3/30/2012	49	50	1	Load Transfer	Load Testing
SC1-V2-GEN#5	S-37	4/25/2012	50	51	1	Monthly PM	Maintenance Testing
SC1-V2-GEN#5	S-37	6/25/2012	51	51	0	ZZR Testing on 3	Maintenance Testing



SC1-V2-GEN#5	S-37	8/30/2012	51	52	1	Monthly Run	Maintenance Testing
SC1-V2-GEN#5	S-37	10/30/2012	52	52	0	Monthly Test Run	Maintenance Testing
SC1-V2-GEN#5	S-37	3/7/2013	53	53	0	Monthly	Maintenance Testing
SC1-V2-GEN#5	S-37	3/21/2013	53	57	4	100% Bank Load Test	Load Testing
SC1-V2-GEN#5	S-37	9/13/2013	57	58	1	Monthly	Maintenance Testing
SC1-V2-GEN#5	S-37	10/24/2013	58	58	0	Pressure switch Test Run and Monthly	Maintenance Testing
SC1-V2-GEN#5	S-37	12/4/2013	58	58	0	Monthly	Maintenance Testing
SC1-V2-GEN#5	S-37	2/7/2014	58	58	0	Monthly	Maintenance Testing
SC1-V2-GEN#5	S-37	2/26/2014	58	63	5	Hops Transfer EL3	Maintenance Testing
SC1-V2-GEN#5	S-37	3/22/2014	63	67	4	Hops Transfer / Monthly	Maintenance Testing
SC1-V2-GEN#5	S-37	4/10/2014	67	68	1	Monthly Gen Run PM	Maintenance Testing
SC1-V2-GEN#5	S-37	5/21/2014	68	68	0	Monthly Run PM	Maintenance Testing
SC1-V2-GEN#5	S-37	8/12/2014	68	70	2	Piston Snap Ring Inspection	Maintenance Testing
SC1-V2-GEN#5	S-37	11/3/2014	70	71	1	Monthly	Maintenance Testing
SC1-V2-GEN#5	S-37	12/3/2014	71	71	0	Monthly	Maintenance Testing
SC1-V2-GEN#5	S-37	1/5/2015	71	71	0	MPM	Maintenance Testing
SC1-V2-GEN#5	S-37	2/2/2015	71	71	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#5	S-37	3/4/2015	71	71	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#5	S-37	4/6/2015	71	72	1	Monthly Run	Maintenance Testing
SC1-V2-GEN#5	S-37	4/6/2015	72	72	0	Time Stamp for BAAQMD 2015 Informa	Maintenance Testing
SC1-V2-GEN#5	S-37	5/13/2015	75	79	4	Load Testing	Load Testing
SC1-V2-GEN#5	S-37	6/6/2015	79	79	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#5	S-37	7/28/2015	79	79	0	APM	Maintenance Testing
SC1-V2-GEN#5	S-37	8/9/2015	79	80	1	Monthly Run	Maintenance Testing
SC1-V2-GEN#5	S-37	9/6/2015	80	80	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#5	S-37	10/7/2015	80	80	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#5	S-37	11/5/2015	80	84	4	Monthly Run	Maintenance Testing
SC1-V2-GEN#5	S-37	12/1/2015	85	85	0	Generator Test	Maintenance Testing
SC1-V2-GEN#5	S-37	7/20/2016	113	113.06	0.06	Annual PM	Maintenance Testing
SC1-V2-GEN#5	S-37	3/10/2017	130	130	0	MPM	Maintenance Testing
SC1-V2-GEN#5	S-37	8/8/2017	134.45	134.51	0.06	monthly run	Maintenance Testing
SC1-V2-GEN#5	S-37	9/26/2017	134.54	134.54	0	APM	Maintenance Testing
SC1-V2-GEN#5	S-37	10/10/2017	134.57	135.3	0.73	APM	Maintenance Testing
SC1-V2-GEN#5	S-37	11/6/2017	135.04	135.05	0.01	monthly run	Maintenance Testing
SC1-V2-GEN#5	S-37	12/5/2017	135.21	155.09	19.88	annual run	Maintenance Testing
SC1-V2-GEN#5	S-37	1/10/2018	135.21	135.36	0.15	monthly run	Maintenance Testing
SC1-V2-GEN#5	S-37	2/6/2018	135.36	136.06	0.7	monthly run	Maintenance Testing
SC1-V2-GEN#5	S-37	3/6/2018	136.06	136.33	0.27	MPM	Maintenance Testing
SC1-V2-GEN#6	S-38	11/23/2011	49	49	0	Monthly PM	Maintenance Testing
SC1-V2-GEN#6	S-38	12/22/2011	51	51	0	Monthly PM	Maintenance Testing
SC1-V2-GEN#6	S-38	1/25/2012	51	51	0	Monthly PM	Maintenance Testing
SC1-V2-GEN#6	S-38	2/29/2012	51	51	0	Monthly PM	Maintenance Testing
SC1-V2-GEN#6	S-38	3/30/2012	51	52	1	Monthly PM	Maintenance Testing
SC1-V2-GEN#6	S-38	4/25/2012	52	52	0	Monthly PM	Maintenance Testing
SC1-V2-GEN#6	S-38	6/25/2012	52	53	1	ZZR Testing DM 3	Maintenance Testing
SC1-V2-GEN#6	S-38	8/30/2012	53	54	1	Monthly PM	Maintenance Testing
SC1-V2-GEN#6	S-38	10/30/2012	54	54	0	Monthly Test Run	Maintenance Testing
SC1-V2-GEN#6	S-38	3/11/2013	75	75	0	Generator Annual	Maintenance Testing
SC1-V2-GEN#6	S-38	3/21/2013	75	79	4	Load Bank 100%	Load Testing
SC1-V2-GEN#6	S-38	9/3/2013	84	84	0	Monthly	Maintenance Testing
SC1-V2-GEN#6	S-38	10/24/2013	84	84	0	Pressure switch and monthly run	Maintenance Testing
SC1-V2-GEN#6	S-38	12/4/2013	84	85	1	Monthly	Maintenance Testing
SC1-V2-GEN#6	S-38	2/7/2014	85	85	0	Monthly	Maintenance Testing
SC1-V2-GEN#6	S-38	3/10/2014	85	89	4	Monthly EL3 CT Relocate	Maintenance Testing
SC1-V2-GEN#6	S-38	3/22/2014	89	94	5	Hops Transfer and Monthly	Maintenance Testing
SC1-V2-GEN#6	S-38	4/9/2014	94	94	0	Monthly Run Pm	Maintenance Testing

SC1-V2-GEN#6	S-38	5/21/2014	94	95	1	Monthly Run PM	Maintenance Testing
SC1-V2-GEN#6	S-38	9/4/2014	95	97	2	Annual PM and Piston Ring	Maintenance Testing
SC1-V2-GEN#6	S-38	11/3/2014	97	98	1	Monthly	Maintenance Testing
SC1-V2-GEN#6	S-38	12/4/2014	98	98	0	Monthly	Maintenance Testing
SC1-V2-GEN#6	S-38	1/6/2015	98	98	0	MPM	Maintenance Testing
SC1-V2-GEN#6	S-38	2/3/2015	98	99	1	Monthly Run Pm	Maintenance Testing
SC1-V2-GEN#6	S-38	3/4/2015	99	99	0	Monthly Run Pm	Maintenance Testing
SC1-V2-GEN#6	S-38	4/6/2015	99	99	0	Monthly Run Pm	Maintenance Testing
SC1-V2-GEN#6	S-38	4/16/2015	99	100	1	Load Shed Test	Load Testing
SC1-V2-GEN#6	S-38	4/29/2015	100	100	0	Load Shed Test	Load Testing
SC1-V2-GEN#6	S-38	4/30/2015	100	102	2	Load Shed Test Level 5	Load Testing
SC1-V2-GEN#6	S-38	5/1/2015	102	102	0	Load Shed Test Level 5	Load Testing
SC1-V2-GEN#6	S-38	5/11/2015	102	107	5	Load Bank Annual	Load Testing
SC1-V2-GEN#6	S-38	6/6/2015	107	107	0	Monthly Run Pm	Maintenance Testing
SC1-V2-GEN#6	S-38	7/29/2015	107	107	0	APM	Maintenance Testing
SC1-V2-GEN#6	S-38	8/9/2015	107	107	0	Monthly Run Pm	Maintenance Testing
SC1-V2-GEN#6	S-38	9/6/2015	107	107	0	Monthly Run Pm	Maintenance Testing
SC1-V2-GEN#6	S-38	10/7/2015	107	108	1	Monthly Run Pm	Maintenance Testing
SC1-V2-GEN#6	S-38	11/5/2015	108	108	0	Monthly Run Pm	Maintenance Testing
SC1-V2-GEN#6	S-38	3/22/2016	121.42	122.12	0.7	Monthly Run PM	Maintenance Testing
SC1-V2-GEN#6	S-38	6/7/2016	131.2	132.75	1.55	Relay Testing	Maintenance Testing
SC1-V2-GEN#6	S-38	6/9/2016	133	133	0.5	Relay Testing	Maintenance Testing
SC1-V2-GEN#6	S-38	6/10/2016	133	134	0.5	Relay Testing	Maintenance Testing
SC1-V2-GEN#6	S-38	7/15/2016	134	137	3.5	Logic Testing	Maintenance Testing
SC1-V2-GEN#6	S-38	7/20/2016	137	138	1.5	Logic Testing	Maintenance Testing
SC1-V2-GEN#6	S-38	7/25/2016	139	139	0.05	APM	Maintenance Testing
SC1-V2-GEN#6	S-38	11/7/2016	155.09	155.27	0.18	monthly run	Maintenance Testing
SC1-V2-GEN#6	S-38	12/5/2016	155.27	155.33	0.06	monthly run	Maintenance Testing
SC1-V2-GEN#6	S-38	1/9/2017	155.33	155.47	0.14	MPM	Maintenance Testing
SC1-V2-GEN#6	S-38	2/6/2017	155.42	155.48	0.06	monthly run	Maintenance Testing
SC1-V2-GEN#6	S-38	3/17/2017	155.44	155.57	0.13	monthly run	Maintenance Testing
SC1-V2-GEN#6	S-38	4/8/2017	155.57	156.03	0.46	monthly run added 2.5 gal oil	Maintenance Testing
SC1-V2-GEN#6	S-38	6/7/2017	160.03	160.39	0.36	monthly run	Maintenance Testing
SC1-V2-GEN#6	S-38	8/8/2017	160.39	160.45	0.06	monthly run	Maintenance Testing
SC1-V2-GEN#6	S-38	9/26/2017	160.43	160.54	0.11	APM	Maintenance Testing
SC1-V2-GEN#6	S-38	10/10/2017	160.51	160.57	0.06	monthly run	Maintenance Testing
SC1-V2-GEN#6	S-38	11/26/2017	160.57	160.57	0	monthly run	Maintenance Testing
SC1-V2-GEN#6	S-38	12/5/2017	161.06	161.06	0	MU APM	Maintenance Testing
SC1-V2-GEN#6	S-38	1/10/2018	161.15	161.15	0	monthly run	Maintenance Testing
SC1-V2-GEN#6	S-38	2/6/2018	161.33	161.33	0	monthly troubleshoot	Maintenance Testing
SC1-V2-GEN#6	S-38	3/6/2018	162.03	162.21	0.18	monthly run	Maintenance Testing
SC1-V1-GEN#1	S-39	3/24/2014	60.4	60.7	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#1	S-39	4/14/2014	60.7	61	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#1	S-39	12/10/2014	61.7	61.8	0.1	Monthly Run	Maintenance Testing
SC1-V1-GEN#1	S-39	1/25/2015	61.8	62	0.2	Monthly Run	Maintenance Testing
SC1-V1-GEN#1	S-39	2/24/2015	62	62.2	0.2	Monthly Run	Maintenance Testing
SC1-V1-GEN#1	S-39	3/23/2015	62.2	62.5	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#1	S-39	4/22/2015	62.5	62.8	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#1	S-39	5/18/2015	62.8	67.9	5.1	Load Bank Annual	Load Testing
SC1-V1-GEN#1	S-39	7/31/2015	101.5	101.6	0.1	APM Petersons Power	Maintenance Testing
SC1-V1-GEN#1	S-39	8/25/2015	102.7	103	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#1	S-39	9/25/2015	103	104.3	1.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#1	S-39	12/23/2015	104.3	104.5	0.2	Monthly Run	Maintenance Testing
SC1-V1-GEN#1	S-39	3/6/2017	184.4	185.5	1.1	U1-12kv switcher APM	Maintenance Testing
SC1-V1-GEN#1	S-39	3/9/2017	188.6	188.7	0.1	PSG A APM	Maintenance Testing
SC1-V1-GEN#1	S-39	3/23/2017	188.7	188.9	0.2	PSF B APM	Maintenance Testing

SC1-V1-GEN#1	S-39	9/18/2017	193.4	193.5	0.1	PM annual	Maintenance Testing
SC1-V1-GEN#1	S-39	10/29/2017	193.5	193.7	0.2	monthly run	Maintenance Testing
SC1-V1-GEN#1	S-39	11/28/2017	193.7	194.2	0.5	monthly run	Maintenance Testing
SC1-V1-GEN#1	S-39	1/29/2018	194.8	195	0.2	MPM	Maintenance Testing
SC1-V1-GEN#1	S-39	2/28/2018	195	195.1	0.1	monthly run	Maintenance Testing
SC1-V1-GEN#2	S-40	3/24/2014	59.4	59.7	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#2	S-40	4/14/2014	59.7	60	0.3	Monthly	Maintenance Testing
SC1-V1-GEN#2	S-40	7/17/2014	60	60.1	0.1	APM Peterson Power	Maintenance Testing
SC1-V1-GEN#2	S-40	12/10/2014	60.1	60.2	0.1	Monthly	Maintenance Testing
SC1-V1-GEN#2	S-40	1/23/2014	60.2	60.4	0.2	Monthly Run	Maintenance Testing
SC1-V1-GEN#2	S-40	2/24/2014	60.4	60.7	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#2	S-40	3/23/2015	60.7	61	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#2	S-40	4/22/2015	61	61.7	0.7	Monthly Run	Maintenance Testing
SC1-V1-GEN#2	S-40	5/19/2015	61.7	66.5	4.8	Load Bank Testing	Load Testing
SC1-V1-GEN#2	S-40	8/3/2015	89.4	90.1	0.7	APM	Maintenance Testing
SC1-V1-GEN#2	S-40	8/25/2015	90.9	91.2	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#2	S-40	9/23/2015	91.2	92.4	1.2	Monthly Run	Maintenance Testing
SC1-V1-GEN#2	S-40	10/25/2015	92.4	92.7	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#2	S-40	11/25/2015	92.7	93	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#2	S-40	12/23/2015	93	93.3	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#2	S-40	3/6/2017	18.7	177.5	158.8	V1 12KW APM	Maintenance Testing
SC1-V1-GEN#2	S-40	3/8/2017	178.7	181.6	2.9	V1 12KW APM	Maintenance Testing
SC1-V1-GEN#2	S-40	9/19/2017	186.7	187.1	0.4	annual PM	Maintenance Testing
SC1-V1-GEN#2	S-40	10/29/2017	187.3	187.5	0.2	monthly run	Maintenance Testing
SC1-V1-GEN#2	S-40	11/28/2017	187.5	188	0.5	monthly run	Maintenance Testing
SC1-V1-GEN#2	S-40	1/29/2018	188.6	188.8	0.2	MPM	Maintenance Testing
SC1-V1-GEN#2	S-40	2/28/2018	188.8	188.9	0.1	MPM	Maintenance Testing
SC1-V1-GEN#3	S-41	3/24/2014	61.8	62.2	0.4	Monthly Run	Maintenance Testing
SC1-V1-GEN#3	S-41	4/14/2014	62.2	62.2	0	Monthly PM	Maintenance Testing
SC1-V1-GEN#3	S-41	7/18/2014	62.2	62.3	0.1	Annual	Load Testing
SC1-V1-GEN#3	S-41	12/10/2014	62.3	62.4	0.1	Monthly Run	Maintenance Testing
SC1-V1-GEN#3	S-41	1/25/2015	62.4	62.5	0.1	Monthly Run	Maintenance Testing
SC1-V1-GEN#3	S-41	2/25/2015	62.5	62.8	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#3	S-41	3/23/2015	62.8	63.1	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#3	S-41	4/22/2015	63.1	63.3	0.2	Monthly Run	Maintenance Testing
SC1-V1-GEN#3	S-41	5/18/2015	63.3	68.4	5.1	Load Bank Annual	Load Testing
SC1-V1-GEN#3	S-41	7/31/2015	91.1	91.2	0.1	APM	Maintenance Testing
SC1-V1-GEN#3	S-41	10/25/2015	91.8	92.1	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#3	S-41	11/25/2015	92.1	92.4	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#3	S-41	12/23/2015	92.4	92.6	0.2	Monthly Run	Maintenance Testing
SC1-V1-GEN#3	S-41	3/6/2017	164.9	166	1.1	V1 12KV SNGR APM	Maintenance Testing
SC1-V1-GEN#3	S-41	3/9/2017	169.2	169.2	0	PSL A APM	Maintenance Testing
SC1-V1-GEN#3	S-41	9/19/2017	173.9	173.9	0	PM annual	Maintenance Testing
SC1-V1-GEN#3	S-41	10/29/2017	174	174.2	0.2	monthly run	Maintenance Testing
SC1-V1-GEN#3	S-41	11/28/2017	174.2	174.6	0.4	monthly run	Maintenance Testing
SC1-V1-GEN#3	S-41	1/29/2018	175.3	175.4	0.1	MPM	Maintenance Testing
SC1-V1-GEN#3	S-41	2/28/2018	175.4	175.6	0.2	monthly run	Maintenance Testing
SC1-V1-GEN#4	S-42	3/24/2014	56.1	56.4	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#4	S-42	4/14/2014	56.4	56.7	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#4	S-42	7/18/2014	56.7	57.3	0.6	APM Peterson Power	Maintenance Testing
SC1-V1-GEN#4	S-42	12/10/2014	57.3	57.5	0.2	Monthly Run	Maintenance Testing
SC1-V1-GEN#4	S-42	1/25/2015	57.5	57.6	0.1	Monthly Run	Maintenance Testing
SC1-V1-GEN#4	S-42	2/24/2015	57.6	57.9	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#4	S-42	3/23/2015	57.9	58.1	0.2	Monthly Run	Maintenance Testing
SC1-V1-GEN#4	S-42	4/22/2015	58.1	58.7	0.6	Monthly Run	Maintenance Testing
SC1-V1-GEN#4	S-42	5/20/2015	58.7	63.3	4.6	Load Bank	Load Testing

SC1-V1-GEN#4	S-42	6/13/2015	63.3	63.6	0.3	Monthly Testing	Maintenance Testing
SC1-V1-GEN#4	S-42	7/30/2015	86.3	86.5	0.2	APM Run	Maintenance Testing
SC1-V1-GEN#4	S-42	9/23/2015	88.3	88.6	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#4	S-42	10/25/2015	88.6	88.9	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#4	S-42	11/25/2015	89.1	89.4	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#4	S-42	12/23/2015	89.4	89.6	0.2	Monthly Run	Maintenance Testing
SC1-V1-GEN#4	S-42	11/7/2016	131.7	137.1	5.4	load bank testing	Load Testing
SC1-V1-GEN#4	S-42	3/6/2017	147.3	148.4	1.1	V1 12KV switchgear APM	Maintenance Testing
SC1-V1-GEN#4	S-42	3/9/2017	151	151.6	0.6	PSSC A APM	Maintenance Testing
SC1-V1-GEN#4	S-42	3/23/2017	151.6	151.8	0.2	PSC B APM	Maintenance Testing
SC1-V1-GEN#4	S-42	9/20/2017	156.4	156.4	0	annual PM	Maintenance Testing
SC1-V1-GEN#4	S-42	10/29/2017	156.4	156.6	0.2	monthly run	Maintenance Testing
SC1-V1-GEN#4	S-42	11/28/2017	156.6	157.1	0.5	monthly run	Maintenance Testing
SC1-V1-GEN#4	S-42	1/29/2018	157.1	157.9	0.8	MPM	Maintenance Testing
SC1-V1-GEN#4	S-42	2/28/2018	157.9	158.1	0.2	monthly run	Maintenance Testing
SC1-V1-GEN#5	S-43	3/24/2014	56.6	57	0.4	Monthly Check	Maintenance Testing
SC1-V1-GEN#5	S-43	4/14/2014	57	57.4	0.4	Monthly	Maintenance Testing
SC1-V1-GEN#5	S-43	7/21/2014	57.4	57.4	0	APM Peterson Power	Maintenance Testing
SC1-V1-GEN#5	S-43	12/10/2014	57.4	57.5	0.1	Monthly Run	Maintenance Testing
SC1-V1-GEN#5	S-43	1/25/2015	57.5	57.7	0.2	Monthly Run	Maintenance Testing
SC1-V1-GEN#5	S-43	2/24/2015	57.7	57.9	0.2	Monthly Run	Maintenance Testing
SC1-V1-GEN#5	S-43	3/23/2015	57.9	58.2	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#5	S-43	4/22/2015	58.2	58.4	0.2	Monthly Run	Maintenance Testing
SC1-V1-GEN#5	S-43	5/20/2015	58.4	63.6	5.2	Loading Bank Test	Load Testing
SC1-V1-GEN#5	S-43	9/23/2015	82.4	82.4	0	Monthly Run	Maintenance Testing
SC1-V1-GEN#5	S-43	8/26/2015	82.4	82.6	0.2	Monthly Run	Maintenance Testing
SC1-V1-GEN#5	S-43	9/23/2015	82.6	83.9	1.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#5	S-43	10/25/2015	83.9	84.1	0.2	Monthly Run	Maintenance Testing
SC1-V1-GEN#5	S-43	11/25/2015	84.1	84.4	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#5	S-43	12/23/2015	84.4	84.7	0.3	Monthly Run	Maintenance Testing
SC1-V1-GEN#5	S-43	3/9/2017	164.9	165.1	0.2	PSG A APM	Maintenance Testing
SC1-V1-GEN#5	S-43	9/20/2017	169.9	170	0.1	APM	Maintenance Testing
SC1-V1-GEN#5	S-43	10/29/2017	170	170.2	0.2	MPM	Maintenance Testing
SC1-V1-GEN#5	S-43	11/28/2017	170.2	170.7	0.5	monthly run	Maintenance Testing
SC1-V1-GEN#5	S-43	1/29/2018	171.3	171.5	0.2	MPM	Maintenance Testing
SC1-V1-GEN#5	S-43	2/28/2018	171.5	171.6	0.1	monthly run	Maintenance Testing
SC1-V1-GEN#A2	S-45	3/1/2017	15.7	15.8	0.1	monthly gen run	Maintenance Testing
SC1-V1-GEN#A2	S-45	9/21/2017	19.1	19.1	0	APM	Maintenance Testing
SC1-V1-GEN#A2	S-45	10/24/2017	19.2	19.2	0	MPM	Maintenance Testing
SC1-V1-GEN#A2	S-45	12/22/2017	19.7	19.9	0.2	monthly run	Maintenance Testing
SC1-V1-GEN#A2	S-45	12/29/2017	19.9	20	0.1	MPM	Maintenance Testing
SC1-V1-GEN#A2	S-45	2/28/2018	20.9	21	0.1	MPM	Maintenance Testing
SC1-V2-GEN#7	S-46	1/9/2017	34.9	35.05	0.15	Monthly Run	Maintenance Testing
SC1-V2-GEN#7	S-46	2/6/2017	35.05	35.15	0.1	Monthly Run	Maintenance Testing
SC1-V2-GEN#7	S-46	3/10/2017	35.15	35.28	0.13	Monthly Run	Maintenance Testing
SC1-V2-GEN#7	S-46	4/8/2017	35.28	35.4	0.12	Monthly Run	Maintenance Testing
SC1-V2-GEN#7	S-46	1/9/2017	34.54	35.03	0.49	MPM	Maintenance Testing
SC1-V2-GEN#7	S-46	2/6/2017	35.03	35.09	0.06	monthly run	Maintenance Testing
SC1-V2-GEN#7	S-46	3/10/2017	35.09	35.17	0.08	monthly run	Maintenance Testing
SC1-V2-GEN#7	S-46	4/8/2017	35.17	35.24	0.07	monthly run added 2 gal of oil	Maintenance Testing
SC1-V2-GEN#7	S-46	11/6/2017	40.18	40.27	0.09	monthly run	Maintenance Testing
SC1-V2-GEN#7	S-46	12/5/2017	40.27	40.36	0.09	MU APM	Maintenance Testing
SC1-V2-GEN#7	S-46	1/10/2018	40.36	40.54	20.18	monthly run	Maintenance Testing
SC1-V2-GEN#7	S-46	2/6/2018	40.54	41.24	0.7	monthly troubleshoot	Maintenance Testing
SC1-V2-GEN#7	S-46	3/6/2018	41.24	41.39	0.15	monthly run	Maintenance Testing
SC1-V2-GEN#8	S-47	1/9/2017	32.75	32.85	0.1	Monthly Run	Maintenance Testing

SC1-V2-GEN#8	S-47	2/6/2017	32.85	33	0.15	Monthly Run	Maintenance Testing
SC1-V2-GEN#8	S-47	3/10/2017	33	33.15	0.15	Monthly Run	Maintenance Testing
SC1-V2-GEN#8	S-47	4/8/2017	33.15	33.25	0.1	Monthly Run	Maintenance Testing
SC1-V2-GEN#8	S-47	4/25/2017	33.25	33.25	0	Monthly Run	Maintenance Testing
SC1-V2-GEN#8	S-47	6/7/2017	37.75	37.85	0.1	Monthly Run	Maintenance Testing
SC1-V2-GEN#8	S-47	1/9/2017	32.45	32.51	0.06	MPM	Maintenance Testing
SC1-V2-GEN#8	S-47	2/6/2017	32.51	33	0.49	MPM	Maintenance Testing
SC1-V2-GEN#8	S-47	3/10/2017	33	33.01	0.01	monthly run	Maintenance Testing
SC1-V2-GEN#8	S-47	4/8/2017	33	33.15	0.15	monthly run	Maintenance Testing
SC1-V2-GEN#8	S-47	10/10/2017	38.24	38.3	0.06	monthly run	Maintenance Testing
SC1-V2-GEN#8	S-47	11/6/2017	38.33	38.42	0.09	monthly run	Maintenance Testing
SC1-V2-GEN#8	S-47	12/5/2017	38.42	38.51	0.09	MU APM	Maintenance Testing
SC1-V2-GEN#8	S-47	1/10/2018	38.51	38.57	0.06	monthly run	Maintenance Testing
SC1-V2-GEN#8	S-47	2/6/2018	38.57	39.27	0.7	monthly troubleshoot	Maintenance Testing
SC1-V2-GEN#8	S-47	3/6/2018	39.27	39.45	0.18	monthly run	Maintenance Testing
SC1-V2-GEN#9	S-48	1/9/2017	36.7	36.85	0.15	Monthly Run	Maintenance Testing
SC1-V2-GEN#9	S-48	2/6/2017	36.85	36.95	0.1	Monthly Run	Maintenance Testing
SC1-V2-GEN#9	S-48	3/10/2017	36.95	37.1	0.15	Monthly Run	Maintenance Testing
SC1-V2-GEN#9	S-48	4/8/2017	37.1	37.2	0.1	Monthly Run	Maintenance Testing
SC1-V2-GEN#9	S-48	1/9/2017	36.41	36.51	0.1	MPM	Maintenance Testing
SC1-V2-GEN#9	S-48	2/6/2017	36.51	36.57	0.06	MPM	Maintenance Testing
SC1-V2-GEN#9	S-48	3/10/2017	36.57	37.06	0.49	monthly run	Maintenance Testing
SC1-V2-GEN#9	S-48	4/8/2017	37.06	37.12	0.06	monthly run	Maintenance Testing
SC1-V2-GEN#9	S-48	6/7/2017	41.39	41.48	0.09	monthly run	Maintenance Testing
SC1-V2-GEN#9	S-48	8/8/2017	41.48	41.54	0.06	monthly run	Maintenance Testing
SC1-V2-GEN#9	S-48	10/10/2017	41.54	42.03	0.49	monthly run	Maintenance Testing
SC1-V2-GEN#9	S-48	11/6/2017	42.03	42.09	0.06	monthly run	Maintenance Testing
SC1-V2-GEN#9	S-48	12/5/2017	42.09	42.18	0.09	MU APM	Maintenance Testing
SC1-V2-GEN#9	S-48	1/10/2018	42.18	42.36	0.18	monthly run	Maintenance Testing
SC1-V2-GEN#9	S-48	2/6/2018	42.36	43.12	0.76	monthly run/ troubleshoot	Maintenance Testing
SC1-V2-GEN#9	S-48	3/6/2018	43.12	43.27	0.15	monthly run	Maintenance Testing
SC1-V1-GEN#6	S-49	3/9/2017	33.5	33.6	0.1	PSG A APM	Maintenance Testing
SC1-V1-GEN#6	S-49	3/23/2017	33.6	33.8	0.2	PSG B APM	Maintenance Testing
SC1-V1-GEN#6	S-49	10/29/2017	38.5	38.7	0.2	MPM	Maintenance Testing
SC1-V1-GEN#6	S-49	11/28/2017	38.7	38.8	0.1	MPM	Maintenance Testing
SC1-V1-GEN#6	S-49	1/28/2018	39.7	39.8	0.1	MPM	Maintenance Testing
SC1-V1-GEN#6	S-49	2/28/2018	39.8	40	0.2	monthly run	Maintenance Testing
SC1-V1-GEN#7	S-50	3/8/2017	27.6	28.6	1	V1 SWGR APM	Maintenance Testing
SC1-V1-GEN#7	S-50	3/9/2017	28.6	28.8	0.2	PSG A APM	Maintenance Testing
SC1-V1-GEN#7	S-50	3/23/2017	28.5	28.9	0.4	PSG B APM	Maintenance Testing
SC1-V1-GEN#7	S-50	10/29/2017	33.6	33.7	0.1	monthly run	Maintenance Testing
SC1-V1-GEN#7	S-50	11/28/2017	33.7	34.2	0.5	MPM	Maintenance Testing
SC1-V1-GEN#7	S-50	1/28/2018	34.9	35	0.1	monthly run	Maintenance Testing
SC1-V1-GEN#7	S-50	2/28/2018	32.5	35	2.5	MPM	Maintenance Testing
SC1-V1-GEN#8	S-51	3/7/2017	30.7	30.9	0.2	PSG APM A	Maintenance Testing
SC1-V1-GEN#8	S-51	3/8/2017	30.9	31.7	0.8	SWGR APM B	Maintenance Testing
SC1-V1-GEN#8	S-51	3/9/2017	31.7	31.7	0	PSG APM A	Maintenance Testing
SC1-V1-GEN#8	S-51	3/9/2017	29.9	30.1	0.2	PSG A APM	Maintenance Testing
SC1-V1-GEN#8	S-51	3/23/2017	31.7	32	0.3	PSG APM B side	Maintenance Testing
SC1-V1-GEN#8	S-51	3/23/2017	30.2	30.3	0.1	PSG B APM	Maintenance Testing
SC1-V1-GEN#8	S-51	10/29/2017	35	35.1	0.1	monthly run	Maintenance Testing
SC1-V1-GEN#8	S-51	10/29/2017	36.8	37	0.2	monthly run	Maintenance Testing
SC1-V1-GEN#8	S-51	11/28/2017	37	37.5	0.5	monthly run	Maintenance Testing
SC1-V1-GEN#8	S-51	11/28/2017	35	35.6	0.6	MPM	Maintenance Testing
SC1-V1-GEN#8	S-51	1/28/2018	38.1	38.3	0.2	monthly run	Maintenance Testing
SC1-V1-GEN#8	S-51	1/28/2018	36.3	36.4	0.1	monthly run	Maintenance Testing

SC1-V1-GEN#8	S-51	2/28/2018	38.3	38.5	0.2	monthly run	Maintenance Testing
SC1-V1-GEN#8	S-51	2/28/2018	36.4	36.6	0.2	MPM	Maintenance Testing

**Table 2: Emergency Run Events at Campus**

Generator	Source Number	Date	Meter Reading		Run Time (hours)	Description	Category
			Start	Stop			
SC1-V1-GEN#1	S-17	5/29/2016	195	202	7	Generator started due to loss of utility power.	Emergency Run
SC1-V1-GEN#3	S-19	5/29/2016	195	202	7	Generator started due to loss of utility power.	Emergency Run
SC1-V3-GEN#1	S-24	5/29/2016	105.3	124.4	19.1	Generator started due to loss of utility power.	Emergency Run
SC1-V3-GEN#2	S-25	5/29/2016	121.2	140.2	19	Generator started due to loss of utility power.	Emergency Run
SC1-V3-GEN#3	S-26	5/29/2016	103.8	122.9	19.1	Generator started due to loss of utility power.	Emergency Run
SC1-V3-GEN#4	S-27	5/29/2016	125.7	144.8	19.1	Generator started due to loss of utility power.	Emergency Run