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November 15, 2019

Mr. Leslie Palmer
Director, Safety and Enforcement Division
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102

SUBJECT: SAN DIEGO GAS & ELECTRIC COMPANY (SDG&E) PUBLIC SAFETY POWER SHUTOFF REPORT

Dear Ms. Malashenko:

In accordance with Ordering Paragraph (OP) 2 of Decision (D) 12-04-024 and Section II.A of CPUC Resolution ESRB-8, and D.19-05-042, SDG&E is submitting this report in response to the Public Safety Power Shutoff (PSPS) event that occurred in SDG&E's service territory on October 20–November 1, 2019. As noted in the reporting requirements, this report has been verified by an SDG&E officer in accordance with Rule 1.11 of the Commission's Rules of Practice and Procedure.

In accordance with D.19-05-042, this report has also been distributed to the service lists for the following CPUC Rulemaking (R.) Proceedings: R.18-10-007 and R.18-12-005.

If you have any questions regarding this report, please contact Elizabeth Beaver at 858-654-1787, or ebeaver@sdge.com.

Sincerely,

/s/ Clay Faber
Clay Faber
Director—Regulatory Affairs

Attachment

SDG&E Report on Public Safety Power Shutoff Event: October 20–November 1, 2019

The following report is submitted in response to the Public Safety Power Shutoff (PSPS) events that occurred in SDG&E’s service territory from October 20 through November 1, 2019. SDG&E hereby submits this report to the Director of Safety and Enforcement Division (SED) and the service lists for CPUC Rulemaking (R.) proceedings R.18-12-005 and R.18-10-007. This report includes all information required pursuant to D.12-04-024, Section II.A of CPUC Resolution ESRB-8 and D.19-05-042.

1. An explanation of SDG&E’s decision to de-energize, including an explanation of alternatives considered and mitigation measures used to decrease the risk of utility-caused wildfires in de-energized areas

Response:

The decision to de-energize for public safety was made at SDG&E’s Emergency Operations Center (EOC), which was fully staffed by a cross-functional team of electric operations, customer service, safety, engineering, external affairs, communications, meteorology, and other personnel, as well as a designated Utility Commander (UC) for the incident. SDG&E activated its EOC to provide response coordination, ensure there was informed decision-making, coordinate customer, agency and elected official notifications, and coordinate as-needed logistical support.

SDG&E’s EOC was activated at 1700 on Sunday, October 20, 2019 in response to Santa Ana weather conditions forecast to impact the San Diego region beginning in the late hours of October 20, 2019 and continuing through October 22, 2019. As SDG&E’s meteorologists monitored conditions prior to and during the October 20–22 weather event, forecasts showed two successive fire weather events for the region. The second weather event took place October 24–26, and the third took place October 28–November 1. SDG&E’s EOC was activated from Sunday, October 20 through Friday, November 1 in response to these three weather events.

SDG&E considers the EOC activation from October 20 to November 1 as a single event, and as such, it is submitting a single report for the events that took place over this period. While this is considered a single event for the purposes of reporting, SDG&E treated each weather event as a separate occurrence regarding notifications to customers, external agencies and public safety partners. Responses and data provided in this report address the three weather events separately, where appropriate.

For each weather event, SDG&E strategically placed field observers in the areas expected to experience the most severe weather. These observers monitored SDG&E’s overhead power lines, as well as the local weather, to ensure PSPS was implemented only when necessary.

As part of the PSPS decision, SDG&E also maintains situational awareness of its service territory by monitoring all vegetation fires on a 24/7 basis. There were 133 vegetation fires during this period, as well as multiple fires burning north and south of SDG&E’s service area. Maintaining this situational awareness and coordinating with actions taken by first responders enables educated decisions to keep lines energized or de-energize.

In order to mitigate the risk of a utility-caused wildfire, SDG&E disabled automatic reclosing devices in wind-prone areas during the event. Additionally, SDG&E canceled all non-

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essential maintenance work in fire-prone areas. SDG&E pre-staged resources, including contract fire resources and field personnel to coordinate response to an emergency, if needed.

Weather Event 1: October 20–22

Based on weather forecasts, portions of the San Diego region were expected to experience humidity levels ranging from 5 to 20%, moderate to high heat and wind gusts of 30–40 mph from October 20 through October 22, 2019. Additionally, the Fire Potential Index (FPI) was rated as extreme for several inland areas and elevated in all other areas of SDG&E's service territory for October 21–22.

Official National Weather Service (NWS) forecasts mentioned the potential for localized gusts of 35-40 mph in wind-prone areas of San Diego County that would contribute to a few hours of critical fire weather conditions, but also communicated that the durations of the winds in this first event would not be long enough to warrant the issuance of a Red Flag Warning. SDG&E Meteorologists' forecasts were similar, predicting widespread wind gusts of 30-40 mph across the backcountry with isolated higher gusts in the most wind-prone locations. However, the available data and real-time observations of vegetation moisture levels and weather conditions indicated an extreme threat of large and destructive wildfires with rapid rates of spread and long-range spotting, should an ignition occur. SDG&E determined that conditions could warrant de-energizing certain facilities, which might otherwise provide a source of ignition for a fire.

Weather Event 2: October 24–26

Weather forecasts for the second in the series of Santa Ana wind events indicated 35–50 mph winds across the San Diego County backcountry, with isolated gusts as high as 75 mph, humidity of 5–10%, and widespread 90–100-degree temperatures October 24–25. Additionally, the FPI was rated as extreme for inland portions of San Diego County and elevated in all other areas of SDG&E's service territory for October 24–26.

Official NWS forecasts included the potential for local gusts up to 65 mph in wind-prone portions of San Diego County, which led to the issuance of a Red Flag Warning. Similarly, SDG&E Meteorologists forecasted the potential for widespread 35–50 mph wind gusts with isolated gusts up to 75 mph in the most wind-prone locations. The forecast also showed widespread 5–10% humidity and hot temperatures, which was expected to exacerbate the drying of vegetation that began on October 20. The available data supported an extreme threat of large and destructive wildfires with rapid rates of spread and long-range spotting, should an ignition occur. Based on the weather forecasts, as well as real-time observations of weather conditions and reports from field observers, de-energizations were determined to be the best method to mitigate the risk of potential utility-caused wildfires in certain locations.

Weather Event 3: October 28–November 1

The third in the series of Santa Ana wind events for the SDG&E service territory was forecast to include wind gusts of 35–50 mph across the backcountries of San Diego and Orange counties, with isolated gusts in excess of 70 mph, and humidity of 5–15% for October 30–31. The FPI was rated extreme for inland portions of San Diego and Orange counties and was rated elevated for all other areas.

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Official NWS forecasts indicated the potential for widespread 45–55 mph wind gusts during the event, with isolated gusts of 70–80 mph in the windiest locations. SDG&E forecasted moderate to locally strong gusts of 40–50 mph and isolated gusts up to 80 mph in the most wind-prone areas. Additionally, humidity was forecast to remain at 5–15% through the duration of the event. After 10 days of very low humidity, vegetation region-wide was critically dry. These factors, as well as real-time observations of weather conditions, resulted in the determination that de-energizations were the best method to mitigate the risk of potential utility-caused wildfires in certain locations.

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2. **All factors considered by SDG&E in its decision to de-energize, including wind speed, temperature, humidity and vegetation moisture in the vicinity of the de-energized circuits.**

Response:

The decision to de-energize for public safety is not based on a single factor; numerous criteria are considered when making this decision.

Key bases for these decisions included, but were not limited to:

- Infrastructure in temporary configurations due to construction activities;
- Weather observations in combination with local climatological and vegetation data
- Outages could be targeted to minimize impacts to customers;
- Observer reports of imminent threats to power lines, including tree branches encroaching overhead lines, wire movement, debris blown into lines;
- Fire-suppression air resources were potentially unavailable due to high winds and time of day should an ignition occur;
- Current wildfire activity across the state, including the Kincade Fire, the Getty Fire, the Tick Fire, and the Easy Fire;
- Accessibility could be constrained should an ignition occur; and
- A review of active outages on SDG&E’s system.

Weather Event 1: October 20–22

- SDG&E’s Fire Potential Index (FPI) was Extreme for inland areas, indicating the potential for large fires should an ignition occur;
- The potential existed for wind gusts up to 40 mph in areas of eastern San Diego County;
- Live Fuel Moisture values were critically dry (~60%) and Dead Fuel Moisture values were very low (5%);

Weather Event 2: October 24–26

- The Red Flag Warning (RFW) issued by the NWS for 0500 Thursday, October 24–1700 Friday, October 25 indicated the combination of strong winds and critically low relative humidity would result in critical fire weather conditions with the potential for extreme fire behavior;
- SDG&E’s Fire Potential Index (FPI) was Extreme for inland all districts for Thursday–Friday, indicating the potential for large fires should an ignition occur;
- The potential existed for wind gusts in excess of 50 mph in the San Diego County valleys and mountains. Potential impacts included downed trees and power lines;
- The Santa Ana Wildfire Threat Index (SAWTI) was rated Moderate (“Upon ignition, fires will grow rapidly and will be difficult to control”);
- The National Oceanic and Atmospheric Administration’s (NOAA) Storm Prediction Center’s Fire Weather Outlook indicated “Critical Fire Weather” conditions for portions of the SDG&E service territory;

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- Live Fuel Moisture values were critically dry (~60%) and Dead Fuel Moisture values were low (3%)
- In many cases, recorded wind gusts along de-energized circuits were in excess of 40 mph, in combination with single-digit humidity.
- Wind climatology of each circuit or circuit segment to include the 95th and 99th percentile winds from nearly 10 years of collecting weather data every 10 minutes from every station;

Weather Event 3: October 28–November 1

- The RFW issued by the NWS for areas of Orange County from 2200 Sunday, October 27 through 1800 Monday, October 28, indicated that the combination of strong winds and critically low relative humidity would result in critical fire weather conditions with the potential for extreme fire behavior;
- The High Wind Warning issued by the NWS for portions of San Diego and Orange Counties from 1000 Sunday, October 27 through 1200 Monday, October 28 indicated the potential for strong winds;
- The RFW issued by the NWS for San Diego and Orange counties from 2300 Tuesday, October 29 through 1800 Thursday, October 31 indicated the combination of strong winds and critically low relative humidity would result in critical fire weather conditions with the potential for extreme fire behavior;
- The potential existed for isolated wind gusts up to 80 mph in the San Diego County valleys and mountains. Potential impacts included downed trees and power lines;
- The Santa Ana Wildfire Threat Index (SAWTI) was rated High (“Upon ignition, fires will grow very rapidly, will burn intensely, and will be very difficult to control”) on Wednesday, October 30, and Moderate (“Upon ignition, fires will grow rapidly and will be difficult to control”) on Thursday, October 31;
- The National Oceanic and Atmospheric Administration’s (NOAA) Storm Prediction Center’s Fire Weather Outlook indicated “Extremely Critical Fire Weather” conditions for portions of the SDG&E service territory;
- SDG&E’s Fire Potential Index (FPI) was Extreme for inland districts and Orange County, indicating the potential for large fires should an ignition occur;
- Live Fuel Moisture values were critically dry (~60%) and Dead Fuel Moisture values were low (5%);
- In many cases, recorded wind gusts along de-energized circuits were in excess of 40 mph, in combination with single-digit humidity;
- Wind climatology of each circuit or circuit segment to include the 95th and 99th percentile winds from nearly 10 years of collecting weather data every 10 minutes from every station;

3. An explanation of how the utility determined that the benefit of de-energization outweighed potential public safety risks

Response:

Weather Event 1: October 20–22

Based on weather forecasts leading up to the October 20–22 weather event, SDG&E anticipated increased winds, low humidity levels and warm temperatures. As SDG&E’s meteorologists monitored real-time weather, the forecast conditions that would necessitate implementation of PSPS did not materialize as expected. As such, SDG&E did not de-energize any customers during this weather event.

Weather Event 2: October 24–26

At the time of de-energization, the areas impacted by PSPS were experiencing wind gusts of 35–50 mph and humidity ranging from 5–10%. Based on weather forecasts at that time, strong winds and fire weather conditions were expected to continue through at least Friday, October 25. Additionally, the weather forecast indicated another round of Santa Ana winds and critical fire weather conditions several days later. Any fire starts would have the potential to burn uncontrolled into the beginning of November. Based on this, SDG&E determined initiating PSPS in these areas was the best method to mitigate the risk of a fast-spreading wildfire. Additionally, some circuits subject to this PSPS event had infrastructure in temporary configurations due to construction activities.

The RFW and increased winds, in combination with available data and real-time observations of vegetation moisture levels and weather conditions, indicated a threat of large and destructive wildfires with rapid rates of spread and long-range spotting, should an ignition occur. Large and damaging fires were occurring north and south of the SDG&E service territory in similar conditions, validating the severity of the fire weather conditions. SDG&E determined that conditions warranted de-energizing certain facilities which might otherwise provide a source of ignition of a fire.

Weather Event 3: October 28–November 1

At the time of de-energization, the areas impacted by the PSPS were experiencing wind gusts of 40–50 mph and humidity ranging from 5–15%. Based on weather forecasts at that time, winds were expected to strengthen overnight and into the early morning hours of Thursday, October 31. Based on this, SDG&E determined initiating PSPS in these areas was the best method to mitigate the risk of a fast-spreading wildfire. Additionally, some circuits subject to this PSPS event had infrastructure in temporary configurations due to construction activities.

The RFW and increased winds, in combination with available data and real-time observations of vegetation moisture levels and weather conditions, indicated a threat of large and destructive wildfires with rapid rates of spread and long-range spotting, should an ignition occur. Large and damaging fires were occurring north and south of the SDG&E service territory in similar conditions, validating the severity of the fire weather conditions. SDG&E determined that conditions warranted de-energizing certain facilities which might otherwise provide a source of ignition of a fire.

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4. The time, place and duration of the event and whether the areas affected by the de-energization are classified as Zone 1, Tier 2, or Tier 3 per the definition in General Order 95, Rule 21.2-D.

Response:

Weather Event 1: October 20–22

SDG&E monitored weather conditions in its EOC for the event that was expected to impact the San Diego region starting in the evening of October 20, 2019. Based on real-time observations of weather conditions, the Santa Ana event on October 20–22 was ultimately weak and did not require any de-energizations for public safety. As such, there were no customers impacted by PSPS during this period.

Weather Event 2: October 24–26

Circuit /Device	Communities	Start Date/Time	Restoration Date/Time	Duration	GO 95, Rule 21.2D Classification
79-799R	Viejas/Descanso/Boulder Creek	10/24/19 4:07	10/26/19 13:29	57:21	Tier 3
79-673R	Viejas/Descanso/Boulder Creek	10/24/19 9:20	10/25/19 18:29	33:09	Tier 3
79-679R	Viejas/Descanso/Boulder Creek	10/24/19 22:00	10/25/19 16:25	18:25	Tier 3
CB 79	Viejas/Descanso/Boulder Creek	10/24/19 22:05	10/25/19 16:19	18:14	Tier 3
BC-TL626	Santa Ysabel/Wynola/Pine Hills	10/24/19 4:09	10/26/19 14:24	58:14	Tier 3
358-682F	Viejas/Descanso/Boulder Creek	10/24/19 6:39	10/25/19 16:59	34:20	Tier 3
78-26R	Viejas/Descanso/Boulder Creek	10/24/19 7:02	10/25/19 16:25	33:22	Tier 3
441-25R	Japatul Valley/Buckman Springs/Morena Village	10/24/19 7:52	10/26/19 11:31	51:39	Tier 3
441-30R	Japatul Valley/Buckman Springs/Morena Village	10/24/19 7:52	10/26/19 11:44	51:52	Tier 3

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Circuit /Device	Communities	Start Date/Time	Restoration Date/Time	Duration	GO 95, Rule 21.2D Classification
441-27R	Japatul Valley/Buckman Springs/Morena Village	10/24/19 7:52	10/26/19 11:46	51:54	Tier 3
441-23R	Japatul Valley/Buckman Springs/Morena Village	10/24/19 7:52	10/26/19 11:34	51:42	Tier 3
440-13R	Japatul Valley/Buckman Springs/Morena Village	10/24/19 8:12	10/26/19 12:40	52:27	Tier 3
440-8R	Japatul Valley/Buckman Springs/Morena Village	10/24/19 8:12	10/26/19 12:49	52:36	Tier 3
442-14R	Japatul Valley/Buckman Springs/Morena Village	10/24/19 8:20	10/25/19 17:12	32:52	Tier 3
442-2R	Japatul Valley/Buckman Springs/Morena Village	10/24/19 8:20	10/25/19 17:14	32:54	Tier 3
442-16R	Japatul Valley/Buckman Springs/Morena Village	10/24/19 8:20	10/25/19 18:07	33:47	Tier 3
79-658R	Guatay/Pine Valley/Mount Laguna	10/24/19 8:20	10/26/19 12:01	51:41	Tier 3
79-714R	E Descanso/ Green Valley Falls/Cuyamaca	10/24/19 8:20	10/25/19 18:03	33:43	Tier 3
CB 442	Japatul Valley/Buckman Springs/Morena Village	10/24/19 8:20	10/24/19 10:38	01:59	Tier 3
79-660R	E Descanso/ Green Valley Falls/Cuyamaca	10/24/19 8:20	10/26/19 12:09	51:49	Tier 3
79-685R	E Descanso/ Green Valley Falls/Cuyamaca	10/24/19 8:20	10/26/19 12:07	51:47	Tier 3
79-668R	E Descanso/ Green Valley Falls/Cuyamaca	10/24/19 8:20	10/26/19 12:28	52:08	Tier 3
157-75R	Dulzura/Potrero/Campo	10/24/19 8:32	10/26/19 11:38	51:06	Tier 3
157-84R	Dulzura/Potrero/Campo	10/24/19 8:32	10/26/19 12:34	52:02	Tier 3
157-11R	Dulzura/Potrero/Campo	10/24/19 8:32	10/26/19 12:52	52:20	Tier 3

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Circuit /Device	Communities	Start Date/Time	Restoration Date/Time	Duration	GO 95, Rule 21.2D Classification
448-23R	Dulzura/Potrero/Campo	10/24/19 8:47	10/26/19 13:56	53:08	Tier 3
448-19R	Dulzura/Potrero/Campo	10/24/19 8:47	10/26/19 14:03	53:15	Tier 3
1215-12R	Live Oak Springs/Boulevard/Jacumba	10/24/19 9:12	10/26/19 8:29	47:16	Tier 3
1215-28R	Live Oak Springs/Boulevard/Jacumba	10/24/19 9:12	10/26/19 8:33	47:20	Tier 3
1215-32R	Live Oak Springs/Boulevard/Jacumba	10/24/19 9:12	10/26/19 8:38	47:25	Tier 3
445-23R	Live Oak Springs/Boulevard/Jacumba	10/24/19 9:14	10/26/19 10:06	48:51	Tier 2
445-24R	Live Oak Springs/Boulevard/Jacumba	10/24/19 9:14	10/26/19 10:16	49:02	Tier 2
73-765R	Japatul Valley/Buckman Springs/Morena Village	10/24/19 9:46	10/25/19 17:56	32:10	Tier 3
73-23R	Japatul Valley/Buckman Springs/Morena Village	10/24/19 9:46	10/25/19 18:01	32:15	Tier 3
CB 73	Viejas/Descanso/Boulder Creek	10/24/19 12:25	10/25/19 17:44	29:19	Tier 3
73-49R	Viejas/Descanso/Boulder Creek	10/24/19 12:25	10/25/19 17:51	29:26	Tier 3
1166	Dehesa/Alpine/ Rancho Palo Verde	10/24/19 9:46	10/25/19 17:16	31:30	Tier 3
157-87R	Dulzura/Potrero/Campo	10/24/19 9:58	10/26/19 10:52	48:54	Tier 3
F30159	Dulzura/Potrero/Campo	10/24/19 9:58	10/26/19 17:35	55:37	Tier 3
176-26R	S Poway	10/24/19 11:33	10/25/19 18:55	31:21	Tier 3
176-38R	Highland Valley	10/24/19 11:33	10/25/19 19:18	31:44	Tier 3

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Circuit /Device	Communities	Start Date/Time	Restoration Date/Time	Duration	GO 95, Rule 21.2D Classification
176-41R	Highland Valley	10/24/19 11:33	10/25/19 19:26	31:52	Tier 3
176-197F	Highland Valley	10/24/19 11:33	10/25/19 19:08	31:34	Tier 3
176-199	Highland Valley	10/24/19 11:33	10/25/19 19:07	31:33	Tier 3
971-26R	S Ramona/Iron Mountain/Barona	10/24/19 11:35	10/25/19 17:41	30:05	Tier 2
971-379R	S Ramona/Iron Mountain/Barona	10/24/19 11:35	10/25/19 17:51	30:15	Tier 3
972	E Ramona	10/24/19 11:50	10/25/19 17:26	29:36	Tier 2
222-1364R	Julian/Santa Ysabel/Moretts	10/24/19 13:07	10/26/19 13:28	48:21	Tier 3
222-7R	Santa Ysabel/Wynola/Pine Hills	10/24/19 13:07	10/26/19 13:34	48:27	Tier 3
222-1503	Julian/Kentwood in the Pines/Banner	10/24/19 13:07	10/26/19 13:38	48:31	Tier 3
214-583R*	Rincon/La Jolla Indian Reservation/Hellhole Canyon	10/24/19 16:59	10/26/19 9:28	40:29	Tier 3
214-536R*	Palomar Mountain/ Lake Henshaw	10/24/19 16:59	10/26/19 9:32	40:33	Tier 3
214-613R*	Palomar Mountain/ Lake Henshaw	10/24/19 16:59	10/26/19 9:43	40:44	Tier 3
214-17AE*	Palomar Mountain/ Lake Henshaw	10/24/19 16:59	10/26/19 10:05	41:06	Tier 3
CTL1-3R*	Palomar Mountain/ Lake Henshaw	10/24/19 16:59	10/26/19 9:50	40:51	Tier 3
1030-989R	Lake Wohlford/ Bear Valley/ Skyline Ranch	10/24/19 20:22	10/25/19 18:05	21:43	Tier 3
214-1122R	Rincon/ La Jolla Indian Reservation/ Hellhole Canyon	10/24/19 20:54	10/26/19 8:43	35:48	Tier 3

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Circuit /Device	Communities	Start Date/Time	Restoration Date/Time	Duration	GO 95, Rule 21.2D Classification
220-294R	Julian/ Santa Ysabel/ Morettis	10/24/19 21:49	10/26/19 12:44	38:54	Tier 3
220-298R	Julian/ Santa Ysabel/ Morettis	10/24/19 21:49	10/26/19 13:06	39:17	Tier 3
75-1744R	Dulzura/Potrero/Campo	10/24/19 22:38	10/25/19 18:56	20:18	Tier 3
1030-987	Lake Wohlford/ Bear Valley/ Skyline Ranch	10/24/19 22:56	10/25/19 14:23	15:26	Tier 3
217-983R	Pala	10/24/19 23:07	10/25/19 16:31	17:24	Tier 3
221-19R	Julian/Kentwood in the Pines/Banner	10/24/19 23:20	10/26/19 10:18	34:57	Tier 3
221-31R	Julian/ Santa Ysabel/ Morettis	10/24/19 23:26	10/26/19 10:16	34:50	Tier 3
221-344R	Julian/ Santa Ysabel/ Morettis	10/24/19 23:26	10/26/19 10:21	34:55	Tier 3
221-43AE	Julian/Kentwood in the Pines/Banner	10/24/19 23:26	10/26/19 11:27	36:01	Tier 3
221-35R	Julian/Kentwood in the Pines/Banner	10/24/19 23:26	10/26/19 10:23	34:57	Tier 2
221-6R	Julian/Kentwood in the Pines/Banner	10/24/19 23:26	10/26/19 10:25	34:59	Tier 2
221-675R	Julian/Kentwood in the Pines/Banner	10/24/19 23:26	10/26/19 10:30	35:04	Tier 2
Generator	Julian/Kentwood in the Pines/Banner	10/24/19 23:26	10/25/19 0:43	01:17	Tier 2
Generator	Julian/Kentwood in the Pines/Banner	10/26/19 10:56	10/26/19 11:27	00:31	Tier 2
237-30R	N Ramona	10/24/19 23:33	10/25/19 17:41	18:07	Tier 3
222-1370R	La Jolla Indian Reservation/ Mesa Grande/ Santa Ysabel	10/24/19 23:35	10/26/19 13:44	38:09	Tier 3

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Circuit /Device	Communities	Start Date/Time	Restoration Date/Time	Duration	GO 95, Rule 21.2D Classification
222-1433R	La Jolla Indian Reservation/ Mesa Grande/ Santa Ysabel	10/24/19 23:35	10/26/19 13:48	38:13	Tier 3
222-1441R	La Jolla Indian Reservation/ Mesa Grande/ Santa Ysabel	10/24/19 23:35	10/26/19 13:51	38:16	Tier 3
222-1401R	E Ramona	10/24/19 23:35	10/26/19 13:48	38:13	Tier 3
357-1147R	Viejas/Descanso/Boulder Creek	10/25/19 0:16	10/25/19 17:26	17:09	Tier 2
357-1299R	Viejas/Descanso/Boulder Creek	10/25/19 0:16	10/25/19 17:28	17:11	Tier 3
CB 357	Harbison Canyon/ Glen Oaks/ W Alpine	10/25/19 1:42	10/25/19 13:10	11:28	Tier 2
357-50R	Harbison Canyon/ Glen Oaks/ W Alpine	10/25/19 1:42	10/25/19 15:22	13:40	Tier 2
357-45R	Dehesa/Alpine/ Rancho Palo Verde	10/25/19 1:42	10/25/19 17:18	15:36	Tier 2
357-750R	Dehesa/Alpine/ Rancho Palo Verde	10/25/19 1:42	10/25/19 17:25	15:43	Tier 2
358-585R	Dehesa/Alpine/ Rancho Palo Verde	10/25/19 0:31	10/25/19 16:40	16:09	Tier 2
1458-519	Dehesa/Alpine/ Rancho Palo Verde	10/25/19 0:32	10/25/19 16:04	15:32	Tier 2
1458-454	Dehesa/Alpine/ Rancho Palo Verde	10/25/19 5:50	10/25/19 15:39	09:49	Tier 2
448-33R	Dulzura/Potrero/Campo	10/25/19 0:44	10/26/19 13:43	36:59	Tier 3
448-13R	Dulzura/Potrero/Campo	10/25/19 0:44	10/26/19 13:47	37:03	Tier 3
176-58R	S Poway	10/25/19 1:20	10/25/19 18:42	17:21	None
176-36R	S Poway	10/25/19 1:20	10/25/19 18:54	17:33	Tier 3

SDG&E Report on Public Safety Power Shutoff Event: October 20–November 1, 2019

Circuit /Device	Communities	Start Date/Time	Restoration Date/Time	Duration	GO 95, Rule 21.2D Classification
237-2R	N Ramona	10/25/19 1:37	10/25/19 17:31	15:54	Tier 2
283-55R	Dehesa/Alpine/ Rancho Palo Verde	10/25/19 1:45	10/25/19 18:32	16:47	Tier 3
283-71F	Dehesa/Alpine/ Rancho Palo Verde	10/25/19 1:45	10/25/19 18:34	16:49	Tier 3
236-10R	N Ramona	10/25/19 2:27	10/25/19 17:09	14:42	Tier 2
236-38R	N Ramona	10/25/19 2:27	10/25/19 17:17	14:50	Tier 2
215-38R	Valley Center/ Rincon/ Pauma Valley	10/25/19 3:28	10/26/19 10:33	31:05	Tier 3
215-1544R	Valley Center/ Rincon/ Pauma Valley	10/25/19 3:28	10/26/19 11:34	32:06	Tier 2
215-1534R	Valley Center/ Rincon/ Pauma Valley	10/25/19 3:28	10/26/19 12:02	32:34	Tier 2
973-630R	E Ramona	10/25/19 3:28	10/25/19 18:11	14:43	Tier 2
973-649R	San Diego Country Estates	10/25/19 3:28	10/25/19 18:24	14:56	Tier 3
973-626R	San Diego Country Estates	10/25/19 3:28	10/25/19 18:36	15:08	Tier 3
220-288R	Julian/ Santa Ysabel/ Morettis	10/25/19 4:35	10/26/19 12:35	32:00	Tier 3
CB 222	Julian/ Santa Ysabel/ Morettis	10/25/19 4:36	10/26/19 13:20	32:44	Tier 3
211-279R	Oak Grove/Warner Springs/Ranchita	10/25/19 6:56	10/26/19 9:06	26:10	Tier 2
211-262R	Oak Grove/Warner Springs/Ranchita	10/25/19 6:56	10/26/19 9:26	26:30	Tier 2
211-280R	Oak Grove/Warner Springs/Ranchita	10/25/19 6:56	10/26/19 11:24	28:28	Tier 2

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Circuit /Device	Communities	Start Date/Time	Restoration Date/Time	Duration	GO 95, Rule 21.2D Classification
212-638R	Oak Grove/Warner Springs/Ranchita	10/25/19 7:07	10/26/19 13:13	30:05	Tier 2
CB 212	Oak Grove/Warner Springs/Ranchita	10/25/19 8:08	10/26/19 13:07	28:59	Tier 2
212-628R	Oak Grove/Warner Springs/Ranchita	10/25/19 8:08	10/26/19 14:25	30:17	Tier 2
212-632R	Oak Grove/Warner Springs/Ranchita	10/25/19 8:08	10/26/19 14:04	29:56	Tier 2
212-652R	Oak Grove/Warner Springs/Ranchita	10/25/19 8:08	10/26/19 14:21	30:13	Tier 2
212-650R	Oak Grove/Warner Springs/Ranchita	10/25/19 8:08	10/26/19 14:20	30:12	Tier 2
212-630R	Oak Grove/Warner Springs/Ranchita	10/25/19 8:08	10/26/19 14:06	29:58	Tier 2
212-678R	Oak Grove/Warner Springs/Ranchita	10/25/19 8:08	10/26/19 15:08	31:00	Tier 2
212-680R	La Jolla Indian Reservation/ Mesa Grande/ Santa Ysabel	10/25/19 8:08	10/26/19 13:36	29:28	Tier 3
448-11R	Dulzura/Potrero/Campo	10/25/19 10:29	10/26/19 13:07	26:37	Tier 3
448-37R	Dulzura/Potrero/Campo	10/25/19 10:29	10/26/19 13:24	26:54	Tier 3
CB 449 /449-6R	Dulzura/Potrero/Campo	10/26/19 11:09	10/26/19 11:22	00:13	Tier 3

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Weather Event 3: October 28–November 1

Circuit /Device	Communities	Start Date/Time	Restoration Date/Time	Duration	GO 95, Rule 21.2D Classification
176-26R*	S Poway	10/29/19 19:16	10/31/19 10:49	39:33	Tier 3
176-36R*	S Poway	10/29/19 19:16	10/31/19 10:51	39:35	Tier 3
176-38R*	Highland Valley	10/29/19 19:16	10/31/19 11:04	39:48	Tier 3
176-41R*	Highland Valley	10/29/19 19:16	10/31/2019 11:10	39:54	Tier 3
176-58R*	S Poway	10/29/19 19:16	10/31/19 10:45	39:29	NONE
BC-TL626	Santa Ysabel/Wynola/Pine Hills	10/29/19 23:17	11/1/19 8:53	57:36	Tier 3
79-799R	Viejas/Descanso/Boulder Creek	10/29/19 23:21	10/31/19 15:33	40:11	Tier 3
F2280111	Viejas/Descanso/Boulder Creek	10/29/19 23:21	10/31/19 15:52	40:30	Tier 3
441-23R	Japatul Valley/Buckman Springs/Morena Village	10/30/19 0:27	10/31/19 15:35	39:07	Tier 3
441-25R	Japatul Valley/Buckman Springs/Morena Village	10/30/19 0:27	10/31/19 15:19	38:51	Tier 3
441-27R	Japatul Valley/Buckman Springs/Morena Village	10/30/19 0:27	10/31/19 15:40	39:12	Tier 3
441-30R	Japatul Valley/Buckman Springs/Morena Village	10/30/19 0:27	10/31/19 15:42	39:14	Tier 3
445-23R	Live Oak Springs/Boulevard/Jacumba	10/30/19 1:53	10/31/19 17:02	39:09	Tier 2
445-24R	Live Oak Springs/Boulevard/Jacumba	10/30/19 1:53	10/31/19 17:12	39:19	Tier 2
1215-12R	Live Oak Springs/Boulevard/Jacumba	10/30/19 1:55	10/31/19 15:44	37:49	Tier 3

SDG&E Report on Public Safety Power Shutoff Event: October 20–November 1, 2019

Circuit /Device	Communities	Start Date/Time	Restoration Date/Time	Duration	GO 95, Rule 21.2D Classification
1215-28R	Live Oak Springs/Boulevard/Jacumba	10/30/19 1:55	10/31/19 15:58	38:03	Tier 3
1215-32R	Live Oak Springs/Boulevard/Jacumba	10/30/19 1:55	10/31/19 16:09	38:14	Tier 3
440-13R	Japatul Valley/Buckman Springs/Morena Village	10/30/19 2:07	10/31/19 12:51	34:44	Tier 3
440-8R	Japatul Valley/Buckman Springs/Morena Village	10/30/19 2:07	10/31/19 12:55	34:48	Tier 3
358-682F	Viejas/Descanso/Boulder Creek	10/30/19 2:13	10/31/19 11:41	33:27	Tier 3
448-11R	Dulzura/Potrero/Campo	10/30/19 2:24	10/31/19 17:31	39:06	Tier 3
448-37R	Dulzura/Potrero/Campo	10/30/19 2:24	10/31/19 17:44	39:19	Tier 3
448-13R	Dulzura/Potrero/Campo	10/30/19 2:25	10/31/19 17:00	38:35	Tier 3
448-19R	Dulzura/Potrero/Campo	10/30/19 2:25	10/31/19 17:16	38:51	Tier 3
448-23R	Dulzura/Potrero/Campo	10/30/19 2:25	10/31/19 17:09	38:44	Tier 3
448-33R	Dulzura/Potrero/Campo	10/30/19 2:25	10/31/19 16:51	38:26	Tier 3
220-294R	Julian/ Santa Ysabel/ Morettis	10/30/19 2:28	10/31/19 17:40	39:11	Tier 3
220-298R	Julian/ Santa Ysabel/ Morettis	10/30/19 2:28	10/31/19 17:44	39:15	Tier 3
157-11R	Dulzura/Potrero/Campo	10/30/19 2:37	10/31/19 17:52	39:14	Tier 3
157-84R	Dulzura/Potrero/Campo	10/30/19 2:37	10/31/19 17:49	39:11	Tier 3
222-1370R	La Jolla Indian Reservation/ Mesa Grande/ Santa Ysabel	10/30/19 2:41	10/31/19 17:48	39:07	Tier 3

SDG&E Report on Public Safety Power Shutoff Event: October 20–November 1, 2019

Circuit /Device	Communities	Start Date/Time	Restoration Date/Time	Duration	GO 95, Rule 21.2D Classification
222-1401R	E Ramona	10/30/19 2:41	10/31/19 17:53	39:12	Tier 3
222-1433R	La Jolla Indian Reservation/ Mesa Grande/ Santa Ysabel	10/30/19 2:41	10/31/19 17:53	39:12	Tier 3
222-1441R	La Jolla Indian Reservation/ Mesa Grande/ Santa Ysabel	10/30/19 2:41	10/31/19 17:52	39:11	Tier 3
222-1364R	Julian/Santa Ysabel/Morettis	10/30/19 2:43	10/31/19 16:53	38:10	Tier 3
222-1503	Julian/Kentwood in the Pines/Banner	10/30/19 2:43	10/31/19 16:56	38:13	Tier 3
222-7R	Santa Ysabel/Wynola/Pine Hills	10/30/19 2:43	10/31/19 16:54	38:11	Tier 3
79-673R	Viejas/Descanso/Boulder Creek	10/30/19 2:43	10/31/19 15:26	36:43	Tier 3
78-26R	Viejas/Descanso/Boulder Creek	10/30/19 2:46	10/31/19 10:32	31:46	Tier 3
1030-987	Lake Wohlford/ Bear Valley/ Skyline Ranch	10/30/19 2:50	10/31/19 13:22	34:32	Tier 3
157-75R	Dulzura/Potrero/Campo	10/30/19 2:56	10/31/19 16:16	37:20	Tier 3
357-1147R	Viejas/Descanso/Boulder Creek	10/30/19 3:02	10/31/19 9:59	30:56	Tier 2
357-1299R	Viejas/Descanso/Boulder Creek	10/30/19 3:02	10/31/19 10:49	31:46	Tier 3
1458-454	Dehesa/Alpine/ Rancho Palo Verde	10/30/19 3:04	10/31/19 9:19	30:14	Tier 2
1458-565	Viejas/Descanso/Boulder Creek	10/30/19 3:04	10/31/19 9:24	30:19	Tier 3
237-30R	N Ramona	10/30/19 3:08	10/31/19 13:45	34:37	Tier 3
220-288R	Julian/ Santa Ysabel/ Morettis	10/30/19 4:19	10/31/19 17:35	37:16	Tier 3

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Circuit /Device	Communities	Start Date/Time	Restoration Date/Time	Duration	GO 95, Rule 21.2D Classification
79-679R	Viejas/Descanso/Boulder Creek	10/30/19 4:19	10/31/19 15:20	35:01	Tier 3
221-344R	Julian/ Santa Ysabel/ Morettis	10/30/19 4:44	10/31/19 17:16	36:31	Tier 3
221-19R	Julian/Kentwood in the Pines/Banner	10/30/19 4:51	10/31/19 17:07	36:16	Tier 3
221-35R	Julian/Kentwood in the Pines/Banner	10/30/19 4:51	10/31/19 17:09	36:18	Tier 2
221-37AE	Julian/ Santa Ysabel/ Morettis	10/30/19 4:51	10/31/19 17:03	36:12	Tier 3
221-43AE	Julian/Kentwood in the Pines/Banner	10/30/19 4:51	10/31/19 17:43	36:52	Tier 3
221-675R	Julian/Kentwood in the Pines/Banner	10/30/19 4:51	10/31/19 17:15	36:24	Tier 2
221-6R	Julian/Kentwood in the Pines/Banner	10/30/19 4:51	10/31/19 17:13	36:22	Tier 2
Generator	Julian/Kentwood in the Pines/Banner	10/30/19 4:51	10/30/19 5:49	00:58	Tier 2
1243-45R	Ladera Ranch/ Coto De Caza/ Ortega	10/30/19 5:15	10/30/19 18:09	12:53	Tier 2
470-47R	Rancho Peñasquitos/ Rancho Bernardo/ San Pasqual	10/30/19 5:27	10/30/19 18:24	12:56	Tier 2
221-31R	Julian/ Santa Ysabel/ Morettis	10/30/19 5:41	10/31/19 16:58	35:17	Tier 3
214-1122R	Rincon/ La Jolla Indian Reservation/ Hellhole Canyon	10/30/19 5:53	10/31/19 14:00	32:06	Tier 3
283-55R	Dehesa/Alpine/ Rancho Palo Verde	10/30/19 6:15	10/30/19 16:45	10:30	Tier 3
DV1-3R	Dehesa/Alpine/ Rancho Palo Verde	10/30/19 6:15	10/30/19 16:56	10:41	Tier 3
1166-18R	Dehesa/Alpine/ Rancho Palo Verde	10/30/19 6:17	10/30/19 17:25	11:07	Tier 3

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Circuit /Device	Communities	Start Date/Time	Restoration Date/Time	Duration	GO 95, Rule 21.2D Classification
1166-15R	Dehesa/Alpine/ Rancho Palo Verde	10/30/19 6:18	10/30/19 17:24	11:05	Tier 3
79-685R	E Descanso/ Green Valley Falls/Cuyamaca	10/30/19 6:23	10/31/19 16:25	34:01	Tier 3
357-45R	Dehesa/Alpine/ Rancho Palo Verde	10/30/19 6:24	10/31/19 9:41	27:17	Tier 2
357-50R	Harbison Canyon/ Glen Oaks/ W Alpine	10/30/19 6:24	10/31/19 9:03	26:39	Tier 2
357-750R	Dehesa/Alpine/ Rancho Palo Verde	10/30/19 6:24	10/31/19 9:46	27:22	Tier 2
358-585R	Dehesa/Alpine/ Rancho Palo Verde	10/30/19 6:24	10/31/19 11:32	29:08	Tier 2
CB 357	Harbison Canyon/ Glen Oaks/ W Alpine	10/30/19 6:24	10/31/19 8:24	26:00	Tier 2
1458-519	Dehesa/Alpine/ Rancho Palo Verde	10/30/19 6:27	10/31/19 9:51	27:24	Tier 2
215-1534R	Valley Center/ Rincon/ Pauma Valley	10/30/19 6:29	10/31/19 11:58	29:28	Tier 2
215-1544R	Valley Center/ Rincon/ Pauma Valley	10/30/19 6:29	10/31/19 12:40	30:10	Tier 2
215-38R	Valley Center/ Rincon/ Pauma Valley	10/30/19 6:29	10/31/19 11:30	29:00	Tier 3
236-10R	N Ramona	10/30/19 6:32	10/31/19 12:29	29:57	Tier 2
236-38R	N Ramona	10/30/19 6:32	10/31/19 12:44	30:12	Tier 2
908-1236R	Valley Center/ Lilac	10/30/19 7:04	10/30/19 18:19	11:14	Tier 2
907-1602	Valley Center/ Rincon/ Pauma Valley	10/30/19 7:06	10/30/19 18:32	11:25	Tier 3
1022-17F	Valley Center/ Lilac	10/30/19 7:07	10/30/19 17:12	10:05	Tier 3

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Circuit /Device	Communities	Start Date/Time	Restoration Date/Time	Duration	GO 95, Rule 21.2D Classification
1022-24R	Valley Center/ Lilac	10/30/19 7:07	10/30/19 17:19	10:12	Tier 3
1022-26R	Valley Center/ Lilac	10/30/19 7:07	10/30/19 17:23	10:16	Tier 3
907-1702R	Lake Wohlford/ Bear Valley/ Skyline Ranch	10/30/19 7:09	10/30/19 18:40	11:31	Tier 3
907-1716R	Valley Center/ Rincon/ Pauma Valley	10/30/19 7:09	10/30/19 18:29	11:20	Tier 3
1021-25R	Valley Center/ Lilac	10/30/19 7:10	10/30/19 17:30	10:20	Tier 3
1021-879R	Valley Center/ Lilac	10/30/19 7:10	10/30/19 17:28	10:18	Tier 3
1021-883R	Valley Center/ Lilac	10/30/19 7:10	10/30/19 17:26	10:16	Tier 3
CB 1021	Valley Center/ Lilac	10/30/19 7:10	10/30/19 17:16	10:06	Tier 2
1001-1130R	NW Rancho Santa Fe/ San Elijo Lagoon	10/30/19 7:15	10/31/19 10:08	26:53	None
1001-1140R	NE Rancho Santa Fe	10/30/19 7:15	10/31/19 10:13	26:58	None
305-32R	NW Rancho Santa Fe/ San Elijo Lagoon	10/30/19 7:15	10/31/19 11:05	27:50	None
307-1492R	SE Rancho Santa Fe	10/30/19 7:16	10/31/19 11:18	28:02	None
307-234R	SE Rancho Santa Fe	10/30/19 7:16	10/31/19 11:34	28:18	None
909-17R	Valley Center/ Rincon/ Pauma Valley	10/30/19 7:28	10/31/19 14:39	31:10	Tier 2
216-220R	Valley Center/ Rincon/ Pauma Valley	10/30/19 7:31	10/31/19 12:27	28:56	Tier 3
75-1744R	Dulzura/Potrero/Campo	10/30/19 7:34	10/31/19 12:35	29:00	Tier 3

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Circuit /Device	Communities	Start Date/Time	Restoration Date/Time	Duration	GO 95, Rule 21.2D Classification
157-87R	Dulzura/Potrero/Campo	10/30/19 7:39	10/31/19 16:35	32:56	Tier 3
442-14R	Japatul Valley/Buckman Springs/Morena Village	10/30/19 7:49	10/31/19 15:38	31:49	Tier 3
442-16R	Japatul Valley/Buckman Springs/Morena Village	10/30/19 7:49	10/31/19 15:47	31:58	Tier 3
442-2R	Japatul Valley/Buckman Springs/Morena Village	10/30/19 7:49	10/31/19 15:42	31:53	Tier 3
79-658R	Guatay/Pine Valley/Mount Laguna	10/30/19 7:49	10/31/19 16:07	32:18	Tier 3
79-660R	E Descanso/ Green Valley Falls/Cuyamaca	10/30/19 7:49	10/31/19 16:28	32:39	Tier 3
79-668R	E Descanso/ Green Valley Falls/Cuyamaca	10/30/19 7:49	10/31/19 16:41	32:52	Tier 3
79-714R	E Descanso/ Green Valley Falls/Cuyamaca	10/30/19 7:49	10/31/19 16:01	32:12	Tier 3
1100-45	W Bernardo/ Del Dios/ Lake Hodges	10/30/19 8:01	10/31/19 14:04	30:02	Tier 2
CB 1100	Rancho Penasquitos/ Rancho Bernardo/ San Pasqual	10/30/19 8:01	10/30/19 8:09	00:07	Tier 2
908-1172R	Valley Center/ Rincon/ Pauma Valley	10/30/19 8:15	10/30/19 18:57	10:42	Tier 2
908-1201R	Valley Center/ Rincon/ Pauma Valley	10/30/19 8:15	10/30/19 18:14	09:59	Tier 2
1030-18R	Lake Wohlford/ Bear Valley/ Skyline Ranch	10/30/19 8:22	10/31/19 13:12	28:50	Tier 3
1030-20R	Lake Wohlford/ Bear Valley/ Skyline Ranch	10/30/19 8:22	10/31/19 13:09	28:47	Tier 3
1030-23R	Valley Center/Rincon/Pauma Valley	10/30/19 8:22	10/30/19 16:25	08:03	Tier 3
1030-42R	Lake Wohlford/ Bear Valley/ Skyline Ranch	10/30/19 8:22	10/31/19 12:49	28:27	Tier 3

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Circuit /Device	Communities	Start Date/Time	Restoration Date/Time	Duration	GO 95, Rule 21.2D Classification
1030-989R	Lake Wohlford/ Bear Valley/ Skyline Ranch	10/30/19 8:22	10/31/19 13:21	28:59	Tier 3
RB1-19R	Rainbow/ Rice Canyon/ Pala Mesa Village	10/30/19 8:30	10/31/19 12:11	27:41	Tier 3
RB1-30R	Rainbow/ Rice Canyon/ Pala Mesa Village	10/30/19 8:30	10/31/19 12:09	27:39	Tier 3
521-18R	NE Fallbrook	10/30/19 8:32	10/30/19 18:03	09:31	Tier 2
521-32R	NE Fallbrook	10/30/19 8:32	10/31/19 14:10	29:38	Tier 3
1233-252R	Pala	10/30/19 8:36	10/31/19 16:06	31:29	Tier 3
239-15R	Pala	10/30/19 8:42	10/31/19 11:05	26:23	Tier 3
237-2R	N Ramona	10/30/19 9:15	10/31/19 11:11	25:56	Tier 2
F547337	N Ramona	10/30/19 9:15	10/31/19 13:44	28:29	Tier 3
175-24R	N Poway/ Green Valley	10/30/19 9:22	10/31/19 11:34	26:12	None
175-64R	Highland Valley	10/30/19 9:22	10/31/19 11:48	26:26	Tier 3
175-90R	Highland Valley	10/30/19 9:22	10/31/19 11:44	26:22	Tier 2
175-94R	N Poway/ Green Valley	10/30/19 9:22	10/31/19 11:39	26:17	Tier 2
CB 327	N Poway/ Green Valley	10/30/19 9:48	10/31/19 10:37	24:49	Tier 3
CB 1243	Ladera Ranch/ Coto De Caza/ Ortega	10/30/19 10:28	10/30/19 17:48	07:20	Tier 2
73-23R	Japatul Valley/Buckman Springs/Morena Village	10/30/19 10:42	10/31/19 11:12	24:30	Tier 3

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Circuit /Device	Communities	Start Date/Time	Restoration Date/Time	Duration	GO 95, Rule 21.2D Classification
73-49R	Viejas/Descanso/Boulder Creek	10/30/19 10:42	10/31/19 10:58	24:16	Tier 3
73-765R	Japatul Valley/Buckman Springs/Morena Village	10/30/19 10:42	10/31/19 11:06	24:24	Tier 3
79-676R	Viejas/Descanso/Boulder Creek	10/30/19 10:42	10/31/19 15:15	28:33	Tier 3
CB 73	Viejas/Descanso/Boulder Creek	10/30/19 10:42	10/31/19 10:38	23:56	Tier 3
CB 79	Viejas/Descanso/Boulder Creek	10/30/19 10:56	10/31/19 15:09	28:13	Tier 3
CB 222	Julian/ Santa Ysabel/ Morettis	10/30/19 13:28	10/31/19 11:08	21:40	Tier 3
Generator	Julian/Kentwood in the Pines/Banner	10/31/19 17:20	10/31/19 17:43	00:23	Tier 2

***Outages were not initiated as PSPS, but were left out of service in the interest of public safety until SDG&E crews were able to patrol to ensure safe conditions prior to re-energization.**

5. Describe how sectionalization was considered/ implemented and the extent to which it impacted the size and scope of the de-energization event

Response:

SDG&E was able to implement sectionalization during this PSPS event to reduce customer impacts. SDG&E de-energized portions of many of the de-energized circuits during this event, rather than the entire circuits. By de-energizing only portions of the circuit, customer impacts of this PSPS event were reduced during each weather event:

Weather Event 1: October 20–22

- No PSPS implemented

Weather Event 2: October 24–26

- Utilized sectionalization for 18 of 36 de-energized circuits, which reduced customer impacts by 10,149.

Weather Event 3: October 28–November 1

- Utilized sectionalization for 24 of 48 de-energized circuits, which reduced customer impacts by 8,731.

Sectionalization was also used to prevent outages by transferring service of customers to other circuits/devices, when possible. This reduced the number of customers who experienced PSPS and shortened the duration of outages in several areas, including the Viejas and Rincon reservations, as well as several communities in eastern San Diego. SDG&E also provided a generator to avoid a service interruption for businesses and basic services in downtown Julian.

SDG&E also used sectionalizing devices to send warning messages and notifications of potential PSPS impacts to specific, more precise customer groups.

SDG&E Report on Public Safety Power Shutoff Event: October 20–November 1, 2019

6. The number of affected customers, broken down by residential, medical baseline, commercial/industrial and other.

Response:

Weather Event 1: October 20–22

SDG&E monitored weather conditions in its EOC for the event that was expected to impact the San Diego region starting in the evening of October 20, 2019. Based on real-time observations of weather conditions, the Santa Ana event on October 20–22 was ultimately weaker than expected and did not require any de-energizations for public safety. As such, there were no customers impacted by PSPS during this period.

Weather Event 2: October 24–26

Circuit/ Device	Total # Impacted Customers	Residential	Commercial/ Industrial	Medical Baseline	PSPS Critical Facilities
1030-987	30	28	4	4	0
1030-989R	155	87	71	6	1
1166-18R	267	243	28	28	1
1215-12R	136	102	42	5	6
1458-454	1253	856	69	78	19
157-75R	338	232	106	20	13
157-87R	314	254	65	18	6
176-58R	1337	651	353	118	49
211-279R	291	218	98	21	11
212-632R	644	326	179	13	17
214-1122R	390	290	77	15	7
215-38R	495	431	67	40	5
217-983R	76	70	8	3	0
220-288R	318	222	111	7	8
221-31R	1619	1297	334	68	44
222-1364R	1452	777	257	32	12
236-10R	677	558	123	50	8
237-2R	674	537	166	47	13
283-55R	459	348	113	27	14
357-1147R	1747	289	20	28	6
358-585R	360	254	107	15	7
440-13R	262	208	58	4	14
441-25R	103	51	70	4	31
442-14R	1318	751	110	50	25
445-23R	344	288	63	24	5
448-11R	336	282	55	22	5
448-33R	516	406	121	27	14

SDG&E Report on Public Safety Power Shutoff Event: October 20–November 1, 2019

Circuit/ Device	Total # Impacted Customers	Residential	Commercial/ Industrial	Medical Baseline	PSPS Critical Facilities
449-6R	619	545	84	45	3
73-765R	750	304	65	28	5
75-1744R	17	0	17	0	10
78-26R	114	79	35	18	1
79-658R	843	165	83	5	15
971-26R	1017	887	149	83	18
973-630R	1350	1228	129	110	24
Total	20,621	13,624	3,437	1,063	417

Weather Event 3: October 28–November 1

Circuit/ Device	Total # Impacted Customers	Residential	Commercial/ Industrial	Medical Baseline	PSPS Critical Facilities
1001-1130R	1206	1094	117	36	16
1021-CB	708				
1022-17F	130	106	29	3	2
1030-23R	1322	1065	292	77	25
1166-15R	60	55	5	4	0
1166-18R	267	243	28	28	1
1215-12R	135	102	42	5	6
1233-252R	586	408	183	14	15
1243-45R	101	8	45	0	16
1458-454	922	856	69	78	19
1458-519	179	132	50	11	2
157-75R	338	232	106	20	13
157-87R	314	254	65	18	6
175-24R	1225	1031	201	49	22
176-58R	1339	163	94	6	8
214-1122R	365	290	77	15	7
215-38R	495	431	67	40	5
216-220R	216	175	38	6	5
220-288R	318	222	111	7	8
221-31R	1615	1297	334	68	44
222-1364R	1452	1195	257	32	12
236-10R	676	558	123	50	8
237-2R	676	537	166	47	13
239-15R	488	417	71	7	2
283-55R	458	348	113	27	14
305-32R	341	264	80	12	4
307-1492R	1001	898	111	32	9

SDG&E Report on Public Safety Power Shutoff Event: October 20–November 1, 2019

Circuit/ Device	Total # Impacted Customers	Residential	Commercial/ Industrial	Medical Baseline	PSPS Critical Facilities
357-50R	1748	423	22	57	5
358-585R	360	254	107	15	7
440-13R	262	208	58	4	14
441-23R	343	48	52	4	24
441-25R	103	51	70	4	31
442-14R	843	751	110	50	25
445-23R	344	288	63	24	5
448-11R	336	282	55	22	5
448-33R	516	406	121	27	14
470-47R	186	75	113	6	11
521-18R	474	339	138	25	16
73-765R	366	304	65	28	5
75-1744R	17	0	17	0	10
78-26R	843	234	35	18	1
79-676R	843	536	153	35	20
907-1716R	946	694	68	52	5
908-1201R	1748	1483	283	98	26
909-17R	492	377	125	20	4
	27,703	23,177	4,529	1,181	501

SDG&E Report on Public Safety Power Shutoff Event: October 20–November 1, 2019

7. Describe any wind-related damage to SDG&E’s overhead powerline facilities in the areas where power was shutoff;

Response:

SDG&E crews patrolled the de-energized lines prior to re-energization to ensure safe operating conditions.

Most damage found during the event was caused by trees and tree branches contacting overhead conductors. Other issues commonly seen were failures of communication cable. Photos and brief descriptions of the wind-related damage to SDG&E facilities listed in the tables below for Weather Events 2 and 3 can be found in Appendix 7.

Weather Event 2: October 24–26

During Weather Event 2, SDG&E captured 5 wind-related damages to the system while the circuits were de-energized.

Circuit	District	General Cause	Equipment
176	Northeast	Tree/Vegetation Contact	Conductor, OH
222	Ramona	Severe Weather	Cable Splice/Connector
157	Mountain Empire	Severe Weather	Cross Arm
157	Mountain Empire	Severe Weather	Cross Arm
212	Ramona	Device/Equipment Damaged	Transformer

Weather Event 3: October 28 – November 1

During Weather Event 3, SDG&E captured 10 wind-related damages to the system while the circuits were de-energized.

Circuit	District	General Cause	Equipment
283	Eastern	Severe Weather	Communication
1001	North Coast	Tree/Vegetation Contact	Conductor, OH
305	North Coast	Tree/Vegetation Contact	Pole
305	North Coast	Tree/Vegetation Contact	Pole
358	Eastern	Severe Weather	Cross Arm
237	Ramona	Tree/Vegetation Contact	Conductor, OH
1233	Northeast	Tree/Vegetation Contact	Conductor, OH
521	Northeast	Severe Weather	Down Guy
521	Northeast	Severe Weather	Other Hardware
PE1	Ramona	Severe Weather	Conductor, OH

Photos and brief descriptions of the wind-related damage to SDG&E facilities can be found in Appendix 7.

SDG&E Report on Public Safety Power Shutoff Event: October 20–November 1, 2019

8. **Provide a description of the customer notice and any other mitigation provided by SDG&E. Include a copy of all notifications, the timing of notifications, the methods of notifications and who (IOU or public safety partner) made the notification. If SDG&E failed to provide notifications according to the timelines set forth in the CPUC PSPS Guidelines (see D.19-05-042), include an explanation of the circumstances that resulted in such failure.**

Response:

- a. For each of the three weather events, SDG&E proactively notified customers who were in areas that would potentially be impacted by PSPS. Notifications were made via outbound dialer, email, text messaging and personal phone calls. Helpful information was also shared on SDG&E's websites (SDGE.com and SDGEnews.com), SDG&E's social media channels (Twitter, Facebook, Instagram) and with local, state and national news media outlets.
- b. The three weather events that impacted SDG&E's service area between October 20 and November 1 occurred with fewer than 48-hours between each event. Pursuant to D.19-05-042, initial notification to Public Safety Partners is required 48–72-hours prior to a PSPS event. As such, SDG&E's treated these consecutive weather events as a single PSPS event for initial notifications to external agencies, including the CPUC and CalOES. Notifications to external agencies following the October 20–22 and October 24–26 weather events included information on the extension of the PSPS event due to the subsequent weather events forecast to impact the region.
- c. While initial notification to external agencies was not repeated, SDG&E treated each of the three weather events as separate events regarding customer notifications. SDG&E provided advanced notifications to customers in the areas expected to be impacted by each weather event according to the guidelines set forth in D.19-05-042. Initial customer notifications were sent on October 18 for the weather event beginning October 20, on October 22 for the weather event beginning October 24, and on October 28 for the weather event beginning on October 28.

Weather Event 1: October 20–22

- i. For customers potentially impacted by PSPS overnight, SDG&E did not provide notification in the 1–4-hours prior. This notification was not made in order to prevent waking up customers in the middle of the night. Instead, these customers were notified of the potential of PSPS on October 21 at 15:32, more than 1–4-hours prior to potential PSPS.

Weather Event 2: October 24–26

- i. For customers' whose power was turned off overnight, SDG&E did not provide notification in the 1–4-hours prior. This notification was not made in order to prevent waking up customers in the middle of the night. Instead, these customers were notified of the potential of PSPS on October 23 at 17:50 and October 24 at 14:44, more than 1–4-hours prior to the implementation of PSPS.

SDG&E Report on Public Safety Power Shutoff Event: October 20–November 1, 2019

- ii. Awareness messaging was sent to all customers impacted by extreme weather conditions. Additional warning messages regarding potential PSPS and the Red Flag Warning were sent to customers most likely to be impacted by PSPS. When PSPS occurred, SDG&E communicated to customers why they were without power, when they could expect power to be restored and followed-up with contact when power was restored. Other warning messages and notifications of potential de-energizations were sent to specific sectionalizing devices as weather conditions worsened, though these customers were not ultimately de-energized for public safety.
- iii. Due to dynamic weather conditions, SDG&E was unable to provide notifications according to the timelines set forth in the CPUC PSPS Guidelines (see D.19-05-042) for the following circuits:

Circuit/ Device	Total # Impacted Customers	Residential	Commercial/ Industrial	Medical Baseline	PSPS Critical Facilities
215-38R	495	431	67	40	5

Weather Event 3: October 28–November 1

- i. For customers' whose power was turned off overnight, SDG&E did not provide notification in the 1–4-hours prior. This notification was not made in order to prevent waking up customers in the middle of the night. Instead, these customers were notified of the potential of PSPS on October 29 at 18:20, more than 1–4 hours prior to the implementation of PSPS.
- ii. Awareness messaging was sent to all customers impacted by extreme weather conditions. Additional warning messages regarding potential PSPS and the Red Flag Warning were sent to customers most likely to be impacted by PSPS. When PSPS occurred, SDG&E communicated to customers why they were without power, when they could expect power to be restored and followed-up with contact when power was restored. Other warning messages and notifications of potential de-energizations were sent to specific sectionalizing devices as weather conditions worsened, though these customers were not ultimately de-energized for public safety.
- iii. Due to dynamic weather conditions, SDG&E was unable to provide notifications according to the timelines set forth in the CPUC PSPS Guidelines (see D.19-05-042) for the following circuits:

Circuit/ Device	Total # Impacted Customers	Residential	Commercial/ Industrial	Medical Baseline	PSPS Critical Facilities
470-47R	186	75	113	6	11
RB1-30R	266	153	116	5	10
521-18R	474	339	138	25	16
1233-252R	264	408	183	14	15
239-15R	222	101	71	7	2

SDG&E Report on Public Safety Power Shutoff Event: October 20–November 1, 2019

See Appendix 1 for details of notifications to customers

See Appendix 2 for details of notifications to Public Safety and Community Partners

See Appendix 3 for details of notifications to the CPUC

See Appendix 4 for details of notifications to Government Officials/Representatives

See Appendices 5 and 6 for details of notifications to Cal OES

SDG&E Report on Public Safety Power Shutoff Event: October 20–November 1, 2019

- 9. For those customers where positive or affirmative notification was attempted, an accounting of the customers (which tariff and/or access and functional needs population designation), the number of notification attempts made, the timing of attempts, who made the notification attempt (utility or public safety partner) and the number of customers for whom positive notification was achieved**

Response:

Customer notifications were made by SDG&E.

SDG&E successfully made affirmative notifications to medical baseline (MBL) customers who were not reached by phone. SDG&E completed 465 total in-person notifications for customers during this event, including 14 related to the October 20–22 weather event, 259 for the October 24–26 weather event, and 192 for the October 28–November 1 weather event.

SDG&E Report on Public Safety Power Shutoff Event: October 20–November 1, 2019

- 10. The address of each community assistance location during a de-energization event, describe the location (building, trailer, etc.), describe the assistance available at each location, and the days and hours it was open.**

Response:

SDG&E opened seven Community Resource Centers (CRC) and two Community Information Centers (CIC) during this event.

Community Resource Centers

Location	Site Description	Resources Provided	Days/ Hours of Operation
Descanso Public Library 9545 River Dr. Descanso, CA 91916	Building	Bottled water, snacks, ice, water trucks, electronics charging, outage updates	Oct. 24–26, Oct. 30–31 0800-1800
Whispering Winds Catholic Camp 17606 Harrison Park Rd. Julian, CA 92036	Building	Bottled water, snacks, ice, water trucks, electronics charging, outage updates	Oct. 24–26, Oct. 30–31 0800-1800
Warner Springs Community Center 30950 CA-79 Warner Springs, CA 92086	Building	Bottled water, snacks, ice, water trucks, electronics charging, outage updates	Oct. 25–26, Oct. 30 0800-1800
Pine Valley Improvement Club 28890 Olde Hwy 80 Pine Valley, CA 91962	Building	Bottled water, snacks, ice, water trucks, electronics charging, outage updates	Oct. 24 1200–1800 Oct. 25, 30–31 0800-1800
Lake Morena Community Church 29765 Oak Dr. Campo, CA 91906	Building	Bottled water, snacks, ice, water trucks, electronics charging, outage updates	Oct. 25–26, Oct. 30–31 0800-1800
Dulzura Community Center 1136 Community Building Dr. Dulzura, CA 91917	Building	Bottled water, snacks, ice, water trucks, electronics charging, outage updates	Oct. 25–26, Oct. 30–31 0800-1800
Potrero Community Center 24550 Hwy 94 Potrero, CA 91963	Building	Bottled water, snacks, ice, water trucks, electronics charging, outage updates	Oct. 25–26, Oct. 30–31 0800-1800

Community Information Centers

Location	Site Description	Resources Provided	Days/ Hours of Operation
Valley Center Branch Library 29200 Cole Grade Rd. Valley Center, CA 92082	Building	Bottled water, snacks, ice, water trucks, electronics charging, outage updates	Oct. 25–26, Oct. 30–31 0800-1800
Ramona Branch Library 1275 Main St. Ramona, CA 92065	Building	Electronics charging, outage updates	Oct. 25–26, Oct. 30–31 0800-1800

11. A description and evaluation of engagement with local and state public safety partners in providing advanced outreach/notification during the PSPS event

Response:

Throughout the event SDG&E remained engaged with its local and state public safety partners. In addition to email notifications (see Appendices 2, 5 and 6 for details), SDG&E monitored its on-duty phone numbers and emails 24/7, which was provided to local and state public safety partners as early as priority advanced notification and throughout the event. This direct line to on duty officers within the Emergency Operations Center enabled local and state public safety partners to get information in real-time from the appropriate experts.

SDG&E fielded all inquiries from local and state public safety partners. Questions primarily concerned restoration times, community resource centers, and what areas could be impacted and were impacted during the event.

Additionally, GIS map layers were provided to public safety partners via a secure file transfer protocol for situational awareness.

12. The local communities' representatives SDG&E contacted prior to de-energization and the date on which they were contacted.

Response:

Please see Appendix 2 for details of notifications to Public Safety and Community Partners

SDG&E Report on Public Safety Power Shutoff Event: October 20–November 1, 2019

13. Summarize the number and nature of complaints received as a result of the de-energization event and include claims that are filed against SDG&E because of the de-energization.

Response:

As of November 15, SDG&E has received 25 complaints related to the October 20–November 1 PSPS event. Please see below for details regarding the complaints:

Type	Resolution Steps	Short Description	Date Received
Complaint	Filing complaint for tracking. Customer did not request call.	Customer complained about PSPS.	10/24/19
Complaint	Called Ms. to discuss PSPS.	Customer is upset electric was shut off during PSPS and claims we should have called our customer with more advance notice to let them know the service was going to be shut off.	10/28/19
Complaint	Complaint will be forwarded to CPUC.	Customer believes they should get notification day before PSPS.	10/28/19
Complaint	Filing complaint only. PSPS	Customer upset that power was shut off due to the fire risk. Customer said there are no winds and it is unfair.	10/28/19
Complaint	Made contact with customer. Went over reasoning behind PSPS	Customer stated there were higher winds on Wednesday and Thursday then Friday and Saturday which was when PSPS happened in his area. Customer not happy that there were no gusts of wind happening during those days but was still shut off.	10/28/19
Complaint	PSPS. Filing complaint	Customer complained about the PSPS. He said another community with the same winds was not shut off. Also complained that resource center was not open during entire outage or properly staffed.	10/28/19
Complaint	Called and left message for Ms. to call back.	Customer unhappy that her neighbors who have power lines above ground have their electricity back on however she does not, and her electricity is underground, and they have no water because the well is out	10/28/19
Complaint	Explained multiple factors involved when restoring power	Customer not happy with the PSPS. She stated her neighbor across the street had their power turned on sooner than her.	10/28/19

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Complaint	Explained why PSPS is necessary	Customer not happy with PSPS. Stated we should not have to shut down power for public safety.	10/28/19
Complaint	Entered complaint	Customer upset she did not receive all the notifications for PSPS only one advising she has been restored. Also states outage map is not updated enough.	10/29/19
Complaint	Escalated to the OBD team for correction	Cell # removed from records year ago. Rec OBD calls re PSPS on cell instead of home. Concerned may miss important cl from us as does not use cell often & cell reception not always stable in her area. Called many times to report, continued to receive calls to cell.	10/29/19
Complaint	Filing complaint. PSPS	Customer upset about PSPS. Outage was caused by a fault on the circuit but will probably not be restored until end of PSPS in the area.	10/30/19
Complaint	spoke with customer. Ms. satisfied with filing formal complaint	Customer experienced an unplanned outage on 10/29 and now being affected by the PSPS. Customer upset her power went off before it was supposed to.	10/30/19
Complaint	Mailed information regarding PSPS process via U.S. Mail.	Customer escalated complaint regarding PSPS outage. Claims was provided incorrect information when he inquired about the restoration time. He further claims we always provide incorrect information. Request info regarding PSPS be mailed to him.	10/30/19
Complaint	Complaint filed for tracking.	Customer complained about PSPS. Customer feels that the left-wing government prevents us from cleaning debris below electrical equipment which causes the high fire risk.	10/31/19
Complaint	Filing for tracking	Customer disputes the PSPS. Customer says we were incorrect to shut off the power on his grid when we left the power on in other areas with a higher risk.	10/31/19
Complaint	Filing for tracking	Customer complained about PSPS.	10/31/19
Complaint	Complaint filed on the customer's behalf.	Customer feels we are shutting of the power to avoid being sued, not for public safety.	10/30/19
Complaint	Explained reasons for PSPS	Customer not happy power was shut down due to PSPS. States vegetation up keep is good in her area and most of the power lines are underground.	10/31/19
Complaint	Called customer. No answer.	Customer requested to file complaint regarding PSPS which took place on 10/30/19.	11/4/19

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Complaint	Customer contacted. No answer. Left voicemail.	Customer upset about PSPS and availability of updated information.	11/4/19
Complaint	Explained reason for power shut off.	Customer not happy his power was shut off for safety due to RFW. Request power be restored.	10/30/19
Complaint	Feedback provided to communications team.	Customer requests PSPS outage notification include address and/or street name outage pertains to.	11/5/19
Complaint	Called customer. No answer.	Customer wrote letter to Supervisor's Office regarding PSPS. Concerns include: Power shut off when insignificant winds are recorded; power is kept off overnight; what weather service is utilized; why does the utility run ads; impact to residents.	11/11/19
Complaint	Concern forwarded to communications group.	Customer concerned that she did not receive notification prior to PSPS outage. Customer requests that utility provide a generator.	11/13/19

As of November 15, SDG&E has received 80 claims related to the PSPS events that took place October 20–November 1:

- 12 claims: Property damage
- 0 claims: Solar related
- 53 claims: Food loss
- 7 claims: Inconvenience of being without power
- 3 claims: Business loss
- 5 claims: Hotel stays

14. Provide detailed description of the steps taken to restore power.

Response:

SDG&E considers and implements the following steps to restore power:

- a. Meteorology forecasted wind gusts have peaked and are trending downward;
- b. Real-time observer reports confirming no impacts to system, no debris and no vegetation impacts;
- c. Full patrol of the de-energized distribution circuit or transmission tie-line to inspect for damages;
- d. Electric Troubleshooter, observers and/or line crews on-site during re-energization process at key locations;
- e. Contract Fire-Fighting Resources (CFR) on-site during re-energization process;
- f. Check and ensure all personnel are in the clear before re-energization;
- g. Approval by OIC, Deputy Ops, and Field Utility Commander to restore device/circuit/tie-line; and
- h. Electric Distribution Operations/Electric Grid Operations notifies EOC of time reenergization was completed.

15. Lessons learned by SDG&E from the PSPS event.

Response:

Website / Emergency Notification System

- SDG&E is reviewing and amending the local community names used for notifications to provide more targeted community information to public safety partners and customers, e.g., rather than messaging that “portions of Encinitas” are potentially impacted, using the targeted community name, “Olivenhain” to provide additional clarity to customers and public safety partners in the region.
- Process enhancements are being reviewed to shorten the time between receiving a complete a weather forecast and updating/posting GIS maps to SDG&E’s website.
- Based on experience with this latest event, our messages will be reviewed to determine if there is any need for modifications. For example, non-customer communications caused confusion to those customers who signed-up for notification related to multiple zip codes, as it was unclear which zip code was at risk. SDG&E will work to make it clear for these customers, reviewing the dedicated PSPS webpage is a resource to determine which zip code is at risk.
- We need to review the “domain reputation” for non-customer e-mail communications. We have reports of those notifications going into users’ spam folders.
- Although processes were pre-established for notifications, tracking and reporting the changing requirements during the event were frequent and made it difficult to manage efficiently.

16. Recommended updates/modifications the PSPS guidelines adopted in ESRB-8 and D.19-05-042.

Response:

This was SDG&E’s second PSPS event utilizing the de-energization guidelines from D.19-05-042. SDG&E’s recommendations based on these initial experiences implementing PSPS under the new guidelines are as follows:

1. Critical facilities should be clearly defined. Today this definition is overly broad and captures facilities that would not cause public harm if de-energization occurred;
2. Explore an “opt-out” option process for customer segments that the utilities are required to communicate with who do not wish to receive communication. SDG&E has already been asked about an “opt out” option from certain Public Safety Partners.
3. The required eight languages (English, Spanish, Mandarin, Cantonese, Tagalog, Vietnamese, Korean, and Russian) do not adequately reflect the demographics of SDG&E’s community. SDG&E recommends the language requirement be modified to align with the San Diego County and Orange County Registrar of Voters language requirements (English, Spanish, Chinese, Vietnamese, Tagalog, and Korean), which would ensure SDG&E’s notifications mirror the non-English/limited English populations within its service territory.

17. Include any other matters that SDG&E believes are relevant to the Commission’s assessment of the reasonableness of SDG&E’s decision to de-energize.

Response:

At the times SDG&E implemented PSPS throughout this event, weather conditions included high winds, low humidity and warm temperatures. These conditions, combined with relatively dry vegetation, could have resulted in a widespread wildfire, had an ignition occurred.

The available data supported an extreme threat of large and destructive wildfires with rapid rates of spread and long-range spotting, should an ignition occur. Based on the weather forecasts, as well as real-time observations of weather conditions and reports from field observers, de-energizations were determined to be the best method to mitigate the risk of potential utility-caused wildfires.

SDG&E Report on Public Safety Power Shutoff Event: October 20–November 1, 2019

VERIFICATION

I am an officer of the applicant corporation herein and am authorized to make this verification on its behalf. I am informed and believe that the matters stated in the foregoing document are true.

I declare under penalty of perjury that the foregoing is true and correct. Executed this 15th day of November 2019, at San Diego, California.

John D. Jenkins

John D. Jenkins
Vice President, Electric System Operations
San Diego Gas & Electric Company