



Clay Faber  
Director – Regulatory Affairs  
8330 Century Park Court  
San Diego, CA 92123-1548

Tel: 858-654-3563  
Fax: 858.654.1788  
[cfaber@SempraUtilities.com](mailto:cfaber@SempraUtilities.com)

A.08-12-021  
REG 10-12

May 29, 2014

Ms. Denise Tyrell  
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) DE-ENERGIZATION  
REPORT**

Dear Ms. Tyrell:

In accordance with Ordering Paragraph (OP) 2 of Decision 12-04-024, SDG&E is submitting this report in response to the De-Energization Events which occurred in SDG&E's service territory on May 14, 2014. 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.

If you have any questions regarding this report, please contact Wendy Keilani at (858) 654-1185, or at [wkeilani@semprautilities.com](mailto:wkeilani@semprautilities.com).

Sincerely,

---

Clay Faber  
Director — Regulatory Affairs

## **SDG&E Report on de-energization of 12kV circuit 238 and portions of 12kV Circuits 79, 222, 358, and 1030 and 69kV Tie Line 626 on May 14, 2014**

The following report is submitted in response to the Power Events which occurred in SDG&E's service territory on May 14, 2014. SDG&E submits this report to the Director of Safety and Enforcement Division (SED) and includes the following information pursuant to Decision (D.)12-04-024.

The decisions to de-energize for public safety were taken at SDG&E's Emergency Operations Center (EOC), which at the time of the actions described in this report had been fully staffed (including by an officer) for a Red Flag Warning weather event. The SDG&E EOC is activated whenever a Red Flag Warning is declared by the National Weather Service so as to provide overall event coordination and ensure that an Officer-in-Charge receives operational updates, customer communications are initiated, regulatory and governmental notifications are completed, and logistical support is provided as needed. The EOC Red Flag Warning weather event staffing includes personnel from the electric operations group, the customer service group, the external affairs group, and selected responders from business support groups.

### **1. Explanation of SDG&E's decision to de-energize**

#### **Response:**

The SDG&E Emergency Operations Center was activated at 4:00 a.m. on Tuesday, May 13, 2014. This coincided with the period of strongest winds during the Red Flag Warning that was in effect since 6:00 am on Sunday, May 12, 2014. The Red Flag Warning, in combination with available data on fuel moisture content, relative humidity, 10-minute wind measurements, and an active fire within the service territory, indicated the threat of additional large and destructive wildfires should an ignition occur. SDG&E determined that conditions warranted de-energizing certain facilities which might otherwise provide a source of ignition of a fire should a system failure occur.

The decisions for SDG&E to de-energize 12-kV Circuit 238 and portions of Circuits 79, 222, 358 and 1030 on May 14 were made due to extremely high winds and associated fire danger given the extremely low humidity and dry fuel conditions at the time, among other factors. In each of these events, SDG&E carefully reviewed the situation and ultimately decided to de-energize to protect public safety and system reliability. The salient and material bases for these decisions included:

- Fire conditions were elevated throughout the SDG&E service territory, including high winds, low humidity and critically dry fuels;
- The Fire Potential Index<sup>1</sup> was elevated and indicated that large fires were possible should ignitions occur. One fire was already underway in the SDG&E service territory validating the potential for large fires should an ignition occur;

---

<sup>1</sup> The Fire Potential Index was created by SDG&E, and takes into consideration wind speed, relative humidity and fuel moisture content. See Attachment 6

## **SDG&E Report on de-energization of 12kV circuit 238 and portions of 12kV Circuits 79, 222, 358, and 1030 and 69kV Tie Line 626 on May 14, 2014**

- Recorded wind gusts in the area of the de-energized circuits were in the high 50s, 60s, and/or 70s for several consecutive reads with some gusting in excess of 80 MPH;
- Input from mobile field observers;
- Surrounding areas were forecast to and did see winds gusts in excess of 50 MPH;
- Fire-suppression-air resources thought to be unavailable due to high winds;
- Other fires in the area demonstrated the fire risk and were employing fire resources;
- The outages could be targeted so as to minimize impacts to customers; and
- A review of active outages on SDG&E's system.

**2. All factors considered by SDG&E in its decision to de-energize, including visual observations by pre-positioned and mobile field personnel, wind speed, temperature, humidity, vegetation moisture content in the vicinity of the de-energized circuits, existing system damage and one large fire underway.**

**Response:**

See attachments listed below for the factors considered for each of the five power-shutoff events (all of Circuit 238 and portions of Circuits 79, 222, 358 and 1030), elevated fire weather conditions including wind speed, temperature, humidity and vegetation moisture in the area in which the power was shutoff.

- Attachment 1: De-Energize Documentation 12kV Circuit 79
- Attachment 2: De-Energize Documentation 12kV Circuit 222
- Attachment 3: De-Energize Documentation 69kV Tie Line 626 and 12kV Circuit 238
- Attachment 4: De-Energize Documentation 12kV Circuit 358
- Attachment 5: De-Energize Documentation 12kV Circuit 1030
- Attachment 6: SDG&E's Fire Potential Index

**3. The time, place, and duration of the event.**

**Response:**

- a. De-energization on May 14, 2014:
- i. At 6:12 a.m., de-energized a portion of 12kV circuit 79, impacting 85 customers;
  - ii. At 6:25 a.m., de-energized 12kV Circuit 238 (as a result of de-energizing 69kV Tie Line 626), impacting 1 customer;
  - iii. At 7:52 a.m., de-energized a portion of 12kV Circuit 222, impacting 377 customers;

**SDG&E Report on de-energization of 12kV circuit 238 and portions of 12kV  
Circuits 79, 222, 358, and 1030 and 69kV Tie Line 626 on May 14, 2014**

- iv. At 8:48 a.m., de-energized a portion of 12kV Circuit 1030, impacting 479 customers; and,
  - v. At 8:53 a.m., de-energized a portion of circuit 358, impacting 250 customers.
- b. Power restorations on May 14, 2014:
- i. At 4:19 p.m., re-energized 12kV Circuit 358;
  - ii. At 4:45 p.m., re-energized 12kV Circuit 79, except for two customers;
  - iii. At 6:20 p.m., re-energized 12kV Circuit 222;
  - iv. At 7:13 p.m., re-energized 12kV Circuit 1030; and,
  - v. At 7:28 p.m., re-energized 12kV Circuit 238 (tie line 626).
- c. Power restorations on May 15, 2014:
- i. At 2:30 p.m., re-energized remaining two customers on Circuit 79.
- d. See attachments to item 2 for details on locations affected by the event.
- 4. The number of affected customers, broken down by residential, medical baseline, commercial/industrial, and other.**

**Response:**

The May 14th de-energization event affected customers as follows:

- a. Residential: 935 customers;
  - b. Medical Baseline: 66 customers;
  - c. Commercial and Industrial: 255 customers;
  - d. Other: 0;
  - e. Total: 1190 customers;
  - f. 66 of the customers affected were medical baseline customers; and,
  - g. 255 commercial customers were affected, one of which was a company use meter.
- 5. Describe any wind-related damage to SDG&E's overhead power-line facilities in the areas where power is shut off.**

**Response:**

The following damage was found and repaired on 12kV Circuit 79.

- A blown lightning arrestor was found and repaired on P203412.
- A broken crossarm was found and repaired on P873452.

- 6. Provide a description of the customer notice and any other mitigation provided by SDG&E.**

**SDG&E Report on de-energization of 12kV circuit 238 and portions of 12kV  
Circuits 79, 222, 358, and 1030 and 69kV Tie Line 626 on May 14, 2014**

**Response:**

- a. SDG&E made four separate contact attempts to customers affected by the Red Flag Warning and high wind event. Outreach was made via outbound dialer, email, mobile email/text messaging and personal phone calls.
- b. SDG&E conducted special outreach to 66 medical baseline customers who reside in areas where high winds were forecasted and were subject to the de-energization. If these customers could not be reached by phone, SDG&E representatives went door-to-door on May 13<sup>th</sup> and 14th to ensure they were notified of the weather and possible effects.
- c. The attachments listed below contain the text of the notices to each affected customer:
  - Attachment 7: Day Ahead Call 5/12;
  - Attachment 8: Day of Call-Overnight Outage Possible 5/13;
  - Attachment 9: Within The Hour 5/14; and,
  - Attachment 10: Imminent Shut Off Notice 5/14.

General customer communication was launched via SDG&E's website and social media. When the Red Flag Warning went into effect, a "banner" was posted on the sdge.com homepage. The banner included a link to our weather outage page where wind speeds and outages could be monitored by circuit. The banner link was active and readily accessible until the Red Flag Warning expired. Demand Response program notifications were also posted to the home page as needed. For social media, our Facebook (FB) and Twitter channels were used after the Red Flag Warning was issued. The FB posts and tweets sent varied from providing weather conditions, number of customers affected by outages, and safety tips. In many messages, a link back to the SDG&E website was included so people could get the most up-to-date wind and outage information.

**7. 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:**

SDG&E's response was targeted to specific circuits that were experiencing conditions that threatened public safety. All customers affected by the event received prior warning. Rapidly moving and expanding fires were being experienced in San Diego County, demonstrating the high fire risks existing in the SDG&E service area. Fire-protection resources were deployed. Concern about availability of fire-suppression-air resources due to high winds.

## 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 29<sup>th</sup> day of May, 2014, at San Diego, California.

A handwritten signature in black ink, appearing to read "David L. Geier", is written over a horizontal line.

David L. Geier  
Vice President, Electric Operations  
SAN DIEGO GAS & ELECTRIC COMPANY

8330 Century Park Court  
San Diego, CA 92123

**SDG&E Report on De-Energization of 12kV Circuit 238 and Portions of  
12kV Circuits 79, 222, 358, and 1030 and 69kV Tie Line 626 on May 14, 2014**

**Attachment 1**

**De-Energize Documentation 12-kV Circuit 79**

R.18-10-007 WMP OIR  
TURN-SDG&E DR 01 Q6 Attachment  
De-Energization Documentation

**Date and Time:** May 14, 2014/0612

**12kV Circuit 79** Sectionalizing Device 79-673R De-energized at 0612 hrs - 85 customers affected.

**Communities Affected:** Boulder Creek and Descanso

**Anemometer:** Sill Hill

**Fire Potential Index:** Elevated 14

**Wind Speeds:** The Sill Hill anemometer recorded 63 consecutive observations with wind gusts at or above 70 MPH beginning at 0200 and ending at 1030. A peak gust of 86 mph occurred at 0810. Wind gusts continued to fluctuate between 56-72 mph until 1410.

**Humidity:** The relative humidity fluctuated between 7-11%

**LFM:** 98%

**Area fuels** – Grasses are fully cured and dead fuels are very dry. Live fuel moistures are past their seasonal peak values and decreasing rapidly. Very strong winds and single digit humidities are accelerating the drying process and resulting in a critical burn environment.

**Observer report**

**Debris:**

Have you observed any debris being carried by the wind? ☒ No ☐ Yes - if so, where

**Vegetation:**

Have you observed any damage or significant impacts to the vegetation? ☒ No ☐ Yes - if so, where

**System:**

Have you observed significant conductor/system movement? ☒ No ☐ Yes if so, where

**Active fires?** ☐ No ☒ Yes - If so, where: Rancho Bernardo – 850 acres/5% contained

**Active Outages?** ☐ No ☒ Yes if so, where: 2 outages due to car contact affecting 7 customers. No weather related outages

**Air resources available:** ☐ No ☒ Yes, but limited due to high winds

**Comments: Other considerations:**

All Customers served by 12kV IR 79-673R were notified via outbound dialer with field follow-ups for 5 Medical baseline customers yesterday indicating outage overnight possible.

Second notification to all affected customers made prior to reactively de-energizing line in response to imminent fire risk.

Active large fire is indication of increased risk of rapid fire growth

**Contributors:** Ken Fussell



**SDG&E Report on De-Energization of 12kV Circuit 238 and Portions of  
12kV Circuits 79, 222, 358, and 1030 and 69kV Tie Line 626 on May 14, 2014**

**Attachment 2**

**De-Energize Documentation 12-kV Circuit 222**

## De-Energization Documentation

**Date and Time:** May 14, 2014/0752

**12kV Circuit 222** Sectionalizing Device 222-1370R De-energized at 0752 hrs - 377 customers affected.

**Communities Affected:** Santa Ysabel and East Ramona

**Anemometer:** Witch Creek, Dye Mountain, and West Santa Ysabel

**Fire Potential Index:** Elevated 14

**Wind Speeds:** Winds were gusting 50-63 mph between Witch Creek and Santa Ysabel from 0220 until 1100. Periodic wind gusts in excess of 50 mph continue from 1100 until 1400. Peak gusts were 59 mph at Witch Creek, 63 mph at West Santa Ysabel, and 63 mph at Dye Mountain.

**Humidity:** The relative humidity ranged from 4-10%

**LFM:** 98%

**Area fuels** – Grasses are fully cured and dead fuels are very dry. Live fuel moistures are past their seasonal peak values and decreasing rapidly. Very strong winds and single digit humidities are accelerating the drying process and resulting in a critical burn environment.

### Observer report

#### Debris:

Have you observed any debris being carried by the wind? ☐ No ☒ Yes - if so, where:

Leaves and grass blowing across field and roads

#### Vegetation:

Have you observed any damage or significant impacts to the vegetation? ☐ No ☒ Yes - if so, where: Tree branch broken in the area

#### System:

Have you observed significant conductor/system movement? ☐ No ☒ Yes  
if so, where: 12 kV wires swaying. Constant wind with intermittent gusts

**Active fires?** ☐ No ☒ Yes - If so, where: Rancho Bernardo – 850 acres/5% contained

**Active Outages?** ☐ No ☒ Yes if so, where: 2 outages due to car contact affecting 7 customers. No weather related outages

**Air resources available:** ☐ No ☒ Yes, but limited due to high winds

### Comments: Other considerations:

All Customers served by 12kV IR 222-1370R were notified via outbound dialer yesterday indicating outage overnight possible.

Second notification made to 377 customers including seven medical base line customers to notify of imminent shut off.

Wind gusts above design criteria plus observer report with “yes” responses to observed hazards led to reactive shutoff for safety

Active large fire is indication of increased risk of rapid fire growth

**Contributors:** Ken Fussell

**SDG&E Report on De-Energization of 12kV Circuit 238 and Portions of  
12kV Circuits 79, 222, 358, and 1030 and 69kV Tie Line 626 on May 14, 2014**

**Attachment 3**

**De-Energize Documentation 69-kV Tie Line 626 and 12-kV Circuit 238**

## De-energization Documentation

**Date and Time:** May 14, 2014/ 0625 hrs

**Circuit 69kV Tie Line 626 and 12kV circuit 238 - De-energized at 0625 hrs – 1 customer (2 meters)**

**Communities Affected:** Boulder Creek

**Anemometer:** Sill Hill

**Fire Potential Index:** Elevated 14

**Wind Speeds:** The Sill Hill anemometer recorded 63 consecutive observations with wind gusts at or above 70 MPH beginning at 0200 and ending at 1030. A peak gust of 86 mph occurred at 0810. Wind gusts continued to fluctuate between 56-72 mph until 1410.

**Humidity:** The relative humidity fluctuated between 7-11%

**LFM:** 98%

**Area fuels** – Grasses are fully cured and dead fuels are very dry. Live fuel moistures are past their seasonal peak values and decreasing rapidly. Very strong winds and single digit humidities are accelerating the drying process and resulting in a critical burn environment.

### Observer report

**Debris:**

Have you observed any debris being carried by the wind? ☒ No ☐ Yes - if so, where

**Vegetation:**

Have you observed any damage or significant impacts to the vegetation? ☒ No ☐ Yes - if so, where

**System:**

Have you observed significant conductor/system movement? ☒ No ☐ Yes if so, where

**Active fires?** ☐ No ☒ Yes - If so, where: Rancho Bernardo – 850 acres/5% contained

**Active Outages?** ☐ No ☒ Yes if so, where: 2 outages due to car contact affecting 7 customers. No weather related outages

**Air resources available:** ☐ No ☒ Yes, but limited due to high winds

### Comments: Other considerations:

The customer on 12kV circuit 238 was notified via outbound dialer yesterday indicating outage overnight possible.

Second notification was made prior to reactively de-energizing line in response imminent fire risk.

It was reported the customer on 12kV circuit 238 has a generator

Active large fire is indication of increased risk of rapid fire growth

**Contributors:** Ken Fussell

**SDG&E Report on De-Energization of 12kV Circuit 238 and Portions of  
12kV Circuits 79, 222, 358, and 1030 and 69kV Tie Line 626 on May 14, 2014**

**Attachment 4**

**De-Energize Documentation 12-kV Circuit 358**

## De-energization Documentation

**Date and Time:** May 14, 2014/0853

**12kV Circuit 358** Sectionalizing Device 358-33AE De-energized at 8:53 hrs - 250 customers affected.

**Communities Affected:** Alpine and Viejas

**Anemometer:** East Willows Rd

**Fire Potential Index:** Elevated 14

**Wind Speeds:** Winds were gusting 56-69 mph from 0630 until 1050. The strongest winds occurred between 0750 and 0950 when gusts remained at or above 61 mph, including a peak gust of 69 mph. Periodic wind gusts in excess of 50 mph continued until 1330.

**Humidity:** The relative humidity fluctuated between 6-10%

**LFM:** 98%

**Area fuels** – Grasses are fully cured and dead fuels are very dry. Live fuel moistures are past their seasonal peak values and decreasing rapidly. Very strong winds and single digit humidities are accelerating the drying process and resulting in a critical burn environment.

### Observer report

#### Debris:

Have you observed any debris being carried by the wind? ☐ No ☒ Yes - if so, where:

Small debris flying

#### Vegetation:

Have you observed any damage or significant impacts to the vegetation? ☒ No ☐ Yes - if so, where:

#### System:

Have you observed significant conductor/system movement? ☐ No ☒ Yes  
if so, where: Small-sized conductor with significant movement

**Active fires?** ☐ No ☒ Yes - If so, where: Rancho Bernardo – 850 acres/5% contained

**Active Outages?** ☐ No ☒ Yes if so, where: 3 suspected weather-related outages affecting 4,920 customers and 2 outages due to car contact affecting 7 customers.

**Air resources available:** ☐ No ☒ Yes, but limited due to high winds

### Comments: Other considerations:

All Customers served by 12kV IR 358-33AE were notified via outbound dialer yesterday indicating outage overnight possible.

Second notification made to 250 customers including 32 medical base line customers in response to imminent fire risk.

Active large fire is indication of increased risk of rapid fire growth

Concern about fire ignition risk with weather damages increasing

**Contributors:** Ken Fussell

**SDG&E Report on De-Energization of 12kV Circuit 238 and Portions of  
12kV Circuits 79, 222, 358, and 1030 and 69kV Tie Line 626 on May 14, 2014**

**Attachment 5**

**De-Energize Documentation 12-kV Circuit 1030**

## De-energization Documentation

**Date and Time:** May 14, 2014/0848

**12kV Circuit 1030** Sectionalizing Device 1030-18R De-energized at 0848 hrs - 479 customers affected.

**Communities Affected:** Lake Wohlford and Valley Center

**Anemometer:** Hellhole Canyon

**Fire Potential Index:** Elevated 14

**Wind Speeds:** Winds were gusting 58-75 mph from 0750 until 1110, including 18 reads at or above 60 mph. Periodic wind gusts in excess of 50 mph continued until 1250.

**Humidity:** The relative humidity fluctuated between 5-8%

**LFM:** 98%

**Area fuels** – Grasses are fully cured and dead fuels are very dry. Live fuel moistures are past their seasonal peak values and decreasing rapidly. Very strong winds and single digit humidities are accelerating the drying process and resulting in a critical burn environment.

### Observer report

#### Debris:

Have you observed any debris being carried by the wind? ☒ No ☐ Yes - if so, where:

#### Vegetation:

Have you observed any damage or significant impacts to the vegetation? ☒ No ☐ Yes - if so, where:

#### System:

Have you observed significant conductor/system movement? ☒ No ☐ Yes  
if so, where:

**Active fires?** ☐ No ☒ Yes - 2 fires If so, where: Rancho Bernardo – 850 acres/5% contained and Lawson Valley (No particulars at this time)

**Active Outages?** ☐ No ☒ Yes if so, where: One weather-related outage affecting 406 customers and 2 outages due to car contact affecting 7 customers.

**Air resources available:** ☐ No ☒ Yes, but limited due to high winds

### Comments: Other considerations:

All Customers served by 1030-18R were notified via outbound dialer yesterday indicating outage overnight possible.

Second notification made to 479 customers including 27 medical base line customers with field follow-up for 5 customers. Calls made prior to imminent shut off.

Active large fire is indication of increased risk of rapid fire growth

**Contributors:** Ken Fussell



**SDG&E Report on De-Energization of 12kV Circuit 238 and Portions of  
12kV Circuits 79, 222, 358, and 1030 and 69kV Tie Line 626 on May 14, 2014**

**Attachment 6**

**SDG&E's Fire Potential Index**

## THE FIRE POTENTIAL INDEX

SDG&E has developed a comprehensive assessment, known as the “Fire Potential Index”, which is used as a tool for making operational decisions which would reduce fire threats and risks. This tool converts environmental, statistical and scientific data into an easily understood forecast of the short-term fire threat which could exist for different geographical areas in the SDG&E service territory. The Index is generated for a seven-day forecast period and provides SDG&E personnel and threatened communities time during which they may plan and prepare accordingly.

The FPI is calculated as follows:

$$FPI = WX + \frac{DL}{LFM} + G$$

where WX represents the weather component (rated 0-6), DL represents the GACC's Dryness Level, LFM represents the Live Fuel Moisture of Chamise, and G represents the greenness of the grasses (rated 0-5) as determined by satellite-derived Normalized Difference Vegetation Index (NDVI).

The weather component of the Fire Potential Index represents a combination of sustained wind speeds and dewpoint depression as determined using the following scale:

**FPI Weather Component (WX)**

Dewpoint/Wind	>5 knots	5 to 9	10 to 15	16 to 19	20 to 24	>24 knots
≥50°F	2	3	3	4	5	6
40°F to 49°F	2	2	3	3	4	5
30°F to 39°F	1	2	2	3	3	4
20°F to 29°F	1	1	2	2	3	3
10°F to 19°F	0	0	1	1	1	1
≤9°F	0	0	0	0	0	0

The Fuels Moisture Component of the Fire Potential Index measures the overall state of potential fuels which could support a wildfire. Values are assigned based on the overall state of available fuels (dead or live) for a fire using the following equation:

$$FMC = \frac{DL}{LFM}$$

Where **FMC** represents “Fuels Moisture Component” in the scale below; and **DL** represents the GACC’s Dryness Level; and **LFM** represents Live Fuel Moisture (percentage).

The product of this equation represents the fuels moisture component that is reflected in the Fire Potential Index as follows:

### FPI Fuels Moisture Component (FMC)

Very Wet					Very Dry
1	2	3	4	5	6

The state of native grasses, or “Green-Up Component”, of the Fire Potential Index is determined using satellite-derived Normalized Difference Vegetation Index (NDVI)<sup>1</sup> for various locations. This component is rated on a 0-to-5 scale ranging from very wet (or “lush”) to very dry (or “cured”). The scale is tied to the NDVI, which ranges from 0 to 1,<sup>1</sup> as follows:

### FPI Green-Up Component (G)

Very Wet/Lush: ≥ 0.65	0.60 – 0.64	0.55 – 0.59	0.50 – 0.54	0.40 – 0.49	Very Dry/Cured ≤ 0.39
0	1	2	3	4	5

<sup>1</sup> The Normalized Difference Vegetation Index (“NDVI”) is a simple graphical indicator that can be used to analyze remote sensing measurements, typically but not necessarily from a space platform, to assess whether the target area under observation contains live green vegetation or not. More information on the NDVI scale is available at the following address:

[http://en.wikipedia.org/wiki/Normalized\\_Difference\\_Vegetation\\_Index](http://en.wikipedia.org/wiki/Normalized_Difference_Vegetation_Index), <http://gacc.nifc.gov/oscc/>.

The individual numeric values representing the three variables reflected in the Fire Potential Index, shown above, are combined and placed on the following scale:

### **Fire Potential Index**

<b>Normal</b>	<b>Elevated</b>	<b>Extreme</b>
<b>1 to 11</b>	<b>12 to 14</b>	<b>15 to 17</b>

**SDG&E Report on De-Energization of 12kV Circuit 238 and Portions of  
12kV Circuits 79, 222, 358, and 1030 and 69kV Tie Line 626 on May 14, 2014**

**Attachment 7**

**Day Ahead Call 5/12**

Message Delivered 5-12-2014 - Day Ahead Call

Voice recording

This is SDG&E with an important message. The National Weather Service has indicated they're going to declare a Red Flag Warning for tomorrow. High winds associated with Red Flag Warnings could cause outages or require SDG&E to turn off power for public safety. If outages do occur, the power will stay off until it can be restored safely. Please be prepared to activate your personal emergency plan. For more information, visit [sdge.com](http://sdge.com) or call SDG&E at 1-800-411-7343.

Email

Subject Line: Important from SDG&E; Red Flag Warning could cause outages

The National Weather Service has indicated they will declare a Red Flag Warning for tomorrow. High winds are possible, and could cause outages or require SDG&E to turn off power for public safety. If outages do occur, the power will stay off until it can be restored safely. Please be prepared to activate your personal emergency plan. For more information, visit [sdge.com](http://sdge.com) or call SDG&E at 1-800-411-7343.

Mobile Email

Important message from SDG&E. Red Flag Warning to be declared tomorrow. High winds/power outages possible. Have your emergency plan ready. Call 18004117343.

**SDG&E Report on De-Energization of 12kV Circuit 238 and Portions of  
12kV Circuits 79, 222, 358, and 1030 and 69kV Tie Line 626 on May 14, 2014**

**Attachment 8**

**Day of Call-Overnight Outage Possible 5/13**

Message Delivered May 13th 2014

Voice Recording

This is SDG&E calling with an important message. The National Weather Service has declared a Red Flag Warning. The extremely strong winds expected in your area in the late evening or overnight could likely cause outages or require us to turn off power for public safety. If this is necessary, the power will remain off for as long as it takes our crews to assess any damage to the electrical system and determine when power can be turned on safely. It won't be turned back on until it's safe. Please be prepared to activate your personal emergency plan. For more information, visit [sdge.com](http://sdge.com) or call SDG&E at 1-800-411-7343.

Email

Subject Line: Important from SDG&E. Red Flag Warning could cause outages.

The National Weather Service has declared a Red Flag Warning. Forecasted high winds expected in the late evening or overnight could likely cause outages or require us to turn off power for public safety. If outages do occur, the power will stay off until our crews can assess any damage to the electrical system and determine when power can be restored. It won't be turned back on until it's safe. Please be prepared to activate your personal emergency plan. For more information, visit [sdge.com](http://sdge.com) or call 1-800-411-7343.

Mobile Email

Important Message from SDG&E. Red Flag Warning. Outages possible or SDG&E may turn off power for public safety. Have emergency plan ready. Call 18004117343



**SDG&E Report on De-Energization of 12kV Circuit 238 and Portions of  
12kV Circuits 79, 222, 358, and 1030 and 69kV Tie Line 626 on May 14, 2014**

**Attachment 9**

**Within the Hour Call 5-14-2014**

Message Delivered May 14<sup>th</sup> 2014 – Within The Hour

Voice Recording

This is SDG&E calling with an important message. The extremely strong winds expected in your area within the next two hours could likely cause outages or require SDG&E to turn off the power for public safety. If this is necessary, the power will remain off for as long as it takes our crews to assess any damage to the electrical system and determine when power can be turned on safely. It won't be turned back on until it's safe. Please be prepared to activate our personal emergency plan. For more information, visit [sdge.com](http://sdge.com) or call SDG&E at 1-800-411-7343.

Email

Important from SDG&E. High winds could cause outage

Forecasted high winds expected in your area within the next two hours could likely cause outages or require SDG&E to turn off the power for public safety. If outages do occur the power will remain off for as long as it takes our crews to assess any damage to the electrical system and determine when power can be restored. It won't be turned back on until it's safe. Please be prepared to activate our personal emergency plan. For more information, visit [sdge.com](http://sdge.com) or call SDG&E at 1-800-411-7343.

Mobile Email

Important message from SDG&E. Strong winds/outages possible or SDG&E may turn off power for public safety. Have your emergency plan ready. Call 18004117343

**SDG&E Report on De-Energization of 12kV Circuit 238 and Portions of  
12kV Circuits 79, 222, 358, and 1030 and 69kV Tie Line 626 on May 14, 2014**

**Attachment 10**

**Imminent Call 5-14-2014**

Message Delivered May 14<sup>th</sup> – Imminent Shut Off Notice

Voice Recording

This is SDG&E calling with an emergency message. Due to current conditions affecting our overhead electrical system, we expect we will have to turn off the power in your area soon for public safety. Power will be off for as long as these conditions last and will not be turned back on until it is safe. Please be prepared to activate your personal emergency plan. For more information, visit [sdge.com](http://sdge.com) or call SDG&E at 1-800-411-7343.

Email

Because of current conditions affecting our overhead electrical system, we expect we will have to turn off the power in your area soon for public safety. Power will be off for as long as these conditions last and will not be turned back on until it is safe. Please be prepared to activate your personal emergency plan. For more information, visit [sdge.com](http://sdge.com) or call SDG&E at 1-800-411-7343.

Mobile Email

Urgent message from SDG&E. Power will be turned off soon for public safety and restored when safe. Activate your emergency plan. Info call 1-800-411-7343.