



Liberty
933 Eloise Avenue
South Lake Tahoe, CA 96150
Tel: 800-782-2506
Fax: 530-544-4811

October 1, 2021

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

Re: PSPS Post-Event Report for Potential PSPS Event on September 19, 2021

Dear Director Palmer:

Liberty Utilities (CalPeco Electric) LLC (“Liberty”) respectfully submits the attached report in compliance with PSPS Post-Event Reporting requirements regarding its notification of a potential proactive de-energization event that would have begun on September 19, 2021. This report has been verified by an officer of Liberty in accordance with Rule 1.11 of the Commission’s Rules of Practice and Procedure.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jordan Parrillo'.

Jordan Parrillo
Manager, Regulatory Affairs

cc: ESRB_ComplianceFilings@cpuc.ca.gov
Anthony Noll (Anthony.Noll@cpuc.ca.gov)
Service List R.18-10-007
Service List R.18-12-005



**Liberty Utilities (CalPeco Electric) LLC
Public Safety Power Shutoff (PSPS) Post-Event Reporting in
Compliance with Resolution ESRB-8 and PSPS OIR Phase 1, 2 & 3
Requirements for Potential September 19, 2021 Event**

**Submitted to:
California Public Utilities Commission
Director of the Safety and Enforcement Division
October 1, 2021**

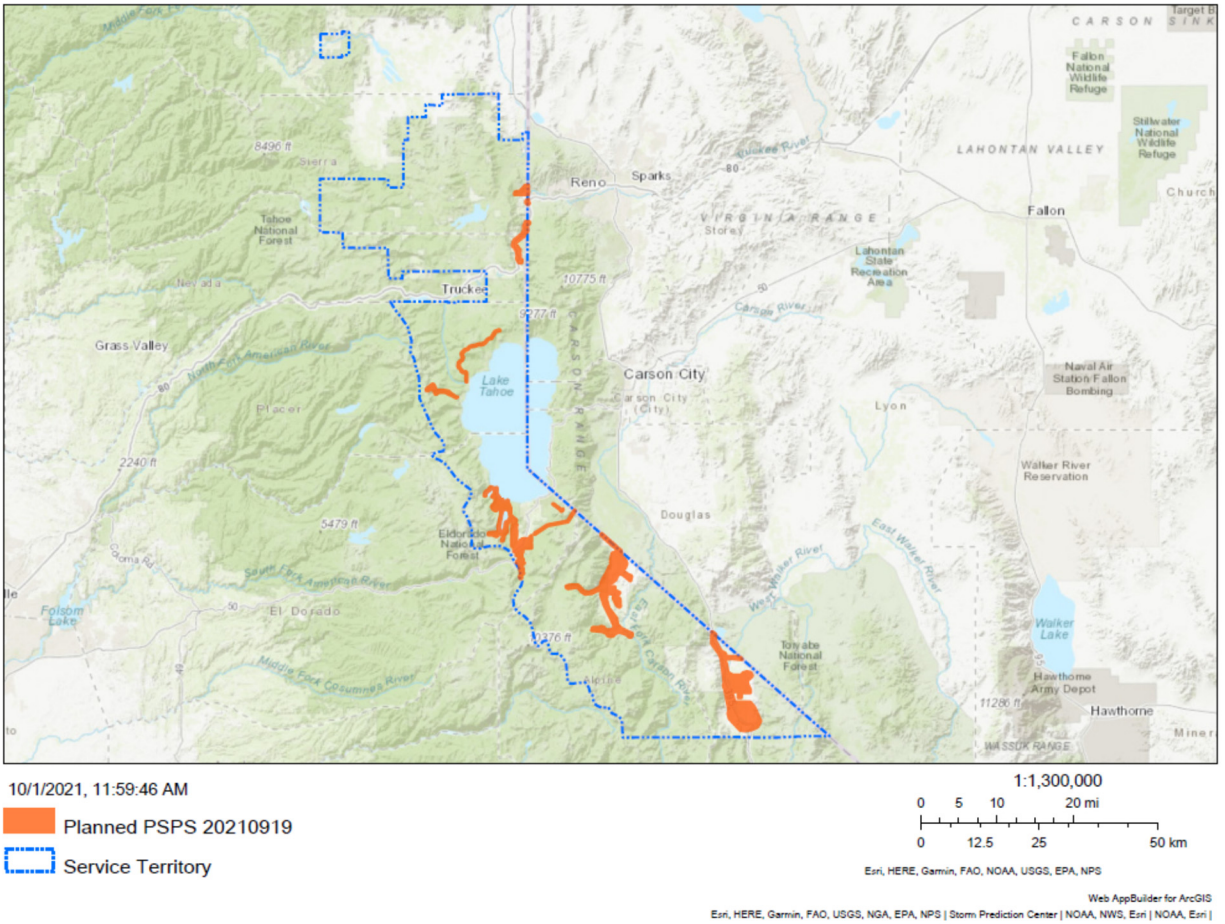
1 Executive Summary

On September 16, 2021, at 7:30 a.m., Liberty Utilities (CalPeco Electric) LLC (“Liberty”) assembled its Emergency Operations Center (EOC) to begin coordinating response operations associated with an elevated weather event with the potential for employment of Liberty’s Public Safety Power Shutoff (“PSPS”) protocol. Potentially affected customers numbered 6,036 in six counties in Liberty’s service territory including, Nevada, Placer, El Dorado, Alpine, Mono, and Sierra counties. The map below depicts the areas that Liberty was considering de-energizing during the potential PSPS event on September 19, 2021. Liberty notified public safety partners, critical infrastructure providers, other priority-notification customers including medical baseline customers, and potentially impacted customers of the potential event. Proactive de-energization was ultimately not required.

Liberty will only implement a PSPS as a measure of last resort. When forecasted weather conditions raise concern for the potential of a PSPS, EOC considers the available information. In addition to considering the input from Liberty’s fire science consultant, Reax, which monitors available weather data, Liberty mobilizes on-the-ground resources to patrol and assess local conditions. These circuit crews provide input based on real-time risk assessments in the field. In addition to real-time weather conditions, the EOC reviewed and considered local system conditions, input from public safety partners, alternatives to de-energization, and mitigation options. After considering these factors, the EOC determined not to implement a PSPS.

Liberty submits the following report to the California Public Utilities Commission’s Director of the Safety and Enforcement Division pursuant to Resolution ESRB-8 and Decision (D.) 19-05-042. In separate sections of this report, Liberty sets forth the reasons for its decision to begin notification of the potential for de-energization, including the day-by-day background for the potential event, and responds to the questions required in post-event reporting.

Figure 1-1: Map of Potentially De-energized Area, September 19, 2021 Potential PSPS Event
Planned PSPS 20210919



2 Decision-Making Process

PSPS is the strategy of last resort. In keeping safety as its top priority, however, Liberty may have to implement a PSPS to guard against a wildfire originating at electrical facilities. The following section describes Liberty’s decision-making process leading up to a potential decision to de-energize portions of Liberty’s service territory on September 19, 2021, including factors and alternatives considered, mitigation measures taken, and why the decision to de-energize was ultimately not necessary.

2.1 Fuel Conditions

Fuel moisture sampling conducted by Liberty around the Lake Tahoe Basin on September 13, 2021 indicated that live fuel moistures were close to seasonal lows. Measured live fuel moisture values, shown in Table 2-1, were critical to near critical at all sites.

Table 2-1. Live fuel moistures around Lake Tahoe basin on September 13, 2021.

Site	Species	Live Fuel Moisture (%)
Burton Creek	Huckleberry Oak	97
Ward Creek	Manzanita	91
Meyers	Sagebrush	70
Kingsbury	Chinquapin	79
Jacks Valley	Sagebrush	66
Spooner	Ribes	81
Mill Creek	Manzanita	75
Verdi	Sagebrush	101
Mt. Rose	Tobacco Brush	91
Topaz	Sagebrush	67

On September 18, 2021, Energy Release Component (ERC) percentiles for the subject PSPS zones from the US Forest Service (USFS) Wildland Fire Assessment System (WFAS) were generally above 90th percentile. These ERC percentiles are shown in Table 2-2. Collectively, live fuel moisture sampling and ERC percentiles highlighted the potential for rapidly spreading fires to occur during periods of high wind and low humidity.

Table 1-2. ERC percentiles for PSPS zones considered for de-energization.

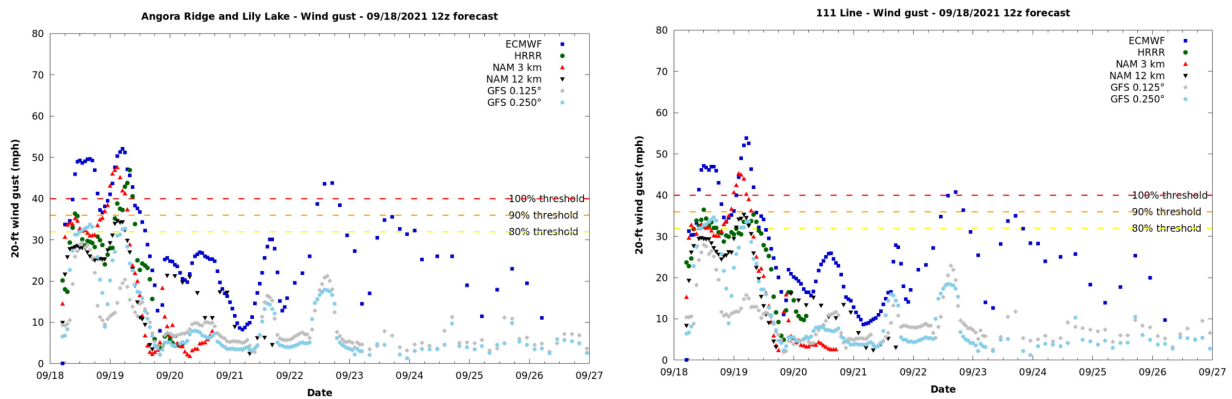
PSPS Zone	ERC percentile
Topaz	99.8
Sorensons Tap	98.1
Mul 1296 R4	94.8
Mul1296 R3	96.3
Mey 3300 R1	92.2
Tier 3	91.4
111 Line	91.2
Heavenly Lateral	86.3
Mey 3300 R3	93.5
Mey 3400 Angora Creek	90.3
Angora Ridge and Lily Lake	83.3
Cathedral, Spring Creek, Emerald Bay	86.4
Ward Canyon West	96.0
Floriston	88.8

2.2 Wind and Weather Conditions

NWS Reno issued a Fire Weather Watch (FWW) on Wednesday, September 15, 2021 to be in effect Saturday, September 18, 2021 and Sunday, September 19, 2021 during the afternoons through evenings. This FWW was upgraded to a Red Flag Warning (RFW) at 11:35 a.m. on Friday, September 17, 2021 to be in effect from 1 p.m. to 8 p.m. on Saturday, September 18, 2021.

Although NWS Reno’s RFW expired Saturday, September 18, 2021 at 8 p.m., forecast models were predicting that the highest winds would occur late Saturday, September 18, 2021 into early Sunday, September 19, 2021. As an example, Figure 2-1 below shows forecasted wind gust speeds for the 111 Line and Angora Ridge / Lily Lake PSPS zones from 12z forecasts on September 18, 2021. Three operational forecast models (HRRR, NAM, and ECMWF) were showing wind gusts approaching 50 mph in multiple zones, providing increased confidence that forecasted high winds would occur.

Figure 2-1. Forecasted wind gust speeds for 111 Line and Angora Ridge / Lily Lake PSPS zones from 2021-09-18 12z forecasts.



Although forecast models were showing an increase in relative humidity and chances for light precipitation as wind speeds increased late September 18, 2021 into early September 19, 2021, there was considerable uncertainty around when, and how much, humidity would rise and whether wetting precipitation would occur. For that reason, weather station observations were monitored in real time on September 18, 2021 and September 19, 2021 so that zones could be de-energized if justified by observed weather conditions or trends. As an example, Figure 2-2 compares the timing of wind gust and relative humidity observations at a station in one of the subject PSPS zones against forecast data.

Figure 2-2. Comparison between Forecasted and Observed a) Wind Gust Speed and b) Relative Humidity

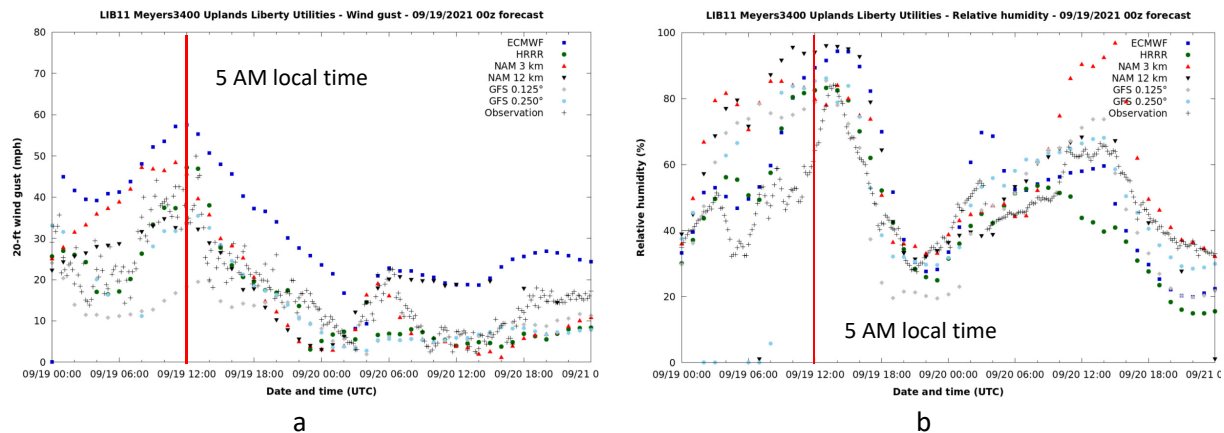


Figure 2-2 shows that relative humidity began to rise in the early morning hours of September 18, 2021. At this particular station, relative humidity was close to 60 percent around the time that peak wind gusts were observed – approximately 5 a.m. local time (12:00 UTC). Although wind gusts briefly exceeded 40 mph, this occurred when humidity was elevated, and consequently ignition risk was reduced.

2.3 Description of alternatives considered including sectionalizing, patrols, and other mitigation

Liberty takes PSPS events seriously and plans to use this tool as a last resort to protect its customers from catastrophic wildfire. To minimize the use of a PSPS, the following alternatives were deployed:

2.3.1 Exposure Reduction:

The transmission network that feeds the north and south Tahoe areas is configured in a loop. This means one portion of the loop can be de-energized without impacting customers because the energy automatically flows around the other side of the loop. During high wind events and times of high fire threat, Liberty will de-energize lines such as the 625 line (between Kings Beach and Tahoe City) and the 111 Line that traverses the Carson Range from Meyers into the Carson Valley. This eliminates many miles of exposure in high wind areas without directly impacting customers. The tradeoff from reducing this exposure is that a long/large outage may occur if the other side of the loop experienced an issue during the wind event.

2.3.2 Sectionalizing:

Due to a system improvement project on the 7300 circuit on west shore, several hundred customers were being fed in an abnormal configuration while the work was ongoing. This switching placed these customers in a possible PSPS zone. Therefore, Liberty performed switching to return the customers to a normal configuration, which removed them from the possible PSPS zone.

2.3.3 Patrols:

Leading up to the potential September 19, 2021 event, Liberty deployed resources to patrol the lines in the areas of concern for PSPS. No issues were found. This patrolling provided an additional level of protection for its customers and the general public.

2.3.4 Fast Trips:

In addition to patrolling, Liberty modified its protection schemes in areas of concern to enable “fast trips” to provide a “max defense” scenario that minimizes the amount of time an arc would be present if a fault were to occur from flying debris or a tree strike. The tradeoff from utilizing this is the possibility of miscoordination resulting in bigger/longer outages if a fault were to occur on a distribution line.

2.3.5 Realtime weather vs. Forecast:

Along with ERC, Liberty utilizes wind gusts and the Fosberg Fire Weather Index to make decisions regarding the need for a PSPS. These two data points are very useful for determining the general probability of extreme fire conditions. However, they are based on the latest model runs of the forecast. Therefore, during the days before the potential September 19, 2021 event, utilizing its network of weather stations (and existing stations), Liberty monitored the actual real-time weather conditions and based its PSPS decision on this dataset, and consideration of the potential of the forecasted values.

2.3.6 Field Observations:

In addition to real-time monitoring of weather station data, Liberty deployed resources to all areas of concern for PSPS to conduct field observations. The crews were instructed to de-energize the lines if

they saw flying debris capable of striking the energized line, galloping conductors capable of a phase-to-phase fault, or other imminent threats that could cause an ignition. PSPS in these zones would not be executed if the field observations were not aligned with forecasted conditions.

2.3.7 Micro-grids:

One of the most effective ways to eliminate line exposure during possible PSPS events is to de-energize lines for the entire fire season. Utilizing the Sagehen Microgrid project on the UC Berkeley campus north of Truckee, CA, Liberty was able to power down the four miles of distribution line that normally feeds the campus. This resulted in no interruption to customers.

2.4 Establish why the de-energization was a necessary, last resort mitigation measure

The factors and inputs described in the sections above, including forecasted weather inputs, real-time monitoring, and field verification, confirmed that de-energizing was not a necessary, last-resort mitigation measure for the potential PSPS event on September 19, 2021.

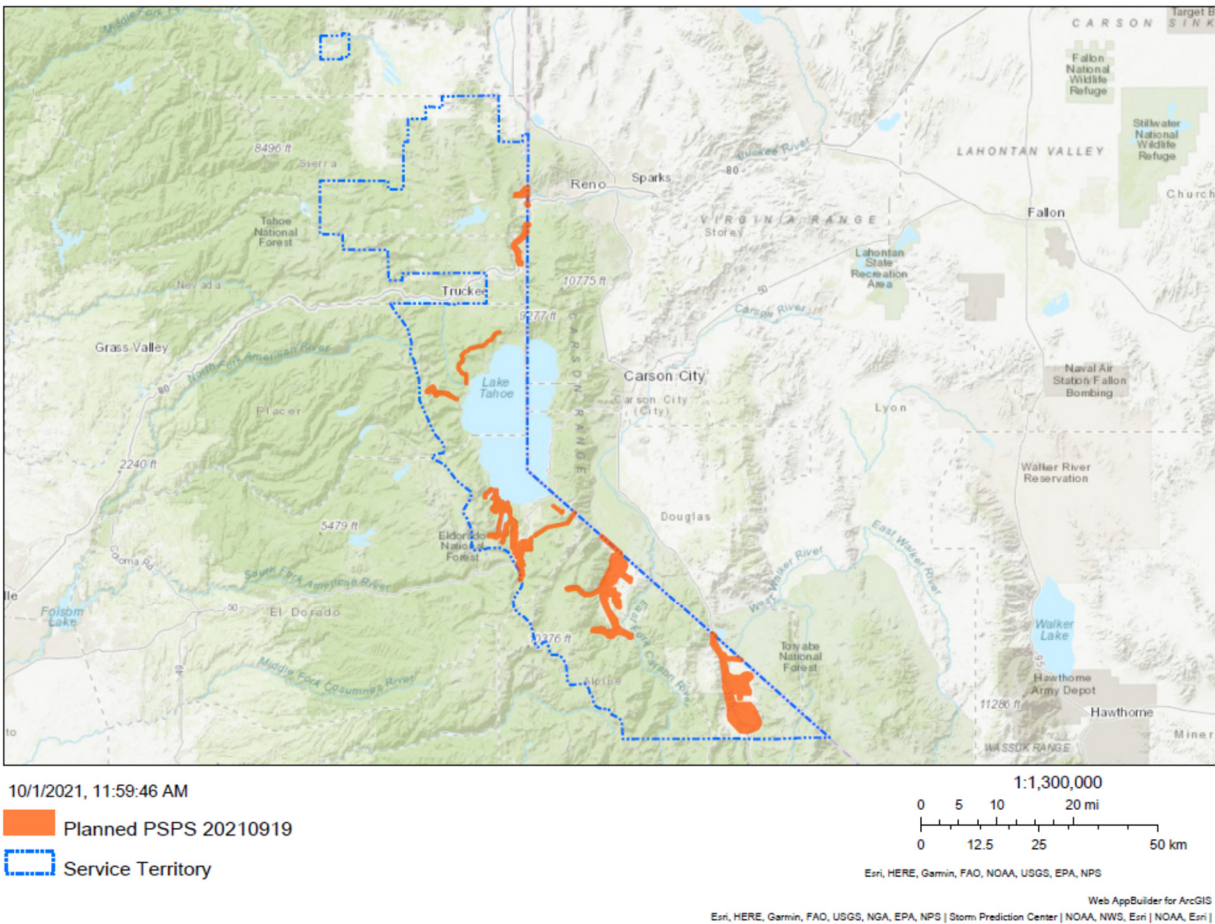
3 Description of the Event

The potential PSPS event on September 19, 2021 was initially forecasted to begin on September 19, 2021 at 1:00 a.m. and end on September 19, 2021 at 4:00 p.m. Potentially affected customers numbered 6,036, including 44 medical baseline (MBL) customers in six counties in Liberty’s service territory, including, Nevada, Placer, El Dorado, Alpine, Mono, and Sierra counties.

3.1 De-Energization Event Summary

Figure 3-1 shows the location of the potential PSPS event for September 19, 2021.

Figure 3-1: Map of Potentially De-energized Area, September 19, 2021 Potential PSPS Event
Planned PSPS 20210919



3.2 Potential Customer Impact

Table 3-1 lists down the potential customer impact at the circuit level for the potential PSPS event experienced on September 19, 2021. Ultimately, no customers were impacted because there was no de-energization.

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Table 3-1: Potential Customer Impact by Circuit of Potential PSPS Event on September 19, 2021

Circuit	Number of Customers Potentially Impacted
CAL2501(CAL204)	87
WSH201	51
SQV7201	1
TAH7100	99
STL3101	1
MEY3300	3518
MEY3400	944
MUL1296	585
TPZ1261	750
Total	6036

4 Damage and Hazards to Overhead Facilities

No damage or hazards were observed for the potential de-energization event on September 19, 2021.

5 Notifications

Advanced notifications are a key component of Liberty's PSPS protocols in alignment with state-specific regulations. These notifications are customized to various recipients, which include public safety partners, state agencies, tribal communities, regulatory agencies, customers, medical baseline customers, and the general public. The following section describes the notifications, including content and timing, made during the potential de-energization event on September 19, 2021, consistent with regulatory requirements and Liberty's PSPS protocols.

5.1 A description of all notices made, including notification to regulators, government agencies, public safety partners, local/tribal governments, and all customers. (ESRB-8)

5.1.1 California Public Utilities Commission

The California Public Utilities Commission was notified via email of the PSPS watch on Thursday, September 16, 2021 at 4:01 p.m. and of the decision not to de-energize on Sunday, September 19, 2021 at 8:26 a.m. See Appendix A – Notifications to CPUC.

5.1.2 State Warning Center

The State Warning Center was notified via the CalFema form on September 16, 2021 at 3:01 PM regarding the PSPS watch and potential de-energization

5.1.3 Community Based Organizations, Public Safety Partners, Tribal Communities and Critical Facilities (including telecommunication providers)

Liberty held a Public Safety and Community Partners Update via WebEx on September 16, 2021 at 3:30 p.m. to notify its community-based organizations (CBOs), public safety partners (PSPs), and critical facilities of the potential PSPS event on September 19, 2021. Additional PSP calls were held on September 17, 2021 at 3:30 p.m. and September 18, 2021 at 2:00 p.m. to provide updates on the potential PSPS event.

Additionally, Liberty notified all PSPs via Everbridge on September 16, 2021 at 3:00 p.m. of the potential PSPS event and on September 19, 2021 at 9:03 a.m. of the cancellation of the potential PSPS event. Liberty sent Everbridge notices to El Dorado county PSPs on September 18, 2021 at 1:42 p.m. to provide an update on the potential PSPS event.

Liberty notified the Washoe Tribe via email on September 17, 2021 regarding the potential PSPS event and on September 19, 2021 regarding the cancellation of the potential PSPS event.

The following CBOs were notified by email on September 17, 2021:

- City of South Lake Tahoe
- El Dorado County Government
- Mono County
- Sierra County
- Washoe Tribe
- Boys & Girls Club of Lake Tahoe
- Tahoe Family Resource Center
- Alpine County

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- Alpine County School District
- Eastern Sierra Unified School District
- Lake Tahoe Unified School District
- Lake Tahoe Community College
- Sierra Plumas Joint Unified School District
- Tahoe Truckee Unified School District
- Nevada County

The following CBOs and critical facilities were notified by phone on September 17, 2021:

- Washoe Tribe
- STPUD
- Eastern Sierra Unified School District
- Lake Tahoe Unified School District
- Boys & Girls Club
- Tahoe Truckee Unified School District
- South Lake Tahoe City Manager
- Barton Hospital
- Squaw Creek Resort
- Marriott / Ritz
- SLT City Manager
- South Tahoe Refuse
- El Dorado County Supervisor
- Heavenly Mountain Ops
- Lake Tahoe Chamber CEO
- Safeway
- Raley's
- Barton Hospital
- Marriott
- City of South Lake Tahoe
- Lake Tahoe Chamber CEO
- Barton Hospital
- Heavenly Mountain Ops
- Lake Tahoe Resort Hotel

All PSPS, CBOs, and critical facilities were notified via email, phone, or text of the PSPS cancellation on September 19, 2021.

See Appendix B – Notifications to Community Based Organizations, Public Safety Partners, Tribal Communities and Critical Facilities.

5.1.4 Customer Notifications

The potential PSPS event on September 19, 2021 included three major notifications to customers: (1) de-energization warning to potentially impacted customers on September 17, 2021 at 9:42 a.m. (48-72 hours in advance of potential PSPS event), (2) updated de-energization warning to potentially impacted

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customers on September 17, 2021 at 7:13 p.m., and (3) cancellation notification to potentially impacted customers on September 19, 2021 at 9:02 a.m.

See Appendix C – Notifications to Customers.

5.2 Notification Timeline

Table 5-1 summarizes the timeline of notifications regarding the potential PSPS event on September 19, 2021.

Table 5-1: Notification Timeline

Date	Time	Recipient	Topic
9/16/2021	3:01 p.m.	Public Safety Partners	Virtual Briefing invite at 3:30 p.m. - Notification of Possible PSPS at 1 a.m. on Sunday, 9/19/21
9/16/2021	3:06 p.m.	Medical Baseline (MBL) Customers	Notification of Possible PSPS at 1 a.m. on Sunday, 9/19/21
9/16/2021	3:22 p.m.	Public Service Announcement (PSA)	Notification of Possible PSPS at 1 a.m. on Sunday, 9/19/21
9/16/2021	4:35 p.m.	All Tahoe Employees	Notice of Potential Public Safety Power Shutoff
9/16/2021	5:16 p.m.	Everbridge message sent to additional AFN Customers	Notification of Possible PSPS at 1 a.m. on Sunday, 9/19/21
9/17/2021	9:42 a.m.	Everbridge message sent to all potentially impacted customers	Possible PSPS 1 a.m. Sunday for more than 24 hours and Friday meeting at 5 p.m.
9/17/2021	9:45 a.m.	Everbridge message sent to all public safety partners	Possible PSPS 1 a.m. Sunday for more than 24 hours and Friday meeting at 5 PM
9/17/2021	9:51 a.m.	Distributed Press Release	Possible PSPS 1 a.m. Sunday for more than 24 hours
9/17/2021	11:30 AM	All Customers	Email to all customers, CBOs and PSPs in English and Spanish; information about how to prepare for PSPS available in English, Spanish, French, German, Vietnamese, Chinese and Tagalog
9/17/2021	1:30 p.m.	MBL customers	Follow-up with MBL customers that have not confirmed receipt of notification
9/17/2021	4:50 p.m.	Employee communication sent with PSPS status update	PSPS status update
9/17/21	5:13 p.m.	Everbridge sent to Circuit 7300 customers re: removed from PSPS Zone	Cancellation of PSPS in that zone
9/17/21	7:13 p.m.	Everbridge sent to all potentially impacted customers	Possible PSPS 1 a.m. Sunday for more than 24 hours

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Date	Time	Recipient	Topic
9/18/2021	12:00 p.m.	Attempted to re-contact (by phone) MBL customers not reached	Reached 6 more, leaving 10 to be visited
9/18/2021	1:42 p.m.	Everbridge sent to El Dorado County Public Safety Partners	2 p.m. meeting notification
9/19/2021	9:02 a.m.	Everbridge sent to all potentially impacted PPS customers	PSPS canceled
9/19/2021	9:03 a.m.	Everbridge sent to all Public Safety Partners / critical facilities	PSPS canceled
9/19/2021	9:05 a.m.	PSA distributed to local media	PSPS canceled
9/19/2021	9:19 AM	Employee communication sent	PSPS Cancelled

5.3 Positive Customer Notifications

During a PSPS event, Liberty performs positive or affirmative communication with MBL customers in the form of Everbridge notifications, personal calls, and home visits when needed. Table 5-2 summarizes the number, timing, responsible party, and success rate for affirmative notifications made as a part of this potential event.

Table 5-2: Summary of MBL Notifications

Date	Time	Notification	Positive Affirmations
9/16/2021	3:06 p.m.	Everbridge message sent to 44 MBL Customers.	16 confirmed receipt of message; 3 vacant residences.
9/17/2021	1:30 p.m.	Follow-up by phone with MBL customers that did not confirm receipt of notification.	12 of the remaining 25 MBL customers were reached.
9/18/2021	12:00 p.m.	Attempt to re-contact (by phone) MBL customers not reached.	3 of the remaining 13 MBL customers were reached.
9/18/2022	2 p.m.-6 p.m.	Home Visits to MBL customers.	There were 10 MBL customers not reached via Everbridge or follow-up calls. Liberty personnel went door to door and were able to speak with 6 customers, leave 3 door hangers, and identify one deceased MBL customer.
9/19/2021	9:02 a.m.	Everbridge sent to all potentially impacted PPS Customers.	PSPS canceled.

5.4 Deviations from Notification Plans or Requirements (D.21-06-014)

Liberty did not deviate from notification requirements during the potential PSPS event on September 19, 2021.

5.5 Plans for Correction in the Future (D.21-06-014)

Liberty does not have additional plans for correction based on the potential PSPS event on September 19, 2021.

5.6 False Communication

Liberty did not experience any false notifications during the potential September 19, 2021 de-energization event.

6 Local and State Public Safety Partner Engagement

Throughout the year, Liberty engages local and safety public safety partners to understand local needs, establish communication channels, and plan for events through tabletop and desktop exercises. The following section describes Liberty's engagement with local and state public safety partners, including critical facilities and telecommunication providers during the potential PSPS event on September 19, 2021.

6.1 Description of engagement

As described in Section 5.3, Liberty held Public Safety and Community Partner Update calls via WebEx at 3:30 p.m. on September 16, 2021, September 17, 2021, and September 18, 2021 to notify and provide updates regarding the potential PSPS event on September 19, 2021. Additionally, Liberty notified all Public Safety Partners via Everbridge on September 16, 2021 at 3:00 p.m. of the potential PSPS event and on September 19, 2021 at 9:03 a.m. of the cancellation of the potential PSPS event. Liberty sent Everbridge notices to El Dorado county PSPs on September 18, 2021 at 1:42 p.m. to provide an update on the potential PSPS event.

6.2 List the names of all entities invited to the utility's Emergency Operations Center for a PSPS event, the method used to make this invitation, and whether a different form of communication was preferred by any entity invited to the utility's emergency operation center. (D.21-06-014)

During the potential PSPS event on September 19, 2021, the EOC was assembled and operated virtually due to Covid-19 procedures, and no additional entities were invited to Liberty's Emergency Operations Center.

7 Complaints and Claims

As of September 30, 2021, Liberty has received no formal customer complaints or claims related to the potential PSPS event on September 19, 2021.

8 Power Restoration

Liberty closely monitored real-time conditions, as well as changing forecasts, during the potential de-energization event. Local resources remained stationed strategically to provide confirmation and assess conditions. Additionally, resources were dispatched to patrol the area and identify any hazards, such as contact with objects or vegetation. After considering all factors discussed in this report, Liberty determined not to implement a PSPS.

9 Community Resource Centers

The following section describes the location and planned operation of community resource centers (CRCs) made available during the potential September 19, 2021 PPS Event.

9.1 Location and hours of CRCs

Table 9-1 describes the locations and planned operating hours for the CRCs made available during the potential de-energization event. This information was made available to customers and the public via updates to Liberty’s PPS website. See Appendix D – Community Resource Centers.

Table 9-1: Community Resource Center Summary

County	Resource Type	Location	Planned Operation Dates/Hours
El Dorado	CRC	South Lake Tahoe Middle School 2940 Lake Tahoe Blvd. South Lake Tahoe, CA 96150	9/19/2021 and 9/20/2021: 8 a.m.-10 p.m.
Mono	CRC	Walker Community Center 442 Mule Deer Drive Walker, CA 93517	9/19/2021 and 9/20/2021: 8 a.m.-10 p.m.
Alpine	CRC	Woodfords Community 96 Washoe Blvd Markleeville, CA 96120	9/19/2021 and 9/20/2021: 8 a.m.-10 p.m.

Ultimately, Liberty made the decision to not initiate a PPS event in its service territory. However, Liberty opened its planned CRCs on September 19, 2021 from 8 a.m.-12 p.m. This activation of Liberty CRCs in the described locations should satisfy Liberty’s CRC exercise requirement and take the place of the CRC exercise originally scheduled for October 28, 2021. The activation was real-time and encompassed all of the activities of a full-scale exercise, including a hot wash and the subsequent gathering of activation lessons learned for an After Action Report.

9.2 Any deviations and explanations from the CRC requirements including operation hours, ADA accessibility and equipment. (D.20-05-051)

Liberty did not experience any deviations from CRC requirements or planned services, ADA accessibility, and equipment.

10 Mitigations to Reduce Impact to Customers

As described in Section 2.3, Liberty evaluated various alternatives and took additional steps, such as the mobilization of resources, sectionalizing, patrols and field observations, to mitigate the impact to customers. Furthermore, as described in Section 9, Liberty opened Community Resource Centers to provide essential services during the potential de-energization.

11 Lessons Learned from this Event

The following section describes, at a high level, any lessons learned or observations from the potential PSPS event on September 19, 2021.

1. Cancel all planned outages timed around the potential PSPS.
2. Identify one owner within Liberty for the lists of public safety partners, critical facilities, and CBOs.
3. Re-evaluate the structure of the Emergency Operations Center and Incident Command specifically for potential PSPS events.

12 Other Relevant Information

Liberty does not have any other relevant information to share at this time.

13 Officer 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 this foregoing document are true.

I declare under penalty of perjury that the foregoing is true and correct. Executed on this 1st of October, 2021 in Downey, California.



Chris Alario, Ph.D.
President, CA
Liberty

14 Appendix A – Notifications to the CPUC

AnnMarie Lett

From: Jordan Parrillo
Sent: Sunday, September 19, 2021 8:36 AM
To: PSPSNotification@cpuc.ca.gov
Cc: leslie.palmer@cpuc.ca.gov; Noll, Anthony; Thomas Jacobs, Caroline@EnergySafety; rachel.peterson@cpuc.ca.gov; edward.randolph@cpuc.ca.gov; Sharon Yang; Dan Marsh; Eliot Jones
Subject: PSPS in Liberty Service Territory

All,

The Public Safety Power Shutoff (PSPS) considered in Liberty's service territory for September 19, 2021 will not occur in light of improved fire weather conditions. Liberty will continue to monitor the situation.

Liberty is currently notifying all potentially impacted customers as well as Public Safety Partners.

Please let me know if you have any additional questions.

Thank you,
Jordan

Jordan Parrillo | Liberty Utilities (California) | Manager, Regulatory Affairs
P: 530-721-7818 | C: 609-610-4198 | E: Jordan.Parrillo@libertyutilities.com
701 National Ave, Tahoe Vista, CA 96148

AnnMarie Lett

From: Jordan Parrillo
Sent: Thursday, September 16, 2021 4:01 PM
To: PSPSNotification@cpuc.ca.gov
Cc: leslie.palmer@cpuc.ca.gov; Noll, Anthony; Thomas Jacobs, Caroline@EnergySafety; rachel.peterson@cpuc.ca.gov; edward.randolph@cpuc.ca.gov; Sharon Yang; Dan Marsh; Eliot Jones
Subject: PSPS Watch in Liberty Service Territory

All,

Liberty is in a PSPS watch status for the areas indicated on this [linked map](#), due to extreme fire conditions. Should forecasted conditions develop requiring the implementation of a PSPS, the estimated time and duration is identified below.

Date: September 19, 2021
Estimated Start time: 1:00 am
Estimated End Time: 4:00 pm
Restoration Duration: To be determined
Potential Customers Impacted: 6,845
Potential AFN Customers Impacted: 45

Liberty is currently contacting critical facilities, CalOES, Cal Fire, and other public safety partners. AFN customers received notifications via Everbridge at 3pm on September 16, 2021. Updates will be provided when and if the PSPS watch moves to a decision to de-energize, when it is initiated, when restoration begins, and when restoration is complete.

Please let me know if you have any additional questions.

Thank you,
Jordan

Jordan Parrillo | Liberty Utilities (California) | Manager, Regulatory Affairs
P: 530-721-7818 | C: 609-610-4198 | E: Jordan.Parrillo@libertyutilities.com
701 National Ave, Tahoe Vista, CA 96148

15 Appendix B – Notification to CBOs, PSPs, Tribal Communities and CF

...

**Initial Everbridge Notification to Public Safety Partners and Critical Facilities
September 16, 2021 at 3:01 PM**

Email:

This is an important alert from your electric provider, Liberty. Due to extreme fire conditions, a Public Safety Power Shutoff (PSPS) may be implemented for [THESE AREAS](#) on or about Sunday, 9/19 from 1 a.m. to 4 p.m. The power shutoff could last more than 24 hours. Customers who require power to operate life-essential medical equipment are strongly encouraged to call 9-1-1 if they are unable to secure necessary alternative power. Please join us for a PSPS briefing Thursday, September 16 at 3:30 p.m. Join by clicking [HERE](#) at 3:00. For additional updates, please follow us on [Facebook](#) (@LibertyUtilitiesLT) and [Twitter](#) (@LibertyUtil_CA) or visit our website at [libertyutilities.com](#).

Phone/Text:

This is an important alert from your electric provider, Liberty. Due to extreme fire conditions, a Public Safety Power Shutoff (PSPS) may be implemented for some Liberty customers on or about Sunday, 9/19 from 1 a.m. to 4 p.m. The power shutoff could last more than 24 hours. Customers who require power to operate life-essential medical equipment are strongly encouraged to call 9-1-1 if they are unable to secure necessary alternative power. Please join us for a PSPS briefing Thursday, September 16 at 3:30 p.m. Join by going to [libertyutilities.com/pspsbriefing/thursday/](#) . For additional updates, please follow us on [Facebook](#) (@LibertyUtilitiesLT) and [Twitter](#) (@LibertyUtil_CA) or visit our website at [libertyutilities.com](#).

**Second Everbridge Notification to Public Safety Partners and Critical Facilities
September 17, 2021 at 9:45 AM**

Email:

This is an important alert from your electric provider, Liberty. Due to extreme fire conditions, a Public Safety Power Shutoff (PSPS) may be implemented for your area on or about Sunday, 9/19 from 1 a.m. to 4 p.m. The power shutoff could last more than 24 hours. Customers who require power to operate life-essential medical equipment are strongly encouraged to call 9-1-1 if they are unable to secure necessary alternative power.

Please join us for a PSPS briefing on Friday, September 17 at 5:00 p.m. Join by clicking [HERE](#).

Details of the PSPS can be found [HERE](#) and will be updated as necessary.

For additional updates, please follow us on [Facebook](#) (@LibertyUtilitiesLT) and [Twitter](#) (@LibertyUtil_CA).

Phone/Text:

This is an important alert from your electric provider, Liberty. Due to extreme fire conditions, a Public Safety Power Shutoff (PSPS) may be implemented for your area on or about Sunday, 9/19 from 1 a.m. to 4 p.m. The power shutoff could last more than 24 hours. Customers who require power to operate life-essential medical equipment are strongly encouraged to call 9-1-1 if they are unable to secure necessary alternative power. Please join us for a PSPS briefing on Friday, September 17 at 5:00 p.m. Join by going to libertyutilities.com. For additional updates, please follow us on [Facebook](#) (@LibertyUtilitiesLT) and [Twitter](#) (@LibertyUtil_CA) or visit our website at libertyutilities.com.

Email – Community Based Organizations (CBO’s) and Elected Officials

Subject: Notice of Potential Public Safety Power Shutoff from Liberty

This is an important alert from electric provider, Liberty. Please be advised of a potential Public Safety Power Shutoff (PSPS) event for Liberty’s customers that may be required due to extreme fire conditions in [THESE AREAS](#).

Liberty has activated its PSPS protocol and has alerted public safety partners, Medical Baseline Customers, all impacted customers, and other key audiences regarding the possibility of a PSPS.

Here’s what you need to know:

- **Expected start of PSPS outage:** Sunday, September 19 at 1:00 a.m.
- **Expected duration of PSPS outage:** at least 24 hours
- **Number of customers potentially impacted:** Approximately 7,000 customers would be impacted by Liberty’s potential PSPS. [See map for details](#).

Liberty will activate Community Resource Centers that will remain open throughout the PSPS and will provide regular updates to customers via website, email, social media, and Everbridge (text/phone platform).

Customers may join Liberty for a PSPS briefing on Friday, September 17 at 5:00 p.m. You may join by clicking [HERE](#)

Thank you for your support and cooperation as we work to keep our customers and communities safe.

About Public Safety Power Shutoffs

A public safety power shutoff (PSPS) is a safety procedure utilized by electric utilities to proactively turn off power when and where weather conditions create a high wildfire risk. The practice of de-energization, which is becoming more and more frequent, is supported by the California Public Utilities Commission (CPUC) as a safety best practice.

In partnership with fire weather experts, Liberty monitors real-time weather data and forecasts and regularly tests fuel moisture during the fire season. If forecasted conditions meet or exceed safety thresholds, Liberty will initiate a PSPS.

Third Everbridge to Public Safety Partners and Critical Facilities September 17, 2021 at 7:13 PM

Email:

Liberty continues to monitor weather patterns for extreme fire conditions. A Public Safety Power Shutoff (PSPS) may be implemented for your area on or about Sunday, 9/19 from 1 a.m. to 4 p.m. The power shutoff could last more than 24 hours. Customers who require power to operate life-essential medical equipment are strongly encouraged to call 9-1-1 if they are unable to secure necessary alternative power.

Community Resource Centers (CRC) will be activated to support a PSPS and will remain open daily between the hours of 8 a.m. to 10 p.m. throughout the de-energization event to provide customers with resources. CRC locations can be found [HERE](#).

Details of the PSPS can be found [HERE](#) and will be updated as necessary.

For additional updates, please follow us on [Facebook](#) (@LibertyUtilitiesLT) and [Twitter](#) (@LibertyUtil_CA).

Phone/Text:

This is an important update from your electric provider, Liberty. We continue to monitor weather patterns for extreme fire conditions. A Public Safety Power Shutoff (PSPS) may be implemented for your area on or about Sunday, 9/19 from 1 a.m. to 4 p.m. The power shutoff could last more than 24 hours. Customers who require power to operate life-essential medical equipment are strongly encouraged to call 9-1-1 if they are unable to secure necessary alternative power.

Community Resource Centers (CRC) will be activated to support a PSPS and will remain open daily between the hours of 8 a.m. to 10 p.m. throughout the de-energization event to provide customers with resources. CRC locations can be found on our website at libertyutilities.com.

For additional updates, please follow us on [Facebook](#) (@LibertyUtilitiesLT) and [Twitter](#) (@LibertyUtil_CA) or visit our website at libertyutilities.com.

Social:

Community Resource Centers (CRC) will be activated to support the PSPS and will remain open daily between the hours of 8am-10pm throughout the de-energization event to provide customers with resources. CRC locations and details in image. All PSPS info: <https://bit.ly/3lEkiPg>
<<attached flyer included>>

Email – Community Based Organizations (CBO’s) and Elected Officials

Subject: Notice of Potential Public Safety Power Shutoff from Liberty

This is an important alert from electric provider, Liberty. Please be advised of a potential Public Safety Power Shutoff (PSPS) event for Liberty’s customers that may be required due to extreme fire conditions in [THESE AREAS](#).

Liberty has activated its PSPS protocol and has alerted public safety partners, Medical Baseline Customers, all impacted customers, and other key audiences regarding the possibility of a PSPS.

Here’s what you need to know:

- **Expected start of PSPS outage:** Sunday, September 19 at 1:00 a.m.
- **Expected duration of PSPS outage:** at least 24 hours
- **Number of customers potentially impacted:** Approximately 7,000 customers would be impacted by Liberty’s potential PSPS. [See map for details](#).

Liberty will activate Community Resource Centers that will remain open throughout the PSPS and will provide regular updates to customers via website, email, social media, and Everbridge (text/phone platform).

Customers may join Liberty for a PSPS briefing on Friday, September 17 at 5:00 p.m. You may join by clicking [HERE](#)

Thank you for your support and cooperation as we work to keep our customers and communities safe.

About Public Safety Power Shutoffs

A public safety power shutoff (PSPS) is a safety procedure utilized by electric utilities to proactively turn off power when and where weather conditions create a high wildfire risk. The practice of de-energization, which is becoming more and more frequent, is supported by the California Public Utilities Commission (CPUC) as a safety best practice.

In partnership with fire weather experts, Liberty monitors real-time weather data and forecasts and regularly tests fuel moisture during the fire season. If forecasted conditions meet or exceed safety thresholds, Liberty will initiate a PSPS.

**Everbridge Cancellation Notice to PSPs, CBOs and CFs
September 19, 2021 at 9:03 AM**

Email

This is an important alert from your electric provider, Liberty. The Public Safety Power Shutoff (PSPS) considered for your area will not occur in light of improved fire weather conditions.

Protecting the safety of our customers and the community is our top priority, and we appreciate your patience and cooperation.

If you are experiencing non-PSPS outage issues, please contact Liberty so crews can be dispatched to investigate and safely restore service.

For additional updates, please follow us on [Facebook](#) (@LibertyUtilitiesLT) and [Twitter](#) (@LibertyUtil_CA) or visit our website at libertyutilities.com.

Phone/Text

This is an important alert from your electric provider, Liberty. The Public Safety Power Shutoff (PSPS) considered for your area will not occur in light of improved fire weather conditions. Protecting the safety of our customers and the community is our top priority, and we appreciate your patience and cooperation.

If you are experiencing non-PSPS outage issues, please contact Liberty so crews can be dispatched to investigate and safely restore service.

Social Media

In light of improved fire weather conditions, there will be no Public Safety Power Shutoff (PSPS) for Liberty customers.

Protecting the safety of our customers and the community is our top priority, and we appreciate your patience and cooperation.

Any customers experiencing non-PSPS outage issues are asked to contact Liberty so crews can be dispatched to investigate and safely restore service.

Details of the PSPS can be found [HERE](#) and will be updated as necessary.

16 Appendix C –Notifications to Customers

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**Initial Everbridge Notification to Medical Baseline and AFN
September 16, 2021 at 3:06 PM**

Email:

This is an important alert from your electric provider, Liberty. Due to extreme fire conditions, a Public Safety Power Shutoff (PSPS) may be implemented for your area on or about Sunday, 9/19 from 1 a.m. to 4 p.m. The power shutoff could last more than 24 hours. Customers who require power to operate life-essential medical equipment are strongly encouraged to call 9-1-1 if they are unable to secure necessary alternative power. Please join us for a PSPS briefing on Friday, September 17 at 5:00 p.m. Join by clicking [HERE](#). For additional updates, please follow us on [Facebook](#) (@LibertyUtilitiesLT) and [Twitter](#) (@LibertyUtil_CA) or visit our website at libertyutilities.com.

Phone/Text:

This is an important alert from your electric provider, Liberty. Due to extreme fire conditions, a Public Safety Power Shutoff (PSPS) may be implemented for your area on or about Sunday, 9/19 from 1 a.m. to 4 p.m. The power shutoff could last more than 24 hours. Customers who require power to operate life-essential medical equipment are strongly encouraged to call 9-1-1 if they are unable to secure necessary alternative power. Please join us for a PSPS briefing on Friday, September 17 at 5:00 p.m. Join by going to libertyutilities.com/pspsbriefing/friday/ For additional updates, please follow us on [Facebook](#) (@LibertyUtilitiesLT) and [Twitter](#) (@LibertyUtil_CA) or visit our website at libertyutilities.com.

Initial Notification to All Customers September 16, 2021

Website – All Customers

Liberty may implement a Public Safety Power Shutoff (PSPS) for [THESE AREAS](#), due to extreme fire conditions. A PSPS is not imminent at this time; however, customers are encouraged to plan ahead for the possibility of an extended shutoff that could begin 1am morning Sunday, September 19 and last more than 24 hours. Customers who require power to operate life-essential medical equipment are strongly encouraged to call 9-1-1 if they are unable to secure necessary alternative power. Please join us for a PSPS briefing on Friday, September 17 at 5:00 p.m. Join by clicking [HERE](#). For additional updates, please follow us on [Facebook](#) (@LibertyUtilitiesLT) and [Twitter](#) (@LibertyUtil_CA) or visit our website at libertyutilities.com.

Social Media – All Customers

*Twitter Thread: *numbers identify position in the thread*

1. Liberty may implement a Public Safety Power Shutoff (PSPS) for [THESE AREAS](#), due to extreme fire conditions.
2. A #PSPS is not imminent at this time; however, customers are encouraged to plan ahead for the possibility of an extended shutoff that could begin 1:00am Sunday, September 19 and last more than 24 hours.
3. Customers who require power to operate life-essential medical equipment are strongly encouraged to call 9-1-1 if they are unable to secure necessary alternative power.
4. Please join us for a PSPS briefing on Friday, September 17 at 5:00 p.m. Join by clicking [HERE](#).

Facebook Post:

- Liberty may implement a Public Safety Power Shutoff (PSPS) for [THESE AREAS](#), due to extreme fire conditions. A #PSPS is not imminent at this time; however, customers are encouraged to plan ahead for the possibility of an extended shutoff that could begin 1:00am Sunday, September 19 and last more than 24 hours. Customers who require power to operate life-essential medical equipment are strongly encouraged to call 9-1-1 if they are unable to secure necessary alternative power. Please join us for a PSPS briefing on Friday, September 17 at 5:00 p.m. Join by clicking [HERE](#).

PSA - All Customers

- Liberty may implement a Public Safety Power Shutoff (PSPS) for [THESE AREAS](#), due to extreme fire conditions. A #PSPS is not imminent at this time; however, customers are encouraged to plan ahead for the possibility of an extended shutoff that could begin 1am Sunday, September 19 and last more than 24 hours. Customers who require power to operate life-essential medical equipment are strongly encouraged to call 9-1-1 if they are unable to secure necessary alternative power. Please join us for a PSPS briefing on Friday, September 17 at 5:00 p.m. Join by clicking [HERE](#).

Initial Everbridge to All Potentially Impacted Customers September 17, 2021 at 9:42 AM

Email:

This is an important alert from your electric provider, Liberty. Due to extreme fire conditions, a Public Safety Power Shutoff (PSPS) may be implemented for your area on or about Sunday, 9/19 from 1 a.m. to 4 p.m. The power shutoff could last more than 24 hours. Customers who require power to operate life-essential medical equipment are strongly encouraged to call 9-1-1 if they are unable to secure necessary alternative power.

Please join us for a PSPS briefing on Friday, September 17 at 5:00 p.m. Join by clicking [HERE](#).

Details of the PSPS can be found [HERE](#) and will be updated as necessary.

For additional updates, please follow us on [Facebook](#) (@LibertyUtilitiesLT) and [Twitter](#) (@LibertyUtil_CA).

Phone/Text:

This is an important alert from your electric provider, Liberty. Due to extreme fire conditions, a Public Safety Power Shutoff (PSPS) may be implemented for your area on or about Sunday, 9/19 from 1 a.m. to 4 p.m. The power shutoff could last more than 24 hours. Customers who require power to operate life-essential medical equipment are strongly encouraged to call 9-1-1 if they are unable to secure necessary alternative power. Please join us for a PSPS briefing on Friday, September 17 at 5:00 p.m. Join by going to libertyutilities.com. For additional updates, please follow us on [Facebook](#) (@LibertyUtilitiesLT) and [Twitter](#) (@LibertyUtil_CA) or visit our website at libertyutilities.com.

Email – All Customers

English and Spanish. Included links to other language documents.

<https://mailchi.mp/libertyutilities/how-to-prepare-for-sundays-psps>

Social Media – All Customers

*Twitter Thread: *numbers identify position in the thread*

1. Liberty may implement a Public Safety Power Shutoff (PSPS) for [THESE AREAS](#), due to extreme fire conditions.
2. Customers are encouraged to plan ahead for the possibility of an extended shutoff that could begin 1:00 a.m. Sunday, September 19 and last more than 24 hours.
3. Customers who require power to operate life-essential medical equipment are strongly encouraged to call 9-1-1 if they are unable to secure necessary alternative power.
4. Please join us for a PSPS briefing on Friday, September 17 at 5:00 p.m. Join by clicking [HERE](#).
5. Community Resource Centers (CRC) are being activated. CRCs will remain open daily between the hours of 8 a.m. to 10 p.m. throughout the de-energization event to provide customers with resources.

Facebook Post:

Liberty may implement a Public Safety Power Shutoff (PSPS) for [THESE AREAS](#), due to extreme fire conditions. Customers are encouraged to plan ahead for the possibility of an extended shutoff that could begin 1:00 a.m. Sunday, September 19 and last more than 24 hours.

Customers who require power to operate life-essential medical equipment are strongly encouraged to call 9-1-1 if they are unable to secure necessary alternative power. Community Resource Centers (CRC) are being activated. CRCs will remain open daily between the hours of 8 a.m. to 10 p.m. throughout the de-energization event to provide customers with resources.

Please join us for a PSPS briefing on Friday, September 17 at 5:00 p.m. Join by clicking [HERE](#).

Second Everbridge Notification to Potentially Impacted Customers, including AFN September 17, 2021 at 7:13 PM

Email:

Liberty continues to monitor weather patterns for extreme fire conditions. A Public Safety Power Shutoff (PSPS) may be implemented for your area on or about Sunday, 9/19 from 1 a.m. to 4 p.m. The power shutoff could last more than 24 hours. Customers who require power to operate life-essential medical equipment are strongly encouraged to call 9-1-1 if they are unable to secure necessary alternative power.

Community Resource Centers (CRC) will be activated to support a PSPS and will remain open daily between the hours of 8 a.m. to 10 p.m. throughout the de-energization event to provide customers with resources. CRC locations can be found [HERE](#).

Details of the PSPS can be found [HERE](#) and will be updated as necessary.

For additional updates, please follow us on [Facebook](#) (@LibertyUtilitiesLT) and [Twitter](#) (@LibertyUtil_CA).

Phone/Text:

This is an important update from your electric provider, Liberty. We continue to monitor weather patterns for extreme fire conditions. A Public Safety Power Shutoff (PSPS) may be implemented for your area on or about Sunday, 9/19 from 1 a.m. to 4 p.m. The power shutoff could last more than 24 hours. Customers who require power to operate life-essential medical equipment are strongly encouraged to call 9-1-1 if they are unable to secure necessary alternative power.

Community Resource Centers (CRC) will be activated to support a PSPS and will remain open daily between the hours of 8 a.m. to 10 p.m. throughout the de-energization event to provide customers with resources. CRC locations can be found on our website at libertyutilities.com.

For additional updates, please follow us on [Facebook](#) (@LibertyUtilitiesLT) and [Twitter](#) (@LibertyUtil_CA) or visit our website at libertyutilities.com.

Social:

Community Resource Centers (CRC) will be activated to support the PSPS and will remain open daily between the hours of 8am-10pm throughout the de-energization event to provide customers with resources. CRC locations and details in image. All PSPS info: <https://bit.ly/3lEkiPg>

<<attached flyer included>>

Email Notification to All Customers, CBOs, and PSPs September 17, 2021 at 11:30 AM

Due to extreme fire conditions, a Public Safety Power Shutoff (PSPS) may be implemented for [THESE AREAS](#) on or about Sunday, September 19, from 1 a.m. to 4 p.m., but could last more than 24 hours. Customers who require power to operate life-essential medical equipment are strongly encouraged to call 9-1-1 if they are unable to secure necessary alternative power.

A Public Safety Power Shutoff (PSPS) is a safety procedure utilized by electric utilities to proactively turn off power when and where conditions present an increased wildfire risk. The practice of de-energization is supported by the California Public Utilities Commission (CPUC) as a safety best practice.

How to Prepare for a PSPS

Below are resources in multiple languages to help you understand, prepare for, and endure a PSPS event.

Debido a las condiciones extremas de incendio, se puede implementar un corte de energía de seguridad pública (PSPS) para [ESTAS ÁREAS](#) en o alrededor del domingo 19 de septiembre, de 1 a.m. a 4 p.m., pero podría durar más de 24 horas. Se recomienda encarecidamente a los clientes que requieren energía para operar equipos médicos esenciales para la vida que llamen al 9-1-1 si no pueden obtener la energía alternativa necesaria.

Un corte de energía de seguridad pública (PSPS) es un procedimiento de seguridad utilizado por las empresas eléctricas para apagar proactivamente la energía cuando y donde las condiciones presentan un mayor riesgo de incendios forestales. La práctica de la desenergización es apoyada por la Comisión de Servicios Públicos de California (CPUC) como una mejor práctica de seguridad.

Cómo prepararse para un PSPS

A continuación se presentan recursos en varios idiomas para ayudarlo a comprender, prepararse y soportar un evento PSPS.

Public Safety Power Shutoff Update for Liberty Customers

Due to extreme fire conditions, a Public Safety Power Shutoff (PSPS) may be implemented for [THESE AREAS](#) on or about Sunday, 9/19 from 1 a.m. to 4 p.m. The power shutoff could last more than 24 hours. Customers who require power to operate life-essential medical equipment are strongly encouraged to call 9-1-1 if they are unable to secure necessary alternative power.

Monitored Fire Weather Conditions		
Energy Release Component	Wind Gusts	Fosberg Fire Weather Index
>92% safety threshold: 92nd percentile	Up to 60mph safety threshold: 40 mph	>50 safety threshold: 50

What Do I Need to Know?

- Power is expected to be shut off on Sunday, September 19 at or about 1:00 a.m.
- Predicted weather conditions warrant a PSPS forecasted for the aforementioned areas, date, and time.
- Approximately 6,845 customers will be impacted.
- Public safety partners were contacted on Thursday, September 16, 2021 and made aware of medically sensitive customers who will be impacted by the PSPS.
- Customers who require power to operate life-essential medical equipment are strongly encouraged to call 9-1-1 if they are unable to secure necessary alternative power.
- Community Resource Centers (CRC) are being activated. CRCs will remain open daily between the hours of 8 a.m. to 10 p.m. throughout the de-energization event to provide customers with resources.
- For additional information and real-time updates, please follow us on [Facebook](#) (@LibertyUtilitiesLT) and [Twitter](#) (@LibertyUtil_CA)

View Areas Impacted by the PSPS [HERE](#)

When Will Power Be Restored?

Liberty will begin the process to restore power when weather conditions retreat below the aforementioned safety thresholds. The restoration process includes conducting safety inspections on power lines and electric infrastructure throughout the impacted communities, an essential action that must be completed prior to lifting the PSPS and restoring power. The power shutoff could last more than 24 hours. Thank you for your patience. We will provide additional updates as they become available.

About Public Safety Power Shutoffs

A public safety power shutoff (PSPS) is a safety procedure utilized by electric utilities to proactively turn off power when and where weather conditions create a high wildfire risk. The practice of de-energization, which is becoming more and more frequent, is supported by the California Public Utilities Commission (CPUC) as a safety best practice.

In partnership with fire weather experts, Liberty monitors real-time weather data and forecasts and regularly tests fuel moisture during the fire season. If it is determined that the forecasted conditions meet or exceed safety thresholds, Liberty will initiate a PSPS.

Safety Thresholds:

- The Energy Release Component (measures dry fuel conditions) exceeds 92nd percentile
- Wind gusts exceed 40 miles per hour
- Fosberg Fire Weather Index (measures speed of potential fire) exceeds 50

In the event that a PSPS is a possibility, Liberty will attempt to contact customers through calls, texts, and emails using contact information on file. Customers should keep their contact information up-to-date and follow Liberty on Facebook and Twitter to receive timely PSPS updates.

What Other Wildfire Mitigation Efforts Does Liberty Have in Place to Protect Our Community?

Catastrophic wildfires have become all too common in California. Due to the dense vegetation and dry brush that characterize much of our landscape, the Lake Tahoe Basin and surrounding forested areas have been designated either "High" or "Very High" Fire Hazard Severity Zones by CAL FIRE.

Liberty is taking steps to mitigate the risk of wildfires in the communities we serve. Outlined below are the key components of our Wildfire Mitigation Plan.

[View Mitigation Plan](#)

Infrastructure Hardening

Infrastructure hardening is an ongoing system infrastructure improvement and replacement process aimed at lowering the potential of fires sparked by electric infrastructure. Over the next several years, Liberty will conduct the following improvements to support this process:

- Install covered conductors
- Replace conventional fuses with limiting fuses
- Test and replace aging poles
- Underground sections of the grid
- Remove tree attachments (electrical infrastructure attached to trees)
- Decommission the old wood structure Brockway Substation and replace with a new modern substation
- Complete system audit (inspect 100% of all poles and infrastructure in the system)

Vegetation Management

Liberty crews are deployed year-round throughout the region to inspect trees and vegetation in the vicinity of power lines. In compliance with state law and safety best practices, Liberty will trim or remove trees or branches that have grown too close to power lines in order to mitigate wildfire risk.

When trees are identified for trimming, crews are instructed to prune branches and vegetation back to a minimum of 12 feet from the high voltage power lines to maintain adequate clearance over the maintenance cycle period. Crews will additionally identify trees for removal that are dead, diseased, or structurally unsound, despite being within the acceptable clearance zone, if they have the potential to fall on power lines.

Customers should never attempt to conduct the tree trimming activities themselves, due to the risk of coming into contact with power lines during the process.

Liberty offers complimentary tree-trimming services to customers who believe a tree or branch may be hazardous to nearby electric infrastructure. If you spot a tree or branch you feel may be a hazard, please call us at 530-546-1787.

Important

If we have your current contact information, Liberty will be sending outreach updates to affected customers. If we don't have your current contact information on file, please email it to us immediately at: CustomerInfo@libertyutilities.com.

Please help to keep our customer service phone lines clear for emergencies.

Actualización de Corte de Energía de Seguridad Pública para Clientes de Liberty

Debido a condiciones extremas de incendio, se puede implementar un Corte de Energía de Seguridad Pública (PSPS por sus siglas en inglés) para ESTAS ÁREAS el domingo, 19 de septiembre de 1 a.m. a 4 p.m. o alrededor de esa fecha. El corte de energía podría durar más de 24 horas. Se recomienda encarecidamente a los clientes que necesiten energía para operar equipos médicos esenciales que llamen al 9-1-1 si no pueden obtener la energía alternativa necesaria.

Condiciones Meteorológicas de Incendio Supervisadas

Componente de Liberación de Energía

Ráfagas de Viento

Índice Meteorológico de Incendios de Fosberg

> 92% umbral de seguridad: percentil 92

Umbral de seguridad de hasta 60 mph: 40 mph

> 50 umbral de seguridad: 50

¿Qué Necesito Saber?

- Se espera que el suministro eléctrico se corte el domingo 19 de septiembre a la 1:00 a.m. o alrededor de esa hora.
- Las condiciones meteorológicas pronosticadas justifican un PSPS pronosticado para las áreas, la fecha y la hora antes mencionadas.
- Aproximadamente 6,845 clientes se verán afectados.
- Los socios de seguridad pública fueron contactados el jueves 16 de septiembre de 2021 y se les informó sobre los clientes médicamente sensibles que se verán afectados por el PSPS.
- Se recomienda encarecidamente a los clientes que necesiten energía para operar equipos médicos esenciales que llamen al 9-1-1 si no pueden obtener la energía alternativa necesaria.
- Se están activando los Centros de Recursos Comunitarios (CRC). Los CRC permanecerán abiertos todos los días entre las 8 a.m. y las 10 p.m. durante todo el evento de desenergización para proporcionar recursos a los clientes.
- Para obtener información adicional y actualizaciones en tiempo real, síganos en Facebook (@LibertyUtilitiesLT) y Twitter (@LibertyUtil_CA)

Vea las Áreas Afectadas por el PSPS AQUÍ

¿Cuándo se Restaurará la Energía?

Liberty comenzará el proceso para restaurar la energía cuando las condiciones climáticas se reduzcan por debajo de los umbrales de seguridad mencionados anteriormente. El proceso de restauración incluye la realización de inspecciones de seguridad en las líneas eléctricas y la infraestructura eléctrica en todas las comunidades afectadas, una acción esencial que debe completarse antes de levantar el PSPS y restaurar la energía. El corte de energía podría durar más de 24 horas. Gracias por su paciencia. Proporcionaremos actualizaciones adicionales a medida que estén disponibles.

Acerca de los Cortes de Energía por Motivos de Seguridad pública

Un corte de energía por seguridad pública (PSPS) es un procedimiento de seguridad utilizado por las empresas de servicios eléctricos para apagar proactivamente la energía cuando y donde las condiciones climáticas crean un alto riesgo de incendio forestal. La práctica de desenergización, que se está volviendo cada vez más frecuente, es apoyada por la Comisión de Servicios Públicos de California (CPUC) como una mejor práctica de seguridad.

En asociación con expertos en clima de incendios, Liberty monitorea los datos y pronósticos del clima en tiempo real y prueba regularmente la humedad del combustible durante la temporada de incendios. Si se determina que las condiciones previstas cumplen o superan los umbrales de seguridad, Liberty iniciará un PSPS.

Umbrales de Seguridad:

- El Componente de Liberación de Energía (mide las condiciones del combustible seco) supera el percentil 92
- Las ráfagas de viento superan las 40 millas por hora
- El índice meteorológico de incendios de Fosberg (mide la velocidad del fuego potencial) supera 50

En el caso de que exista la posibilidad de un PSPS, Liberty intentará comunicarse con los clientes a través de llamadas, mensajes de texto y correos electrónicos utilizando la información de contacto registrada. Los clientes deben mantener actualizada su información de contacto y seguir a Liberty en Facebook y Twitter para recibir actualizaciones oportunas de PSPS.

¿Qué Otros Esfuerzos de Mitigación de Incendios Forestales Tiene Liberty para Proteger Nuestra Comunidad?

Los incendios forestales catastróficos se han vuelto demasiado comunes en California. Debido a la densa vegetación y la maleza seca que caracterizan gran parte de nuestro paisaje, la Cuenca del Lago Tahoe y las áreas boscosas circundantes han sido designadas Zonas de Severidad de Riesgo de Incendio "Alta" o "Muy Alta" por CAL FIRE.

Liberty está tomando medidas para mitigar el riesgo de incendios forestales en las comunidades a las que servimos. A continuación se describen los componentes clave de nuestro plan de mitigación de incendios forestales.

Ver Plan de Mitigación

Fortalecimiento de la Infraestructura

El endurecimiento de la infraestructura es un proceso continuo de mejora y reemplazo de la infraestructura del sistema destinado a reducir el potencial de incendios provocados por la infraestructura eléctrica. Durante los próximos años, Liberty llevará a cabo las siguientes mejoras para respaldar este proceso:

- Instalar conductores cubiertos
- Reemplazar fusibles convencionales por fusibles limitadores
- Examinar y reemplazar los postes envejecidos
- Secciones subterráneas de la red
- Eliminar los accesorios de los árboles (infraestructura eléctrica unida a los árboles)
- Desmantelar la antigua estructura de madera de la subestación Brockway y reemplazarla por una nueva y moderna subestación
- Auditoría completa del sistema (inspeccionar el 100% de todos los postes e infraestructura en el sistema)

Manejo de Vegetación

Las cuadrillas de Liberty están desplegadas durante todo el año en toda la región para inspeccionar árboles y vegetación en las cercanías de las líneas eléctricas. De conformidad con la ley estatal y las mejores prácticas de seguridad, Liberty podará o eliminará árboles o ramas que hayan crecido demasiado cerca de las líneas eléctricas para mitigar el riesgo de incendios forestales.

Cuando se identifican árboles para podar, se indica a las cuadrillas que poden las ramas y la vegetación a un mínimo de 12 pies de las líneas eléctricas de alto voltaje para mantener un espacio libre adecuado durante el período del ciclo de mantenimiento. Adicionalmente, las cuadrillas identificarán los árboles para remover que estén muertos, enfermos o estructuralmente defectuosos, a pesar de estar dentro de la zona de despeje aceptable, si tienen el potencial de caer sobre líneas eléctricas.

Los clientes nunca deben intentar realizar las actividades de poda de árboles por sí mismos, debido al riesgo de entrar en contacto con líneas eléctricas durante el proceso.

Liberty ofrece servicios gratuitos de poda de árboles a los clientes que creen que un árbol o una rama pueden ser peligrosos para la infraestructura eléctrica cercana. Si ve un árbol o una rama que cree que puede ser un peligro, llámenos al 530-546-1787.

Importante

Si tenemos su información de contacto actual, Liberty enviará actualizaciones de alcance a los clientes afectados. Si no tenemos su información de contacto actual archivada, envíenos un correo electrónico de inmediato a: CustomerInfo@libertyutilities.com.

Por favor ayude a mantener nuestras líneas telefónicas de servicio al cliente despejadas para emergencias.



Media Release

FOR IMMEDIATE RELEASE:

Thursday, September 16, 2021

Contact: Alison Vai

(562)-385-0194

Liberty Alerts Customers of Potential Public Safety Power Shutoff Due to Forecasted High Fire Risk Conditions

Tahoe, California – Liberty Utilities (Liberty) is notifying customers that it may implement a Public Safety Power Shutoff (PSPS) in [THESE AREAS](#) on or about Sunday, 9/19 from 1 a.m. to 4 p.m. to reduce wildfire risk and promote the safety of the community during the anticipated extreme weather conditions. If a PSPS is implemented, it could last more than 24 hours before power is safely restored.

The state of California grants authority to Liberty to implement a PSPS in high-risk areas when extreme weather conditions present a clear danger to public safety.

Customers who require power to operate life-essential medical equipment are strongly encouraged to call 9-1-1 if they are unable to secure necessary alternative power.

“We understand power outages are never convenient for customers, and we appreciate the community’s cooperation as we consider these measures to keep the area safe from wildfires,” said Travis Johnson, Vice President, Operations.

For safety, customers are advised to take the following proactive measures:

- Create an emergency kit including, but not limited to, flashlights, first aid supplies and local maps. Consult [Ready.gov](https://www.ready.gov) for additional emergency kit necessities.
- Plan for medical needs that may be impacted by a power shutoff, including medications that need refrigeration or devices that require power. Be sure to register an energy-related medical needs at 1-800-782-2506.
- Store nonperishable foods and water to support your family for a minimum of 48 hours.
- For additional information and real-time updates, please visit libertyutilities.com or follow us on Facebook (@LibertyUtilitiesLT) and Twitter (@LibertyUtil_CA).

If a PSPS is implemented, Liberty will activate Community Resource Centers (CRC) throughout the de-energization event to provide customers with essential resources and an opportunity to speak directly with customer care representatives.



About Liberty

A subsidiary of Algonquin Power & Utilities Corp., Liberty owns and operates regulated water, wastewater, natural gas and electric transmission and distribution utilities to over one million customer connections, largely in the United States and Canada. With a local approach to management, service and support, we deliver efficient, dependable services to meet the needs of our customers. Liberty provides a superior customer experience through walk-in customer centers, locally focused conservation and energy efficiency initiatives, and programs for businesses and residential customers. We measure our performance in terms of service reliability, an enjoyable customer experience, and an unwavering dedication to public and workplace safety. Liberty currently operates in Arizona, Arkansas, California, Georgia, Illinois, Iowa, Kansas, Massachusetts, Missouri, New Hampshire, New York, Oklahoma and Texas in the United States and in New Brunswick, Canada. For more information, please visit www.LibertyUtilities.com.

Liberty's non-regulated generation business owns or has interests in a portfolio contracted wind, solar, hydroelectric, and natural gas powered generating facilities representing approximately 4 GW of installed capacity. As an independent power producer, Liberty delivers stable and growing earnings from a diversified North American portfolio of non-regulated renewable and clean energy powered electric generation facilities; demonstrates a responsible attitude to the environment and the community partners that host its facilities; recognizes that continued development of people is key to success; and provides continuing growth from an expanding pipeline of greenfield renewable power projects and value accretive acquisitions. For more information, please visit www.AlgonquinPower.com.

Forward-Looking Statements

Certain written statements included herein constitute "forward-looking information" within the meaning of applicable securities laws in each of the provinces of Canada and the respective policies, regulations and rules under such laws and "forward-looking statements" within the meaning of the U.S. Private Securities Litigation Reform Act of 1995 (collectively, "forward-looking statements"). The words "will", "expects", "intends", "plans", "should" and similar expressions are often intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. Specific forward-looking statements contained herein include, but are not limited to statements regarding the ongoing strategy and purpose of the Company, including commitment to sustainability and stakeholders; the impact of services on customers and communities; the timing for introduction of the new Liberty brand; sustainability strategy, initiatives, targets and goals, including those related to reducing greenhouse gas emissions, women in leadership and increasing renewable generation; ongoing and planned projects and initiatives including smart meters, net meters, battery storage, and free water-saving devices; biodiversity and conservation initiatives; the outcome and impact of our ongoing Customer First initiative; future growth in earnings; and continued growth and acquisition of renewable energy projects and opportunities. These statements are based on factors or assumptions that were applied in drawing a conclusion or making a forecast or projection, including assumptions based on historical trends, current conditions and expected future developments. Since forward-looking statements relate to future events and conditions, by their nature they rely upon assumptions and involve inherent risks and uncertainties. APUC and Liberty caution that although it is believed that the assumptions are reasonable in the circumstances, actual results may differ materially from the expectations set out in the forward-looking statements. Material risk factors and assumptions include those set out in APUC's most recent annual and interim Management Discussion and Analysis and most recent Annual Information Form, filed with securities regulatory authorities in Canada and the United States. Given these risks, undue reliance should not be placed on these forward-looking statements, which apply only as of their dates. Other than as specifically required by law, neither APUC nor Liberty undertake any obligation to update any forward-looking statements to reflect new information, subsequent or otherwise.

17 Appendix D – Community Resource Centers

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Customer Resource Centers

South Lake Tahoe

South Lake Tahoe Middle School

2940 Lake Tahoe Blvd
South Lake Tahoe, CA 96150

Dates of Operation: 9/19/2021 and 9/20/2021
Hours of operation: 8:00 am - 10:00 pm

Amenities: Bottled water, snacks, device charging, ADA compliant restrooms

*Liberty representative on site

Coleville/Walker

Walker Community Center

442 Mule Deer Drive
Walker, CA 93517

Dates of Operation: 9/19/2021 and 9/20/2021
Hours of operation: 8:00 am - 10:00 pm

Amenities: Bottled water, snacks, device charging, ADA compliant restrooms

*Liberty representative on site

Markleeville

Washoe Community Center

96 Washoe Blvd
Markleeville, CA 96120

Dates of Operation: 9/19/2021 and 9/20/2021
Hours of operation: 8:00 am - 10:00 pm

Amenities: Bottled water, snacks, device charging, ADA compliant restrooms

*Liberty representative on site



Centros de Recursos para Clientes

South Lake Tahoe

En La Escuela - South Lake Tahoe Middle School

2940 Lake Tahoe Blvd
South Lake Tahoe, CA 96150

Fechas de Operación: 9/19/2021 y 9/20/2021

Horas de Operación: 8:00 am - 10:00 pm

Servicios: Agua embotellada, bocadillos, carga para dispositivos electrónicos, baños que cumplen con la ley ADA

*Representante de Liberty en el sitio

Coleville/Walker

En El Centro Comunitario - Walker Community Center

442 Mule Deer Drive
Walker, CA 93517

Fechas de Operación: 9/19/2021 y 9/20/2021

Horas de Operación: 8:00 am - 10:00 pm

Servicios: Agua embotellada, bocadillos, carga para dispositivos electrónicos, baños que cumplen con la ley ADA

*Representante de Liberty en el sitio

Markleeville

En El Centro Comunitario - Washoe Community Center

96 Washoe Blvd
Markleeville, CA 96120

Fechas de Operación: 9/19/2021 y 9/20/2021

Horas de Operación: 8:00 am - 10:00 pm

Servicios: Agua embotellada, bocadillos, carga para dispositivos electrónicos, baños que cumplen con la ley ADA

*Representante de Liberty en el sitio