

- Advance notification of affected customers via social media, calls, texts and emails prior to the de-energization;
- The inadequacy of alternatives to de-energization, such as additional patrols and/or vegetation management work before the predicted event time, or use of a safety and infrastructure protection team to create defensible space;
- The ability to de-scope certain circuits where conditions permitted;
- The ability to sectionalize six circuits to minimize impacts to customers;
- The ability of PG&E to open community assistance centers; and
- The ability of PG&E to pre-stage re-energization teams to restore power to customers as efficiently as possible.

### 3. Time, place, and duration of event

The table below shows each circuit involved in the PSPS event, along with the following for each circuit: whether the areas affected by the de-energization are classified as Zone 1, Tier 2, or Tier 3 communities served; and the date and time<sup>2</sup> when the last customer on the last segment of the circuit was re-energized.

**Table 1.1: Distribution Circuits De-Energized During June 8-9 Event– Amended 2.28.2020**

Circuit	HFTD Tier(s)	Start Date and Time	Key Communities	Restoration Date and Time
BANGOR 1101	TIER 3, TIER 2, PARTIALLY OUTSIDE HFTD	06/08/2019 20:45	MARYSVILLE, BANGOR, OREGON HOUSE, BROWNS VALLEY, RACKERBY, OROVILLE, DOBBINS, BROWNSVILLE, LOMA RICA	06/09/2019 12:32
BUTTE 1105*	TIER 3, TIER 2, PARTIALLY OUTSIDE HFTD	06/08/2019 20:55	CHICO	06/09/2019 13:57
CLARK ROAD 1101	TIER 2, PARTIALLY OUTSIDE HFTD	06/08/2019 21:12	OROVILLE	06/09/2019 10:41
CLARK ROAD 1102	TIER 3, TIER 2, PARTIALLY OUTSIDE HFTD	06/08/2019 21:12	OROVILLE, PARADISE	06/09/2019 13:01
MONTICELLO 1101	TIER 2	06/08/2019 06:18	NAPA, LAKE BERRYESSA, SUISUN CITY	06/08/2019 19:04
NOTRE DAME 1104*	TIER 3, TIER 2, PARTIALLY OUTSIDE HFTD	06/08/2019 20:57	FOREST RANCH, CHICO	06/09/2019 14:42
ORO FINO 1101	TIER 3	06/08/2019 21:04	MAGALIA	06/09/2019 17:20
ORO FINO 1102	TIER 3, TIER 2	06/08/2019 21:04	FOREST RANCH, MAGALIA, BUTTE MEADOWS, STIRLING CITY	06/09/2019 17:44
OROVILLE 0402	NON-HFTD	06/08/2019 21:19	OROVILLE	06/09/2019 09:45

<sup>2</sup> Restoration of circuits takes place in segments. Each segment is patrolled for safety before it is re- energized.

Circuit	HFTD Tier(s)	Start Date and Time	Key Communities	Restoration Date and Time
OROVILLE 0403	NON-HFTD	06/08/2019 21:19	OROVILLE	06/09/2019 09:46
OROVILLE 1101	NON-HFTD	06/08/2019 21:19	OROVILLE	06/09/2019 09:54
OROVILLE 1102	NON-HFTD	06/08/2019 21:19	OROVILLE	06/09/2019 09:51
OROVILLE 1103	NON-HFTD	06/08/2019 21:19	OROVILLE	06/09/2019 09:35
OROVILLE 1104	NON-HFTD	06/08/2019 21:19	OROVILLE	06/09/2019 09:48
PARADISE 1103	TIER 3, TIER 2, PARTIALLY OUTSIDE HFTD	06/08/2019 20:43	PARADISE	06/09/2019 13:52
PARADISE 1104	TIER 3, TIER 2, PARTIALLY OUTSIDE HFTD	06/08/2019 20:53	PARADISE	06/09/2019 14:40
PUTAH CREEK 1102*	TIER 2, PARTIALLY OUTSIDE HFTD	06/08/2019 06:18	WINTERS, VACAVILLE	06/08/2019 18:04
WYANDOTTE 1102	NON-HFTD	06/08/2019 21:19	OROVILLE	06/09/2019 09:40
WYANDOTTE 1103*	TIER 3, TIER 2, PARTIALLY OUTSIDE HFTD	06/08/2019 20:47	OROVILLE, BERRY CREEK	06/09/2019 13:19
WYANDOTTE 1106*	TIER 2, PARTIALLY OUTSIDE HFTD	06/08/2019 20:50	OROVILLE	06/09/2019 09:58
WYANDOTTE 1107*	TIER 3, TIER 2, PARTIALLY OUTSIDE HFTD	06/08/2019 20:43	OROVILLE	06/09/2019 15:43
WYANDOTTE 1109*	TIER 2, PARTIALLY OUTSIDE HFTD	06/08/2019 20:53	OROVILLE, PALERMO	06/09/2019 16:33

\*Circuits marked with a single asterisk had only certain higher risk sections de-energized rather than the whole circuit.

\*\*De-energized transmission lines passing through High Fire Threat District (HFTD) areas marked with two asterisks in Table 1 resulted in outages to distribution substations (Oro Fino, Clark Road, Oroville and Bangor). In some instances, this resulted in PSPS impacts to distribution circuits and customers outside HFTD areas.

**Table 1.2: Transmission Circuits De-Energized During June 8-9 Event– Amended 2.28.2020**

Circuit	HFTD Tier(s)	Start Date and Time	Key Communities	Restoration Date and Time
CENTERVILLE-TABLE MTN-OROVILLE 60KV LINE**	TIER 2, TIER 3, PARTIALLY OUTSIDE HFTD	6/8/2019 21:13	TRANSMISSION LINE	6/9/2019 9:22
CENTERVILLE-TABLE MTN 60KV LINE**	TIER 2, TIER 3, PARTIALLY OUTSIDE	6/8/2019 21:09	TRANSMISSION LINE	6/9/2019 10:15

Circuit	HFTD Tier(s)	Start Date and Time	Key Communities	Restoration Date and Time
	HFTD			
COLGATE-PALERMO 60KV LINE**	TIER 2, PARTIALLY OUTSIDE HFTD	6/9/2019 01:11	TRANSMISSION LINE	6/9/2019 13:09
DESABLA - CENTERVILLE 60KV LINE	TIER 3	6/8/2019 21:04	TRANSMISSION LINE	6/9/2019 9:43
FORKS OF THE BUTTE 60KV TAP**	TIER 3	6/8/2019 21:04	TRANSMISSION LINE	6/9/2019 9:43
PALERMO-OROVILLE #1 60KV LINE**	TIER 2, PARTIALLY OUTSIDE HFTD	6/8/2019 21:19	TRANSMISSION LINE	6/9/2019 9:06
PALERMO-OROVILLE #2 60KV LINE**	TIER 2, PARTIALLY OUTSIDE HFTD	6/8/2019 21:19	TRANSMISSION LINE	6/9/2019 9:38
ORO FINO 60KV TAP**	TIER 3	6/8/2019 21:04	TRANSMISSION LINE	6/9/2019 9:43

#### 4. Customers impacted

There were approximately 22,000 customers whose power was turned off for some period of time during the PSPS event. The table below shows each circuit involved, the total number of customers on each circuit, and the number of customers on each circuit by type.

**Table 2.1 – Details of distribution customers impacted by circuit – Amended 2.28.2020**

Circuit	Total Number Out	Residential	Commercial / Industrial	Medical Baseline <sup>3</sup>	Other
BANGOR 1101	2,290	2,021	231	150	38
BUTTE 1105	190	173	15	8	2
CLARK ROAD 1101	13	0	13	0	0
CLARK ROAD 1102 <sup>4</sup>	1,039	902	116	61	21
MONTICELLO 1101	1,330	1,097	187	50	46
NOTRE DAME 1104	223	190	30	6	3
ORO FINO 1101	2,281	2,208	71	221	2
ORO FINO 1102	1,950	1,813	125	100	12

<sup>3</sup> Medical baseline customer counts overlap with residential and commercial/industrial counts; total equals sum of residential, commercial/industrial and other.

<sup>4</sup> One Customer on Clark Road 1102 was incorrectly mapped to Loyola 1102 and is included in the Clark Road 1102 count.

Circuit	Total Number Out	Residential	Commercial / Industrial	Medical Baseline <sup>3</sup>	Other
OROVILLE 0402	355	203	152	9	0
OROVILLE 0403	245	211	33	12	1
OROVILLE 1101	2,443	2,103	326	201	14
OROVILLE 1102	651	427	224	44	0
OROVILLE 1103	510	471	38	48	1
OROVILLE 1104	1,269	1,150	119	93	0
PARADISE 1103	737	518	218	28	1
PARADISE 1104	670	566	104	40	0
PUTAH CREEK 1102	276	201	50	9	25
WYANDOTTE 1102	146	72	63	5	11
WYANDOTTE 1103	1,602	1,466	127	118	9
WYANDOTTE 1106	164	135	12	12	17
WYANDOTTE 1107	1,912	1,785	102	144	25
WYANDOTTE 1109	2,171	1,933	204	212	34
<b>Total</b>	<b>22,467</b>	<b>19,645</b>	<b>2,560</b>	<b>1,571</b>	<b>262</b>

**Table 2.2 – Details of transmission customers impacted by circuit**

Circuit	Total Number Out	Residential	Commercial / Industrial	Medical Baseline <sup>5</sup>	Other
CENTERVILLE-TABLE MTN-OROVILLE 60KV LINE	-	-	-	-	-
CENTERVILLE-TABLE MTN 60KV LINE	1	-	1	-	-
COLGATE-PALERMO 60KV LINE	-	-	-	-	-
DESABLA -	1	-	1	-	-

<sup>5</sup> Medical baseline customer counts overlap with residential and commercial/industrial counts; total equals sum of residential, commercial/industrial and other.