

## Communications Status Report for Areas Impacted by California Public Safety Power Shutoffs October 31, 2019

The following is a report on the status of communications services in geographic areas impacted by the power shutoffs as of October 31, 2019 at 11:30 a.m. EDT. This report incorporates network outage data submitted by communications providers to the Federal Communications Commission's Disaster Information Reporting System (DIRS). DIRS is currently activated for 37 affected counties in California. Note that the operational status of communications services during the power shutoffs may evolve rapidly, and this report represents a snapshot in time.

The following counties are in the current geographic area that is part of DIRS.

**California:** Alpine, Alameda, Amador, Butte, Calaveras, Contra Costa, El Dorado, Glenn, Humboldt, Kern, Lake, Los Angeles, Marin, Mendocino, Napa, Nevada, Orange, Placer, Plumas, Riverside, San Bernardino, San Diego, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Tehama, Trinity, Tuolumne, Ventura, Yolo, and Yuba.



### 911 Services

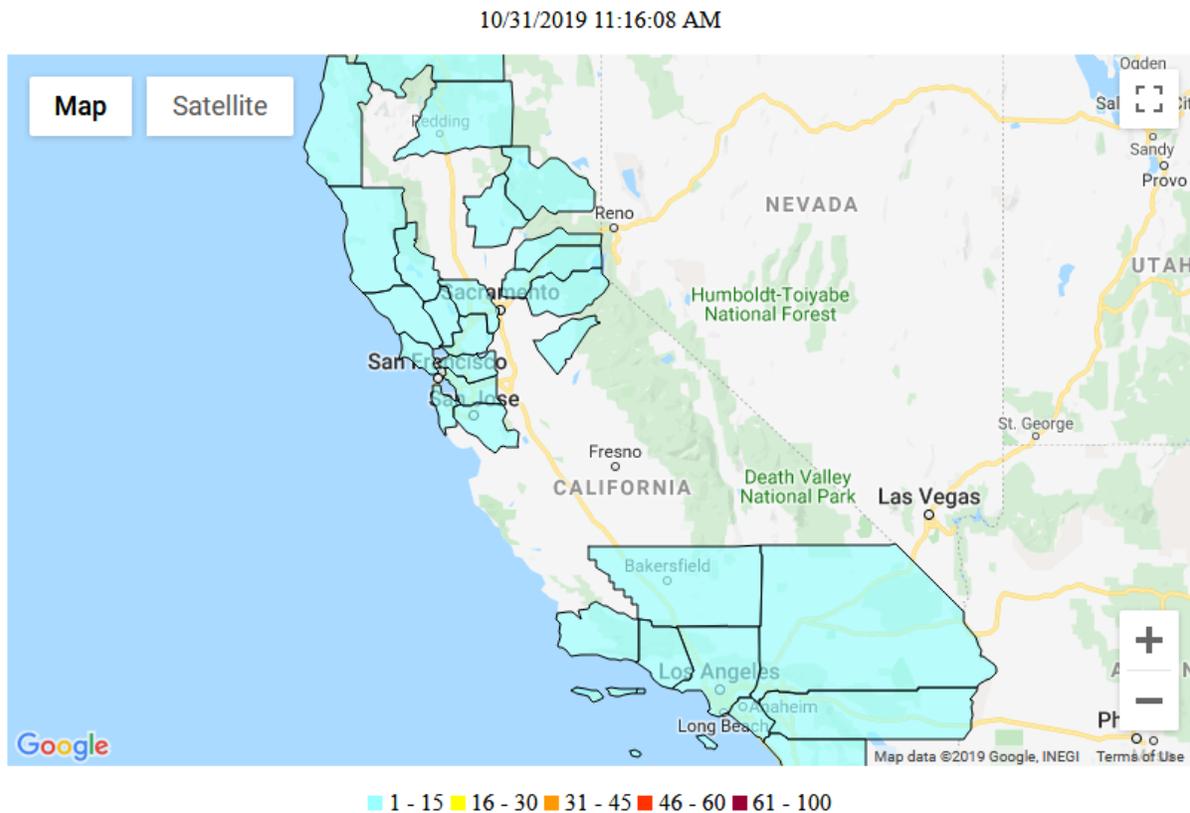
The Public Safety and Homeland Security Bureau (PSHSB) learns the status of each Public Safety Answering Point (PSAP) through the filings of 911 Service Providers in DIRS, reporting to the FCC’s Public Safety Support Center, coordination with state 911 Administrators and, if necessary, direct contact with individual PSAPs.

911 calls to Fairfax Police Department, CA have been rerouted to another PSAP with location information.

### Wireless Services

The following section describes the status of wireless communications services and restoration in the affected area, including the percentage of cell sites out of service for each county.

## Percent Cell Sites Out-of-Service By County



The following tables provide cell sites out of service by county. The information shown was provided by the signatories to the Wireless Network Resiliency Framework Cooperative Agreement.

**California:**

Cell sites out of service due to the power shutoffs: 0.9%

State	Affected Counties	Cell Sites Served	Cell Sites Out	Percent Out	Cell Sites Out Due to Damage	Cell Sites Out Due to Transport <sup>1</sup>	Cell Sites Out Due to Power
CA	ALAMEDA	1,367	7	0.5%	2	0	5
CA	ALPINE	8	0	0.0%	0	0	0
CA	AMADOR	40	0	0.0%	0	0	0
CA	BUTTE	174	2	1.1%	0	1	1
CA	CALAVERAS	43	1	2.3%	0	0	1
CA	CONTRA COSTA	924	4	0.4%	0	1	4
CA	EL DORADO	254	7	2.8%	0	0	7
CA	GLENN	33	0	0.0%	0	0	0
CA	HUMBOLDT	188	2	1.1%	0	0	2
CA	KERN	693	17	2.5%	1	4	9
CA	LAKE	54	6	11.1%	0	0	6
CA	LOS ANGELES	8,700	45	0.5%	2	10	26
CA	MARIN	268	7	2.6%	3	0	3
CA	MENDOCINO	108	2	1.9%	0	1	1
CA	NAPA	127	4	3.1%	0	0	3
CA	NEVADA	123	4	3.3%	0	2	2
CA	ORANGE	2,967	2	0.1%	1	0	1
CA	PLACER	425	17	4.0%	1	4	11
CA	PLUMAS	25	2	8.0%	0	1	1

<sup>1</sup> These are cell sites that are out due to issues with the (typically wireline) networks that route communications traffic to and from the cell sites.

CA	RIVERSIDE	2,059	4	0.2%	1	1	2
CA	SAN BERNARDINO	2,154	5	0.2%	2	1	2
CA	SAN DIEGO	3,930	42	1.1%	6	5	26
CA	SAN MATEO	830	9	1.1%	4	2	4
CA	SANTA BARBARA	335	2	0.6%	0	1	1
CA	SANTA CLARA	1,893	4	0.2%	1	2	1
CA	SANTA CRUZ	212	0	0.0%	0	0	1
CA	SHASTA	140	6	4.3%	0	2	4
CA	SIERRA	0	0	N/A	0	0	0
CA	SISKIYOU	258	1	0.4%	0	1	0
CA	SOLANO	339	11	3.2%	0	3	9
CA	SONOMA	422	26	6.2%	0	1	24
CA	TEHAMA	61	0	0.0%	0	0	0
CA	TRINITY	14	0	0.0%	0	0	0
CA	TUOLUMNE	34	0	0.0%	0	0	0
CA	VENTURA	677	18	2.7%	0	1	14
CA	YOLO	193	6	3.1%	1	5	0
CA	YUBA	62	0	0.0%	0	0	0
<b>TOTAL</b>		<b>30,134</b>	<b>263</b>	<b>0.9%</b>	<b>25</b>	<b>49</b>	<b>171</b>

The number of cell site outages in a specific area does not necessarily correspond to the availability of wireless service to consumers in that area. See Improving the Resiliency of Mobile Wireless Communications Networks, Order, 31 FCC Rcd 13745, para. 10 (2016) (recognizing the difficulties in accurately depicting the ongoing status of a wireless provider's service during emergencies). Wireless networks are often designed with numerous, overlapping cell sites; accordingly, there may be continuity of service even when an individual site is inoperable. In addition, wireless providers frequently use temporary facilities such as cells-on-wheels (also known as COWs), increased power at operational sites, roaming agreements, or take other actions to maintain service to affected consumers during emergencies or other events that result in cell site outages.

#### **Cable Systems and Wireline (Combined)**

Cable and wireline companies reported 117,577 subscribers out of service due to the power shutoffs; this may include the loss of telephone, television, and/or Internet services.

## Broadcast

### Television stations status:

29 TV stations reported being operational.

(K40JV-D, K51LK-D, KCAL-DT, KCBS-DT, KDTV-CD, KFMB-TV, KGET-TV, KKPM-CD, KCRM-LD, KNBC, KNSD, KQRO-LD, KQSL, KQSL-LD, KRCA, KRON-TV, KSDX-LD, KSWB-TV, KTLA, KTXL, KUAN-LD, KURK-LD, KUSI-TV, KUSI-TV, KUVS, KUVS-DT, KUVS-DT, KVEA, KYUB-LD)

No TV stations reported being out of service.

2 TV stations reported being out of service with programming sent to another station.  
(KRDT-CD, KUKR-LD)

### FM Radio stations status:

61 FM radio stations reported being operational.

(K205BN, K221DQ, K225AU, K238AF, K255CN, K256DA, K264AL, K265CV, K270BE, K290CJ, KAMP-FM, KAWJ, KBAY, KBBL, KBUA, KBUE, KBZT, KCAI, KCBS-FM, KDFC, KEBN, KEZR, KFBK-FM, KFMB-FM, KFRB, KHYL, KISQ, KJZY, KKDV, KKIQ, KKLJ, KKRO, KLVY, KMSJ-LP, KMVS, KNVE, KOSC, KPJP, KPRI, KRJK, KROQ-FM, KRQB, KRTH, KSDW, KSON, KTWV, KUIC, KUZZ, KVIP-FM, KVMR, KWFN, KWIZ, KWMR, KWTH, KWVE-FM, KWVF, KXSN, KYKL, KYXY, KZFX, KZST)

8 FM radio stations reported being out of service.

(K236AW, K245AI, K276EK, K285FE, KHAP, KNOB, KPRA, KRDG)

3 FM radio stations reported being out of service with programming sent to another station.

(KRSH, KSXY, KXTS)

### AM Radio stations status:

10 AM radio station reported being operational.

(KEAR, KECR, KFMB, KFRN, KIHG, KLAA, KNX, KVIP, KVNR, KYAA)

No AM radio stations reported being out of service.