

OE-417 Electric Emergency and Disturbance Report - Calendar Year 2021

Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
February	02/01/2021	11:25 PM	02/02/2021	1:12 AM	Texas: Kleberg County;	TRE	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Transmission Interruption	13	6102
February	02/07/2021	6:57 AM	02/07/2021	7:34 AM	Texas: Cameron County;	TRE	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
February	02/10/2021	3:00 PM	02/23/2021	3:00 PM	Texas:	TRE	Loss of electric service to more than 50,000 customers for 1 hour or more.	Severe Weather	Unknown	2000000
February	02/12/2021	3:30 PM	02/22/2021	7:30 AM	Texas:	TRE	Fuel supply emergencies that could impact electric power system adequacy or reliability.	Fuel Supply Deficiency	Unknown	Unknown
February	02/13/2021	1:30 PM	02/20/2021	8:00 AM	Texas:	TRE	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System.	Severe Weather	Unknown	Unknown
February	02/14/2021	8:30 AM	02/19/2021	6:00 PM	Texas:	TRE	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System.	Severe Weather	7214	Unknown
February	02/14/2021	8:30 AM	02/19/2021	6:00 PM	Texas:	TRE	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System.	Severe Weather	Unknown	Unknown
February	02/15/2021	1:20 AM	02/18/2021	12:42 AM	Texas: Hidalgo County, Cameron County;	TRE	Firm load shedding of 100 Megawatts or more implemented under emergency operational policy.	Severe Weather	Unknown	Unknown
February	02/15/2021	1:20 AM	02/18/2021	12:02 AM	Texas: Harris County;	TRE	Firm load shedding of 100 Megawatts or more implemented under emergency operational policy.	Severe Weather	4966	1390000
February	02/15/2021	4:00 PM	02/15/2021	6:34 PM	Texas: Travis County;	TRE	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0

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February	02/15/2021	12:00 AM	Unknown	Unknown	Texas:	TRE	Firm load shedding of 100 Megawatts or more implemented under emergency operational policy.	Severe Weather	500	Unknown
February	02/15/2021	5:36 AM	Unknown	Unknown	Texas:	TRE	Firm load shedding of 100 Megawatts or more implemented under emergency operational policy.	Severe Weather	300	Unknown
February	02/15/2021	1:00 PM	02/20/2021	10:00 AM	Texas:	TRE	Firm load shedding of 100 Megawatts or more implemented under emergency operational policy.	Severe Weather	Unknown	175000
February	02/15/2021	1:54 AM	02/17/2021	11:56 PM	Texas:	TRE	Firm load shedding of 100 Megawatts or more implemented under emergency operational policy.	Severe Weather	524	Unknown
February	02/15/2021	1:20 AM	02/19/2021	9:00 AM	Texas:	TRE	Firm load shedding of 100 Megawatts or more implemented under emergency operational policy.	Severe Weather	7214	Unknown
February	02/15/2021	2:51 AM	02/19/2021	9:00 AM	Texas: Travis County;	TRE	Loss of electric service to more than 50,000 customers for 1 hour or more.	Severe Weather	Unknown	219306
February	02/15/2021	1:54 AM	02/19/2021	9:00 AM	Texas: Travis County;	TRE	Firm load shedding of 100 Megawatts or more implemented under emergency operational policy.	Severe Weather	724	Unknown
February	02/15/2021	3:06 AM	Unknown	Unknown	Texas: Bexar County;	TRE	Loss of electric service to more than 50,000 customers for 1 hour or more.	Severe Weather	Unknown	154000
February	02/15/2021	5:27 AM	02/18/2021	8:18 AM	Texas:	TRE	Total generation loss, within one minute of: greater than or equal to 2,000 Megawatts in the Eastern or Western Interconnection or greater than or equal to 1,400 Megawatts in the ERCOT Interconnection.	Severe Weather	Unknown	Unknown
February	02/15/2021	1:23 AM	02/19/2021	5:30 AM	Texas:	TRE	Firm load shedding of 100 Megawatts or more implemented under emergency operational policy.	Severe Weather	Unknown	Unknown

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February	02/15/2021	10:24 AM	02/18/2021	9:52 AM	Texas: Lubbock County;	TRE	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System.	Severe Weather	116	29942
February	02/15/2021	6:00 PM	02/15/2021	11:55 PM	Texas:	TRE	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System.	Severe Weather	Unknown	Unknown
February	02/15/2021	5:40 AM	02/16/2021	1:11 PM	Texas:	TRE	Firm load shedding of 100 Megawatts or more implemented under emergency operational policy.	Severe Weather	800	Unknown
February	02/15/2021	6:45 AM	Unknown	Unknown	Texas: Arkansas:	TRE	Loss of electric service to more than 50,000 customers for 1 hour or more.	Severe Weather	Unknown	Unknown
February	02/15/2021	7:52 AM	02/17/2021	2:15 PM	Texas: Austin County, Bastrop County, Burleson County, Caldwell County, Colorado County, Fayette County, Gonzales County, Guadalupe County, Hays County, Lee County, Milam County, Travis County, Washington County, Williamson County;	TRE	Firm load shedding of 100 Megawatts or more implemented under emergency operational policy.	Severe Weather	107	25000
February	02/15/2021	6:00 PM	02/15/2021	11:59 PM	Texas:	TRE	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System.	Severe Weather	Unknown	Unknown
February	02/15/2021	1:20 AM	Unknown	Unknown	Texas:	TRE	Loss of electric service to more than 50,000 customers for 1 hour or more.	Severe Weather	360	72000
February	02/15/2021	9:10 AM	Unknown	Unknown	Texas: Randall County;	TRE	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System.	Severe Weather	0	0
February	02/15/2021	5:36 AM	Unknown	Unknown	Texas:	TRE	Firm load shedding of 100 Megawatts or more implemented under emergency operational policy.	Severe Weather	300	Unknown

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February	02/15/2021	12:00 AM	Unknown	Unknown	Texas:	TRE	Firm load shedding of 100 Megawatts or more implemented under emergency operational policy.	Severe Weather	500	Unknown
February	02/16/2021	5:45 PM	02/16/2021	7:15 PM	Texas: Travis County;	TRE	Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.	System Operations	0	0
February	02/16/2021	6:35 PM	02/17/2021	1:00 AM	Texas:	TRE	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System.	Fuel Supply Deficiency	Unknown	Unknown
February	02/16/2021	11:28 PM	Unknown	Unknown	Texas:	TRE	Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.	System Operations	0	0
February	02/16/2021	7:40 PM	02/17/2021	1:00 AM	Texas:	TRE	Firm load shedding of 100 Megawatts or more implemented under emergency operational policy.	Severe Weather	538	Unknown
February	02/16/2021	7:17 AM	02/16/2021	10:08 AM	Texas:	TRE	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System.	Severe Weather	168	840000
February	02/16/2021	4:26 AM	Unknown	Unknown	Texas:	TRE	Firm load shedding of 100 Megawatts or more implemented under emergency operational policy.	Severe Weather	300	Unknown
February	02/17/2021	6:00 PM	02/17/2021	11:00 PM	Texas:	TRE	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System.	Severe Weather	Unknown	Unknown
February	02/17/2021	6:38 AM	02/17/2021	8:37 AM	Texas: Travis County;	TRE	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
February	02/19/2021	9:00 PM	02/20/2021	1:00 PM	Texas:	TRE	Cyber event that causes interruptions of electrical system operations.	Cyber Event	Unknown	0
February	02/28/2021	12:42 PM	02/28/2021	1:22 PM	Texas:	TRE	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0