

Data - TRF Power Outages

Humboldt Bay Municipal Water District TRF Power outage list

Date and Time power lost		Date and time power restored		Duration (HRS)	Duration-5HRS ³ (DAYS)	AFTER Mit (5%) ⁴ (DAYS)	Cause
Date	Time	Date	Time				
11/29/2012	0:35	11/29/2012	11:30	11.00	0.25	0.01	Power outage, utility line damage due to storm
2/2/2014	1:41	2/2/2014	15:00	13.30	0.35	0.02	power outage, fallen tree damaged utility line
12/10/2015	0:07	12/10/2015	6:05	6.00	0.04	0.0021	Power outage, no specific description of cause
10/17/2018	20:10	10/18/18	13:00	17.00	0.50	0.03	power outage, fallen tree damaged utility line
9/29/2018	12:05	9/29/18	20:05	8.00	0.13	0.01	power outage due to damaged power lines on Janes Creek Circuit
2/10/2019	0:20	2/11/19	11:20	35.00	1.25	0.06	power outage, fallen tree damaged utility line
10/9/2019	1:00	10/10/19	5:00	28.00	0.96	0.05	PG&E PSPS event
10/26/2019	14:45	10/28/19	18:45	52.00	1.96	0.10	PG&E PSPS event
11/26/2019	17:55	11/29/19	19:00	73.00	2.83	0.14	power outage, fallen tree damaged utility line

Notes:

1. Power bumps and power outages of 5 hours or less were not included
2. All of these power outages were long enough to affect filter backwash needs and therefore, treatment
3. Inputs to the Historical Damages before Mitigation in the BCA model
4. Inputs into the Expected Damages after Mitigation in the BCA model