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Retain Diablo Canyon Power Plant

I strongly urge the CA energy Commission to fully support the continued operation of Diablo Canyon Nuclear Power Plant for as long as the NRC says that it is safe to do so. This power plant generates over 2,000MW of safe, carbon-free electricity that is unaffected by weather, daylight or the price and supply of natural gas. For comparison, I have attached charts produced from publicly-available CAISO data that show the wind and solar capacity factors during 2021. The wind page shows the inherently unreliability of wind power. The solar page shows that although solar is more consistent, it still produces less than 10% of its rated power 55% of the year. California needs the reliable, consistent power output of Diablo Canyon Nuclear Power Plant.

Additional submitted attachment is included below.

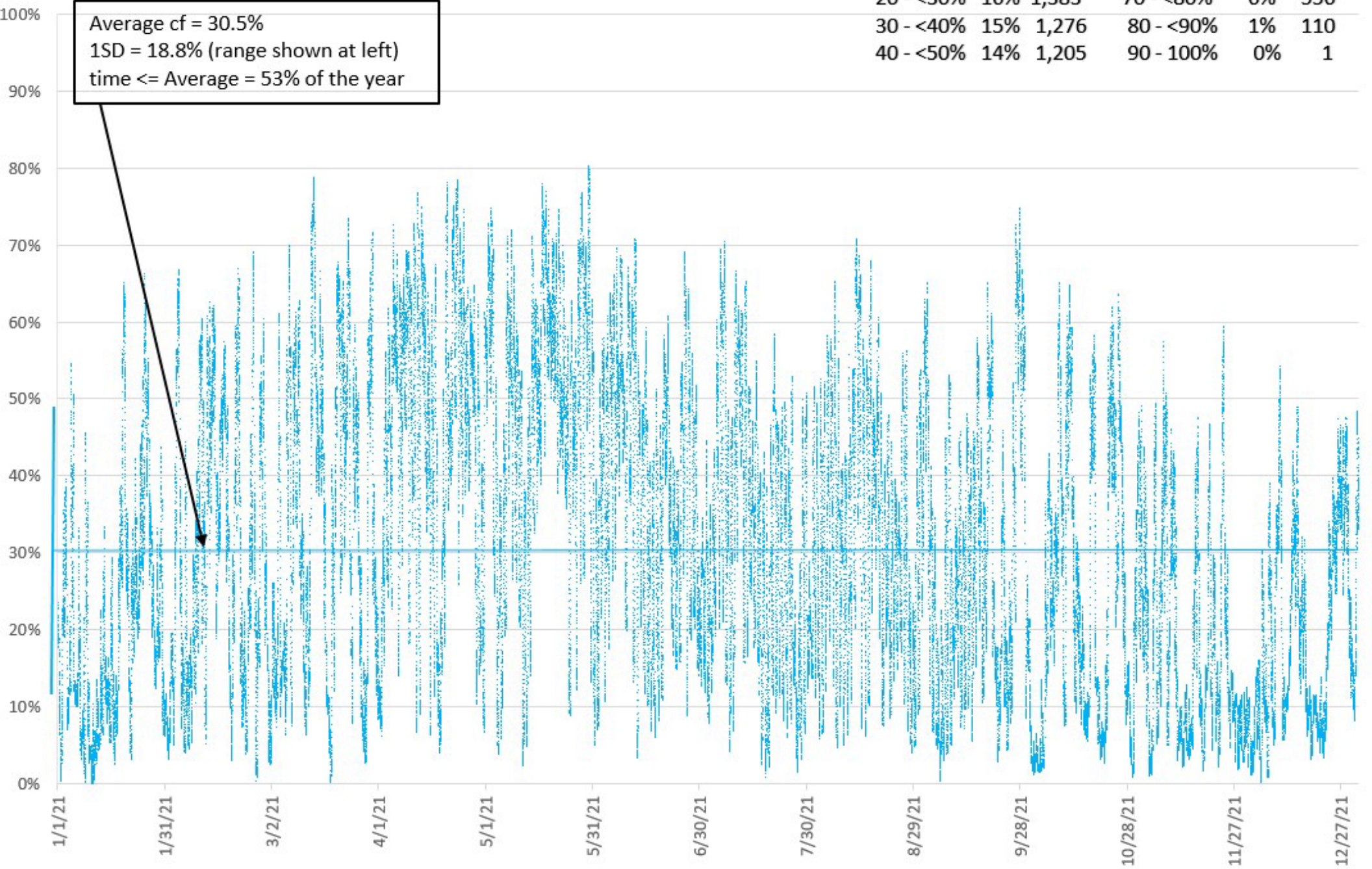
California ISO Wind (7,144MW avg capacity) 2021 cf

w/ Curtailment included (78.6 GWh, 0.4% of total output)

Average cf = 30.5%
1SD = 18.8% (range shown at left)
time <= Average = 53% of the year

Time at cf ranges over the year

0 - <10%	16%	1,411 hrs	50 - <60%	12%	1,016 hrs
10 - <20%	21%	1,801	60 - <70%	9%	825
20 - <30%	16%	1,383	70 - <80%	6%	556
30 - <40%	15%	1,276	80 - <90%	1%	110
40 - <50%	14%	1,205	90 - 100%	0%	1



California ISO Solar (14,406MW average capacity) 2021 cf

w/ curtailment added-in (1,426.3 GWh, 4.2% of total output)

Average cf = 28.2%
1SD = 34.2% (range shown at left)
time <= Average = 60% of the year

Time at cf ranges over the year

0 - <10%	55%	4,823 hrs	50 - <60%	5%	435 hrs
10 - <20%	3%	246	60 - <70%	7%	617
20 - <30%	3%	246	70 - <80%	9%	784
30 - <40%	3%	258	80 - <90%	10%	838
40 - <50%	4%	319	90 - 100%	2%	195