



KENTUCKY MUNICIPAL ENERGY AGENCY



June 2021 Market Report

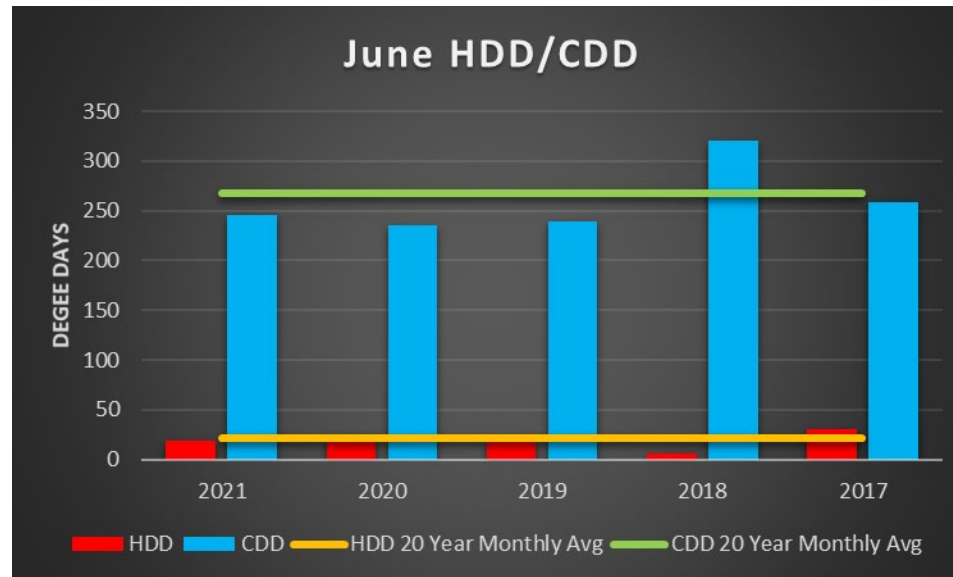
Rob Leesman

July 21, 2021

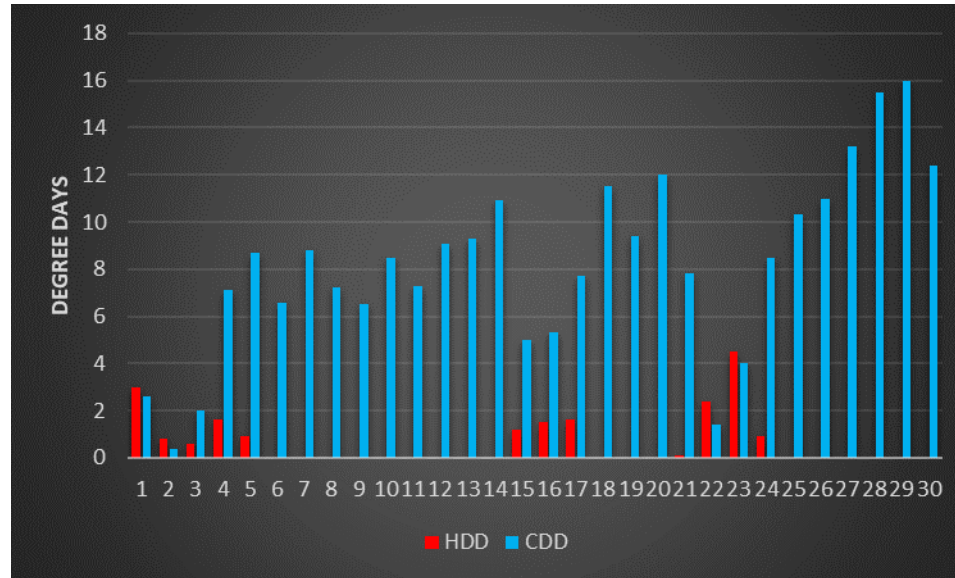
June 2021
Period: 1895–2021



Degree Days



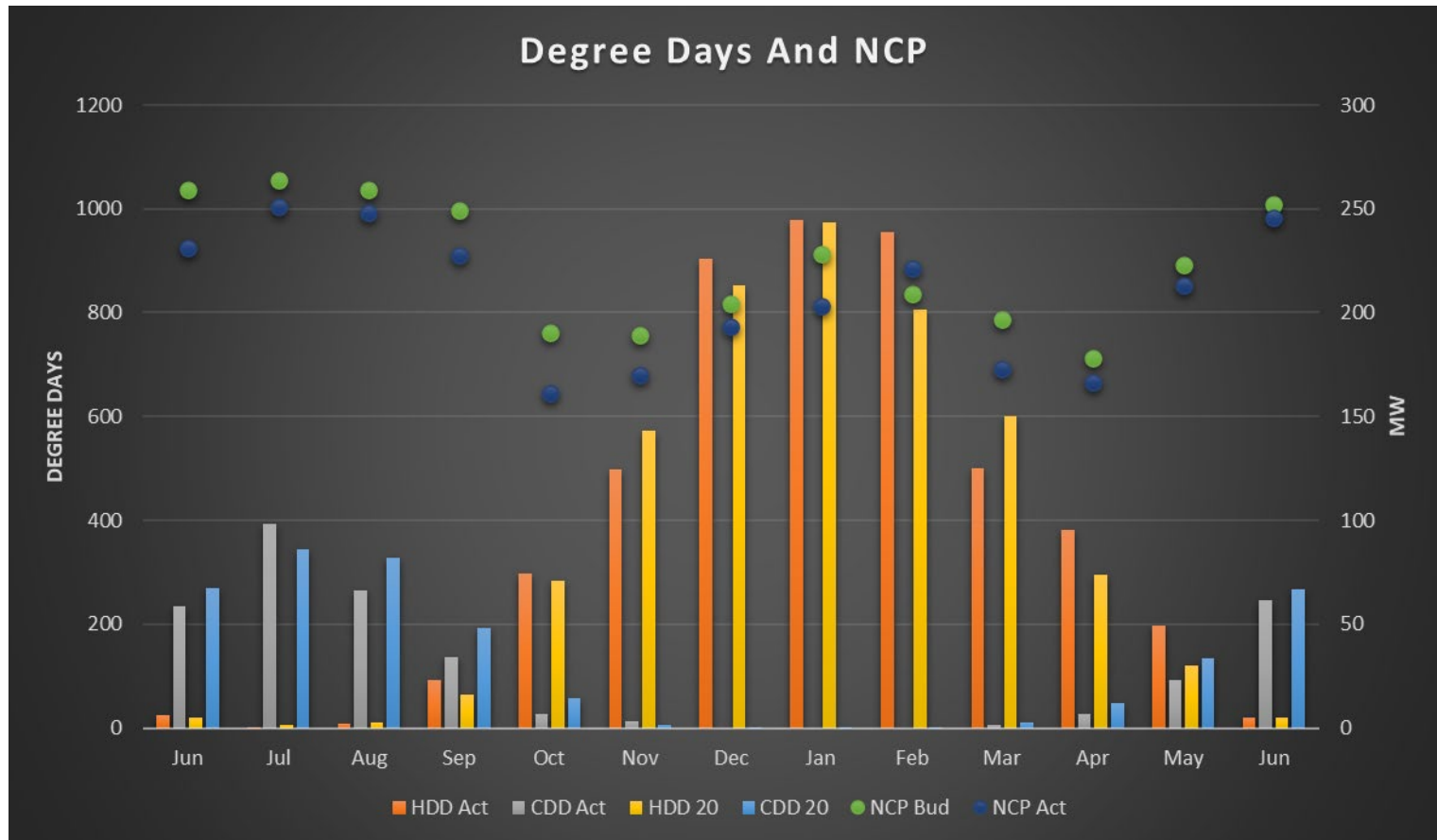
Degree Days



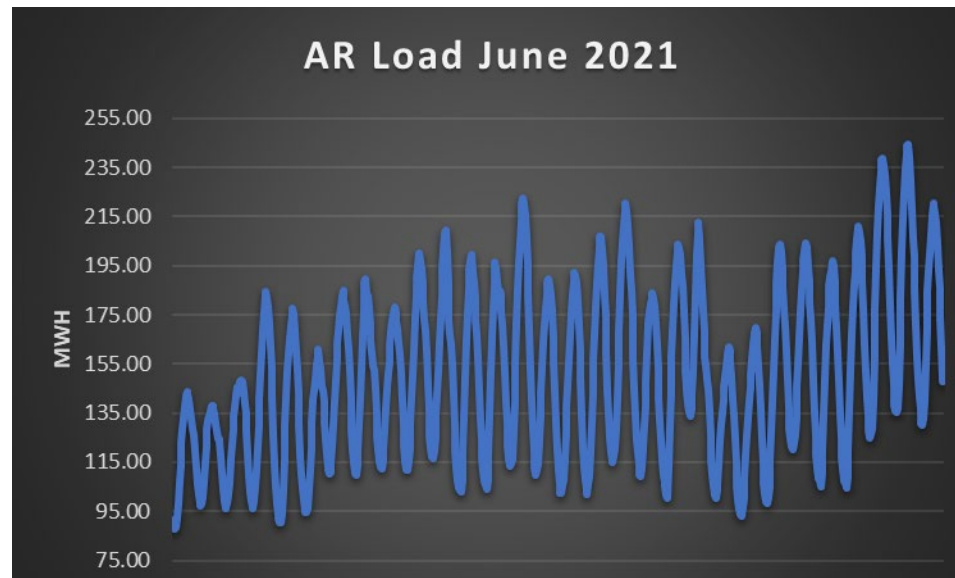
How can there be HDDs and CDDs on the same day?

- Provider utilizes an Integration Method, which accounts for temperature variations each day.
- If the high temperature in a given day is 85° and the low temperature is 45°, the basic HDD/CDD calculation would result in 0. However, there is a high probability that a building would require heating during the low nighttime temperatures and would require cooling during the high afternoon temperatures.

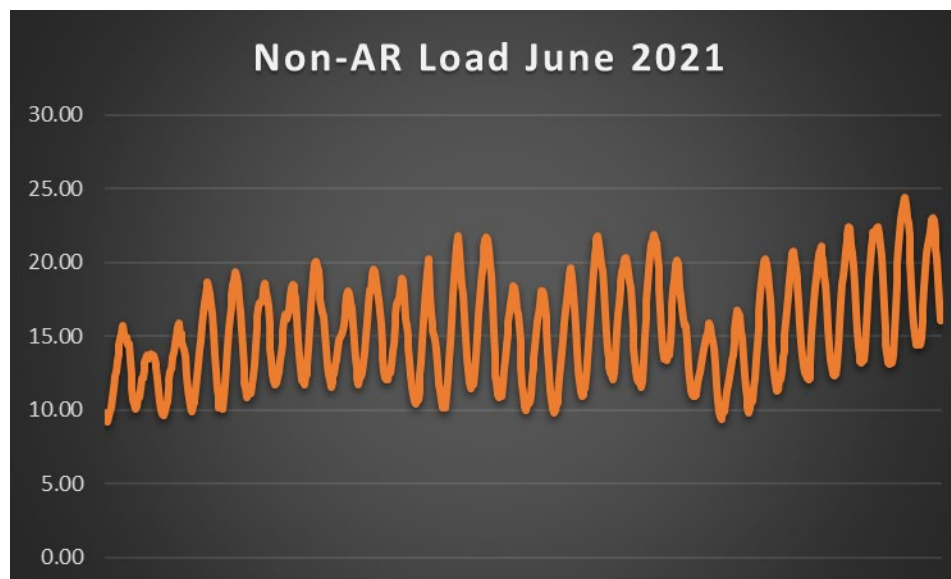
Degree Days



AR Load June 2021



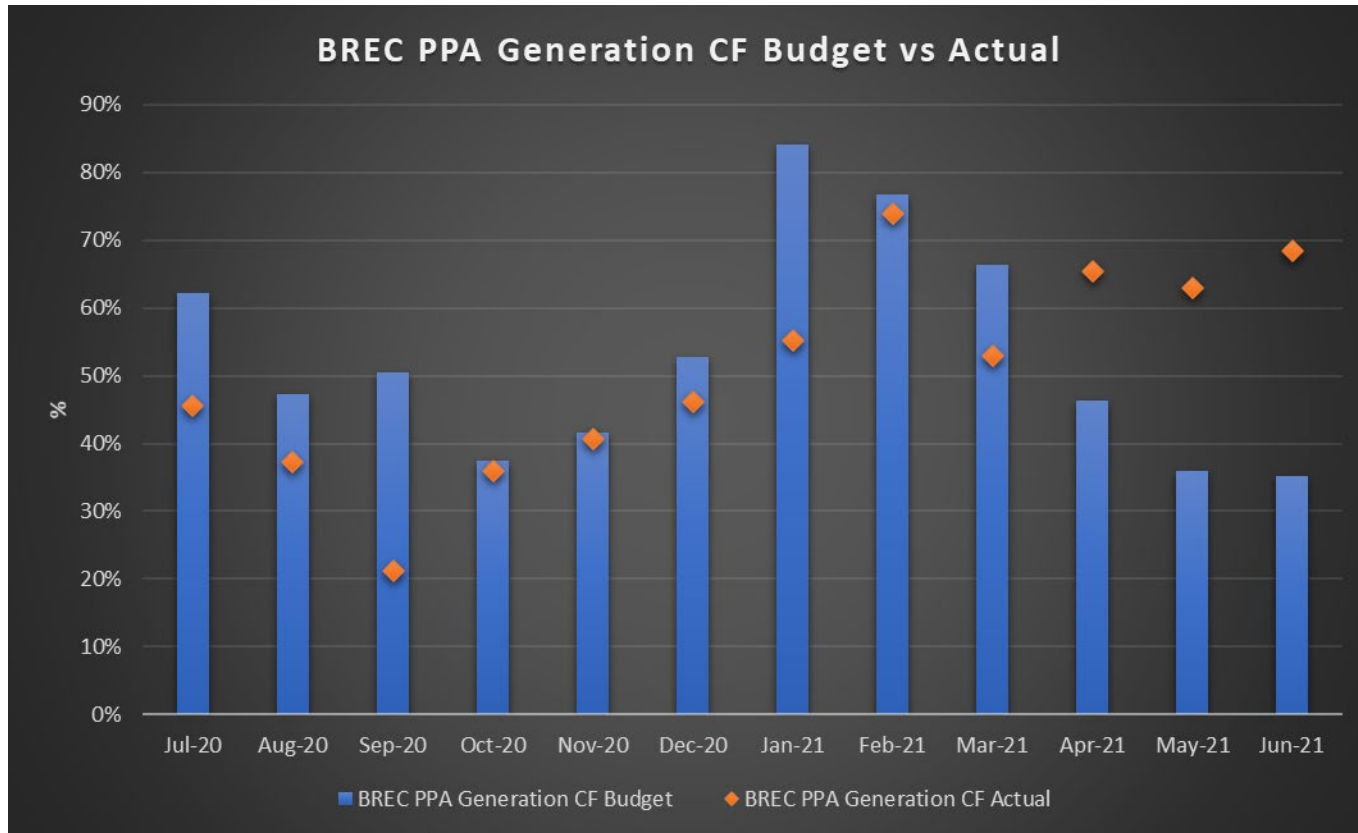
Non-AR Load June 2021



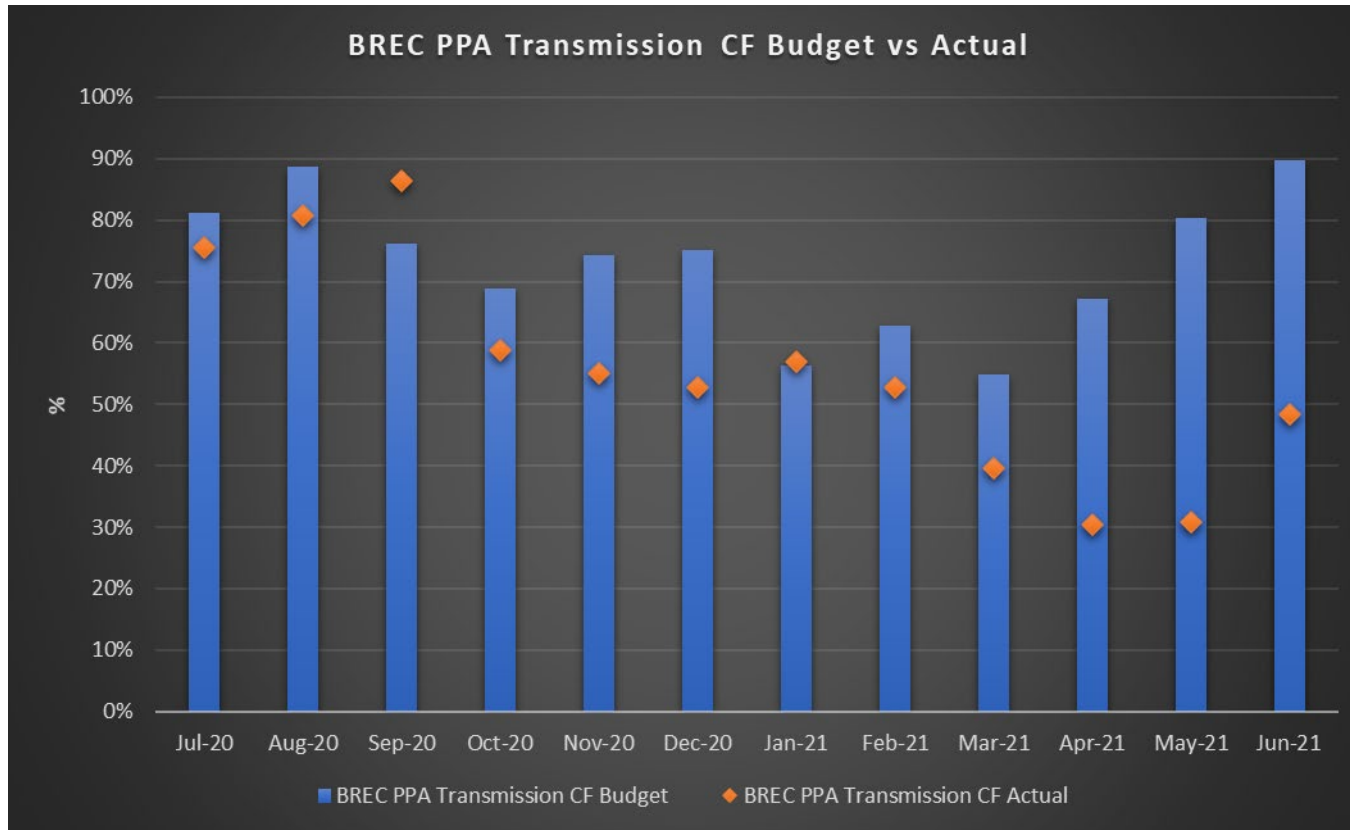
June 2021 Snapshot

Jun-21							
Member	Budget Energy (MWh)	Actual Energy (MWh)	Actual vs. Budget Energy	Budget NCP (MW)	Actual NCP (MW)	Actual vs. Budget NCP	Timestamp (HE EST)
Barbourville	7,616	7,456	98%	17.72	18.00	102%	6/29/2021 4:00 PM
Bardwell	854	847	99%	2.01	2.03	101%	6/29/2021 5:00 PM
Benham	377	370	98%	0.90	0.98	109%	6/29/2021 5:00 PM
Berea	10,969	10,633	97%	23.86	23.42	98%	6/29/2021 5:00 PM
Corbin	7,778	7,387	95%	18.49	18.15	98%	6/29/2021 4:00 PM
Falmouth	1,708	1,694	99%	4.12	4.17	101%	6/29/2021 4:00 PM
Frankfort	62,935	57,754	92%	135.15	127.82	95%	6/29/2021 3:00 PM
Madisonville	27,851	25,436	91%	57.39	54.79	95%	6/29/2021 4:00 PM
Owensboro	70,306	79,949	114%	164.00	176.00	107%	
Paris	4,934	5,770	117%	11.65	15.64	134%	6/29/2021 5:00 PM
Providence	2,504	2,850	114%	5.79	6.51	113%	6/28/2021 4:00 PM
AR	116,180	109,194	94%	252.30	247.11	98%	
Non-AR	11,347	11,003	97%	24.76	24.39	99%	
All	127,526	120,197	94%	277.06	271.51	98%	
Total	197,832	200,146	101%	441.06	447.51	101%	

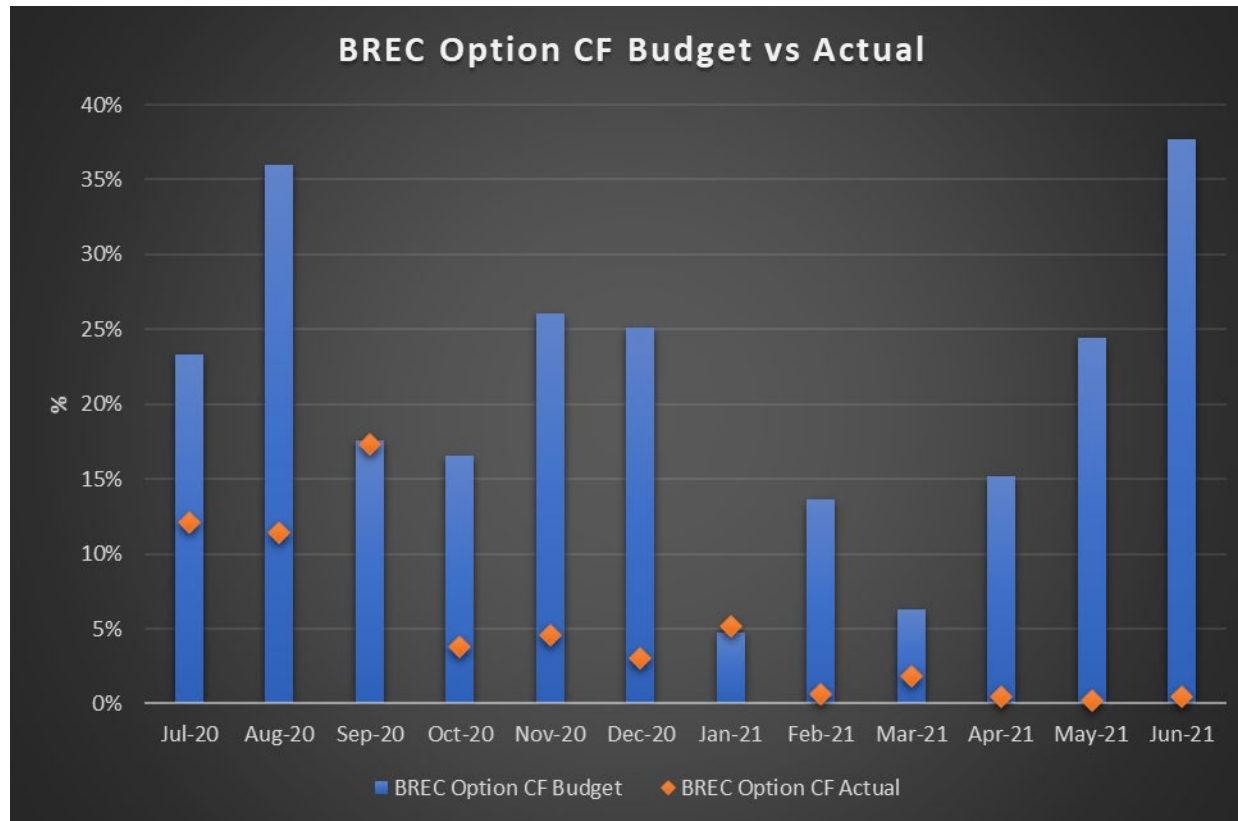
BREC Gen PPA Capacity Factor FY 21



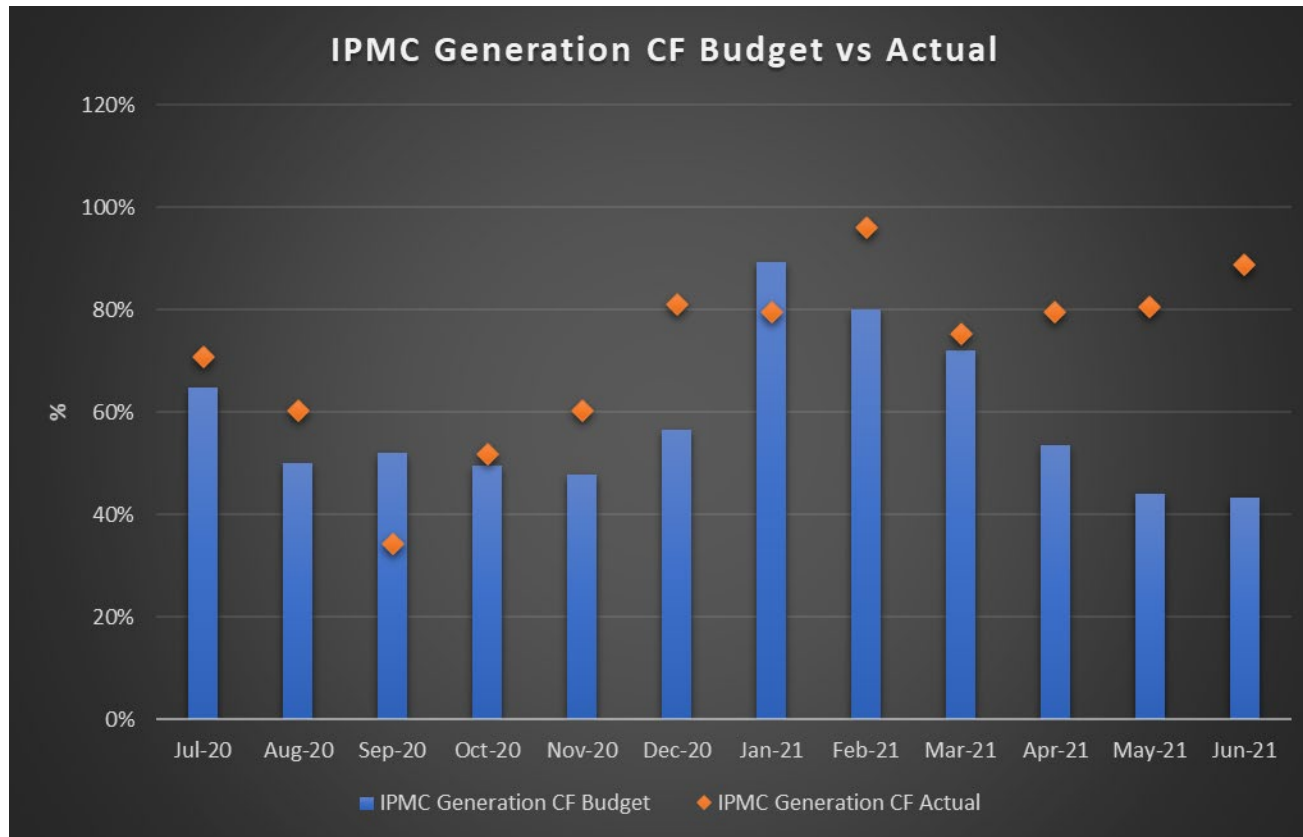
BREC Trans PPA Capacity Factor FY 21



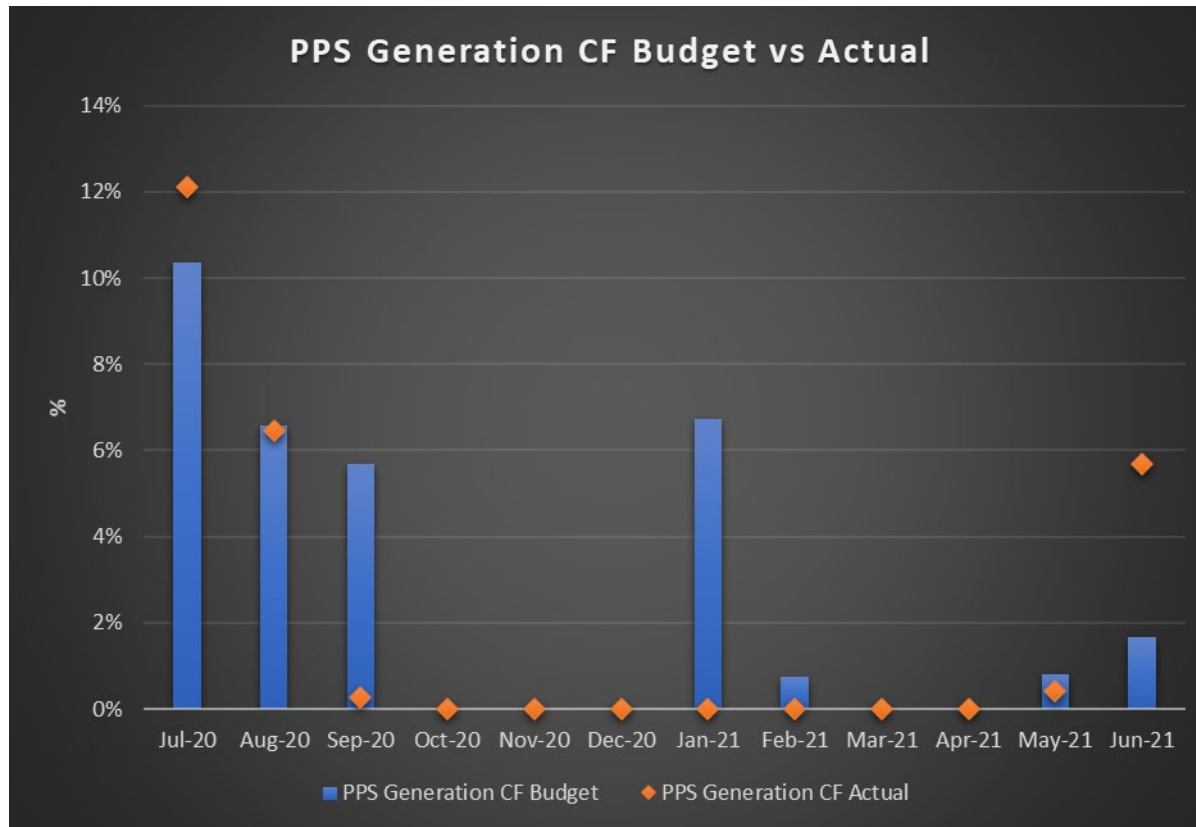
BREC Option Capacity Factor FY 21



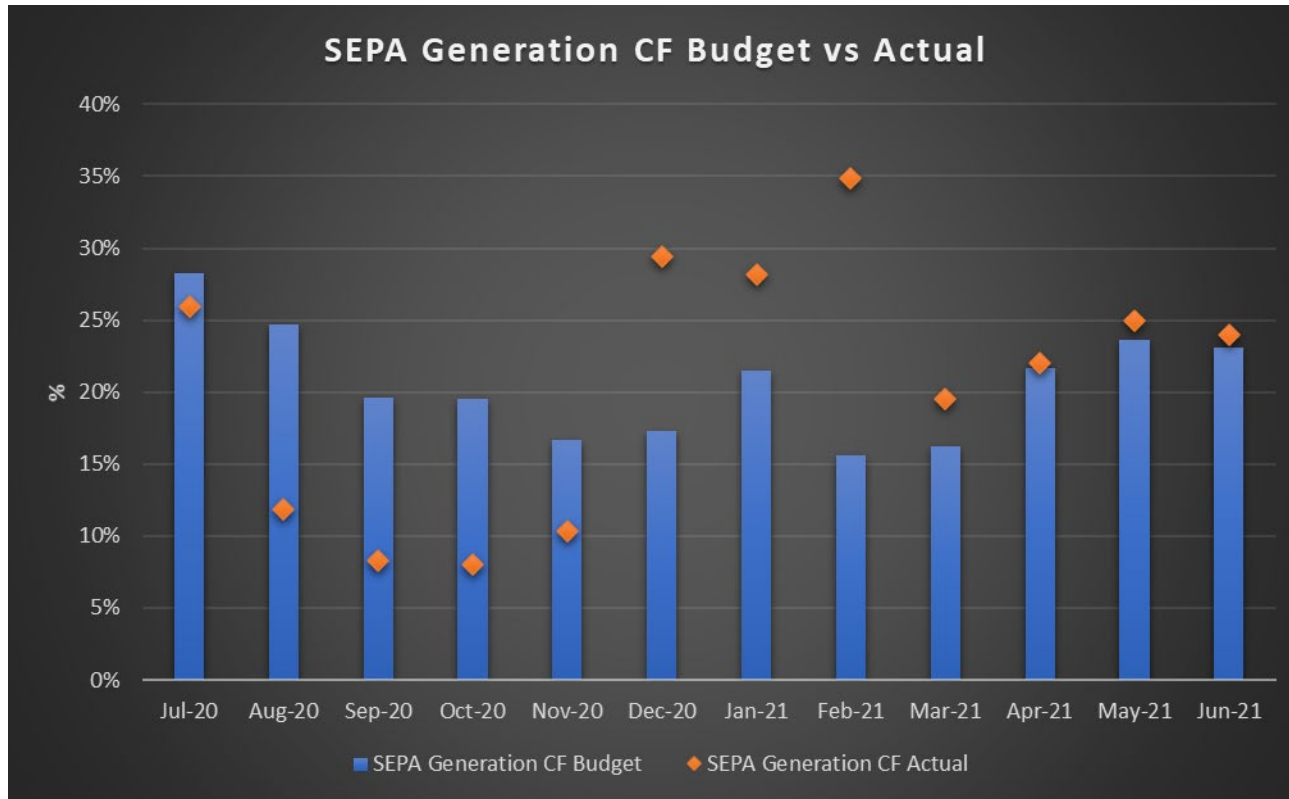
EEI/LGEE Capacity Factor FY 21



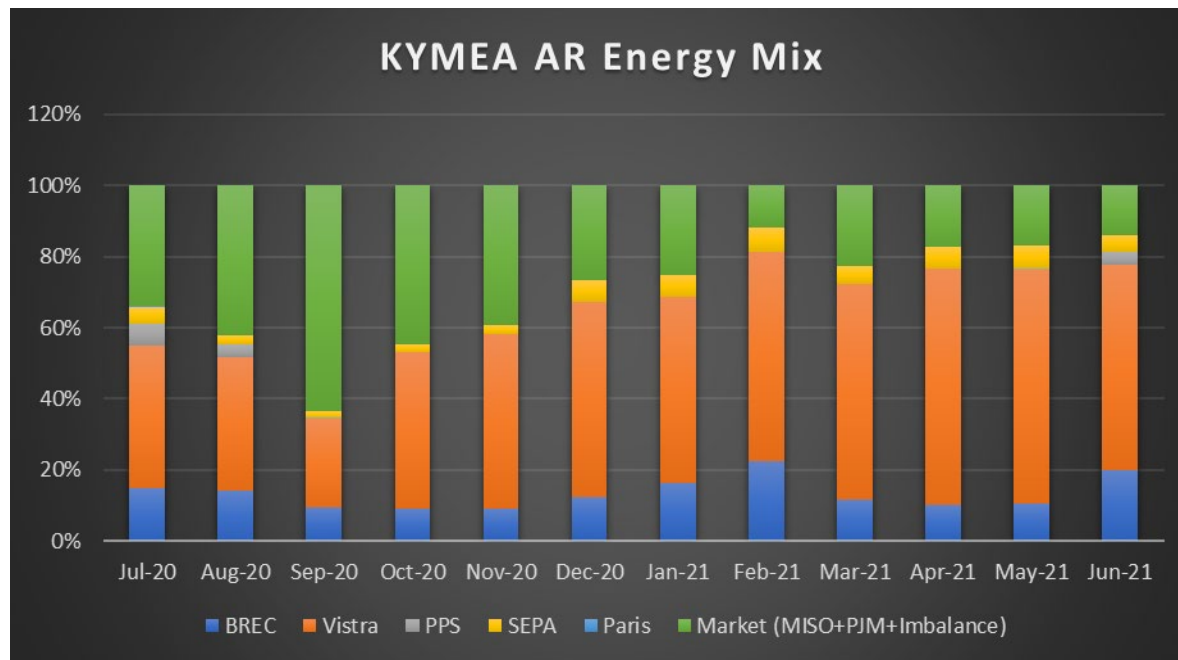
PPS PPA Capacity Factor FY 21



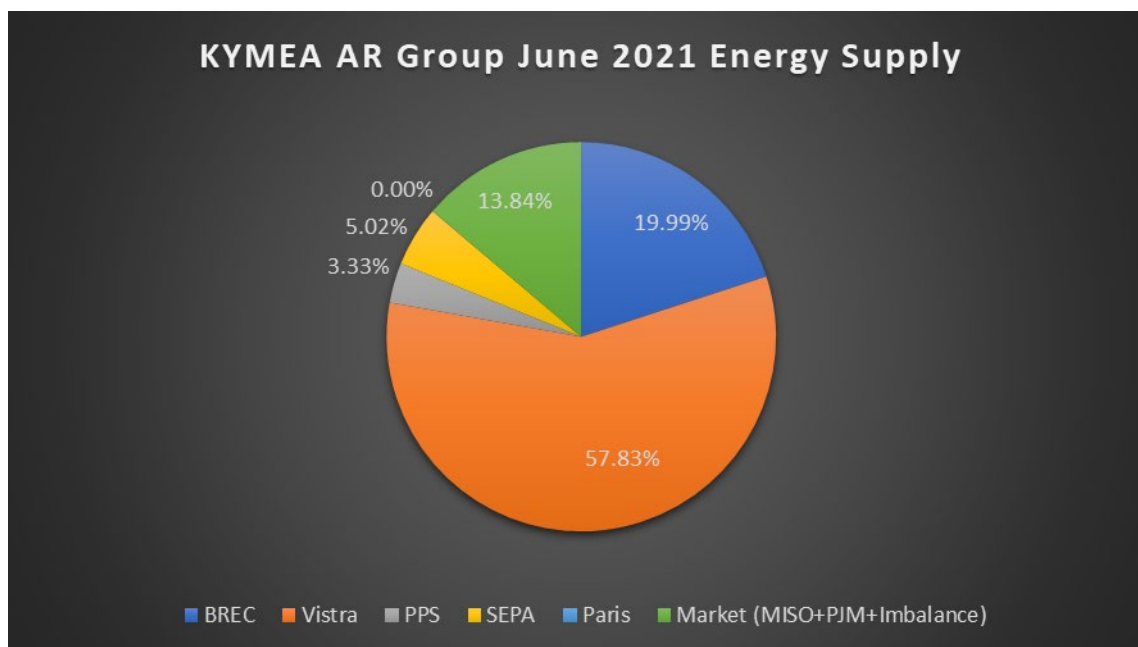
SEPA Capacity Factor FY 21



KYMEA AR Energy Mix FY 21

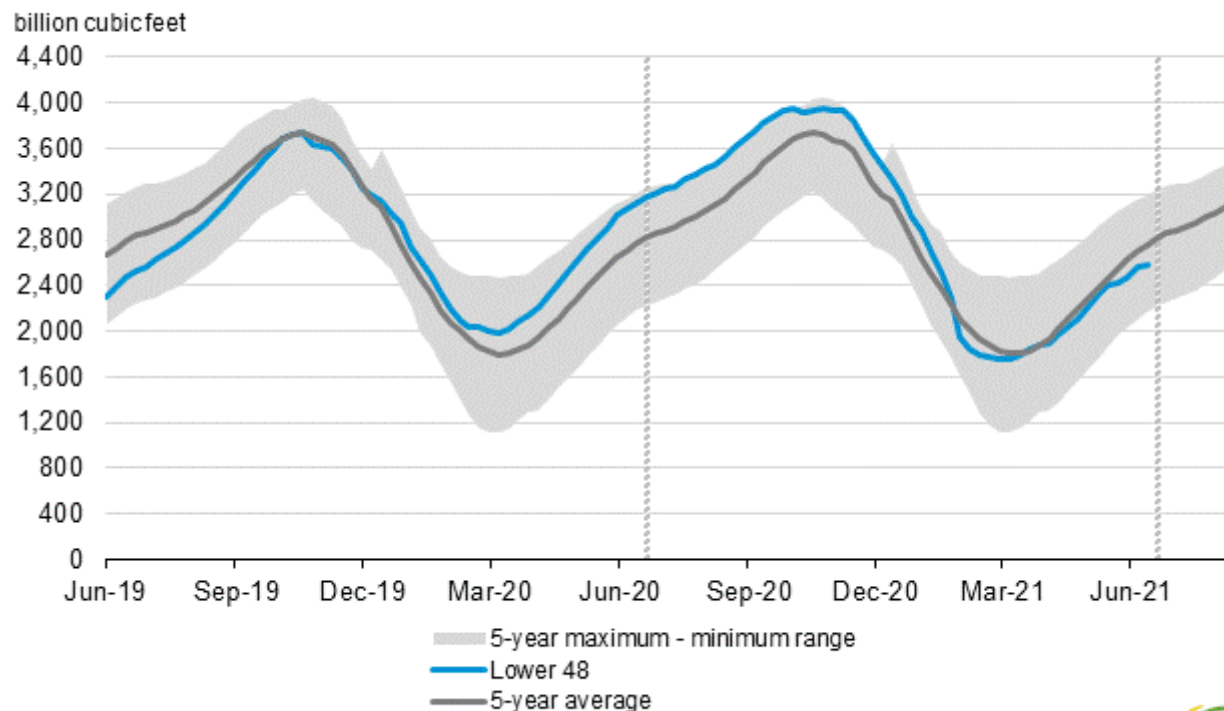


KYMEA AR Energy Mix



Working Gas in Storage

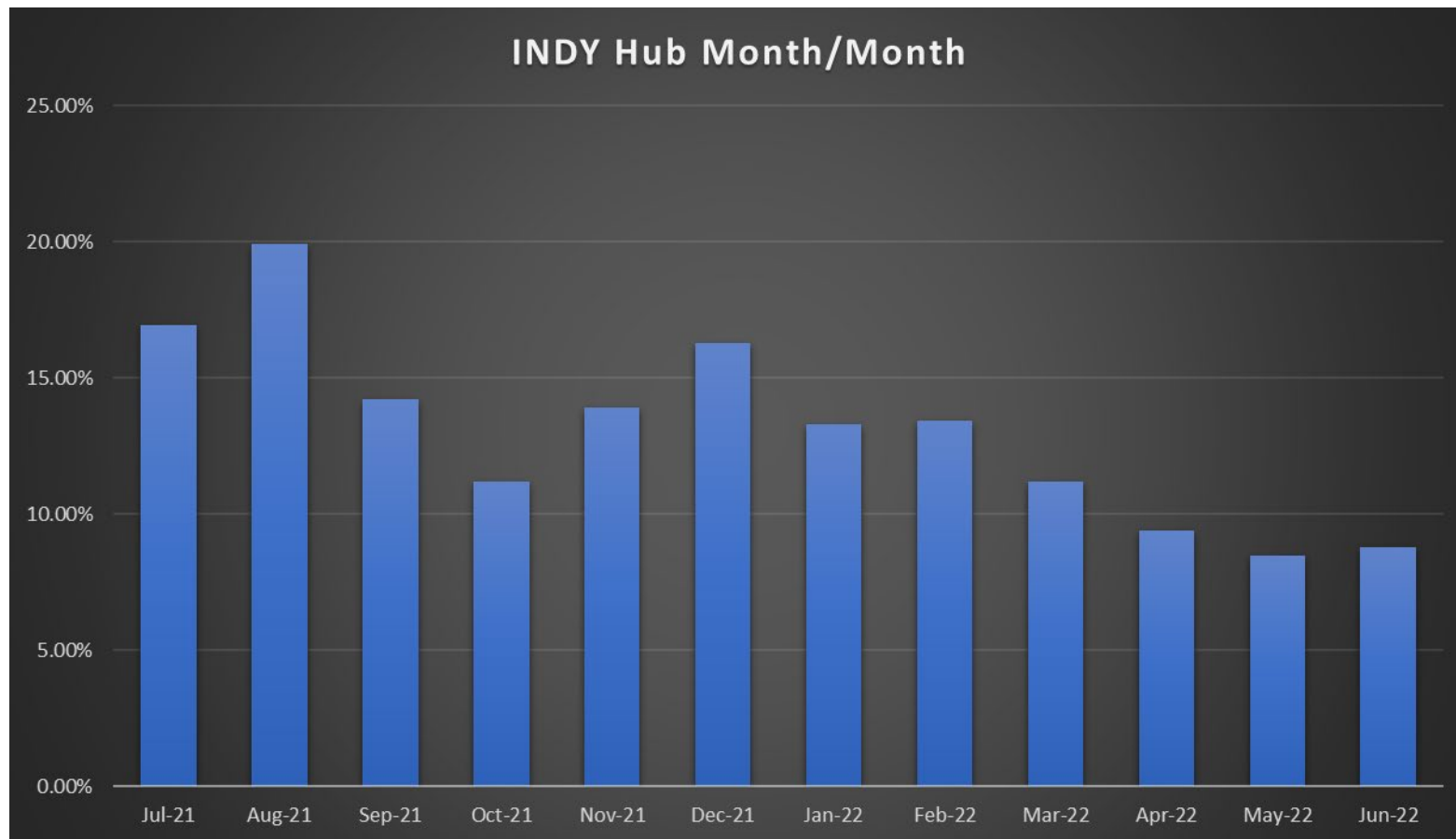
Working gas in underground storage compared with the 5-year maximum and minimum



Source: U.S. Energy Information Administration



Indiana Hub ATC



Tetco ELA

