



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: JUNE 13, 2022

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY POWER SUPPLY REPORT – April 30, 2022

Power Usage:

Wholesale Load (Vista): – 163,420 MWH (Chart 1)

Peak Demand: – 422 MW of which 283 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	6,888
b) Coal	16,617
c) Large Hydroelectric	3,182
d) Natural Gas	6,300
e) Renewables	93,292
f) Inter SC Trades	41,200
g) Green Inter SC Trades	-
h) CAISO Purchases	(4,059)
Total:	163,420

Total Green Power Supply – 93,292 MWH which yields 57.09% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 73.59% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 16.85% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 20 MW, with energy entitlement of 3,182 MWH.

Natural Gas: Clearwater's availability was 85.00% for the month.
RERC's (Units 1, 2, 3 and 4) availability was 100.00% for the month.
Springs's (Units 1, 2, 3 and 4) availability was 99.93% for the month.

Renewable: CALPPA units operated at 91.63% capacity factor for the month.
Wintec operated at 45.24% capacity factor.
WKN operated at 54.87% capacity factor.
Transwind operated at 7.78% capacity factor.
Kingbird Solar operated at 40.71% capacity factor.
Tequesquite Solar operated at 25.18% capacity factor.
AP North Lake Solar operated at 23.24% capacity factor.
Camelot Solar2 operated at 37.30% capacity factor.
Bigsky Solar3 operated at 41.30% capacity factor.
Bigsky Solar7 operated at 38.25% capacity factor.
Bigsky Solar1X operated at 40.43% capacity factor.

The attached graphical comparisons represent RPU April:

- Chart 1: Total Energy Requirements/Resource Mix
- Chart 2: Peak Hour Total Capacity
- Chart 3: Retail Customer Load
- Chart 4: Daily Peak Load and Temperature Comparisons
- Chart 5: Monthly Peak Load and Temperature