



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: JUNE 12, 2023

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY POWER SUPPLY REPORT – MARCH 31, 2023

Power Usage:

Wholesale Load (Vista): – 156,988 MWH (Chart 1)

Peak Demand: – 279 MW of which 266 MW came from Riverside available resources (Chart 2)

RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	6,972
b) Coal	16,152
c) Large Hydroelectric	2,244
d) Natural Gas	4,690
e) Renewables	85,009
f) Inter SC Trades	41,921
g) Green Inter SC Trades	-
h) CAISO Purchases	-
Total:	156,988

Total Green Power Supply – 85,009 MWH which yields 54.15% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 72.08% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 15.85% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 17 MW, with energy entitlement of 2,244 MWH.

Natural Gas: Clearwater's availability was 71.77% for the month.
RERC's (Units 1, 2, 3 and 4) availability was 75.00% for the month.
Springs's (Units 1, 2, 3 and 4) availability was 100.00% for the month.

Renewable: CALPPA units operated at 93.82% capacity factor for the month.

Wintec operated at 23.86% capacity factor.
WKN operated at 27.14% capacity factor.
Transwind operated at 2.80% capacity factor.
Kingbird Solar operated at 28.60% capacity factor.
Tequesquite Solar operated at 19.76% capacity factor.
AP North Lake Solar operated at 14.40% capacity factor.
Camelot Solar2 operated at 25.16% capacity factor.
Bigsky Solar3 operated at 20.53% capacity factor.
Bigsky Solar7 operated at 22.80% capacity factor.
Bigsky Solar1X operated at 22.68% capacity factor.

The attached graphical comparisons represent RPU MARCH:

- 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