



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: JUNE 12, 2023

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY POWER SUPPLY REPORT – APRIL 30, 2023

Power Usage:

Wholesale Load (Vista): – 151,190 MWH (Chart 1)

Peak Demand: – 301 MW of which 295 MW came from Riverside available resources (Chart 2)

RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	6,312
b) Coal	11,441
c) Large Hydroelectric	2,485
d) Natural Gas	6,222
e) Renewables	84,753
f) Inter SC Trades	39,977
g) Green Inter SC Trades	-
h) CAISO Purchases	-
Total:	151,190

Total Green Power Supply – 84,753 MWH which yields 56.06% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 67.44% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 11.60% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 17 MW, with energy entitlement of 2,485 MWH.

Natural Gas: Clearwater's availability was 100.00% 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 97.99% for the month.

Renewable: CALPPA units operated at 87.09% capacity factor for the month.

Wintec operated at 29.97% capacity factor.

WKN operated at 33.50% capacity factor.

Transwind operated at 2.29% capacity factor.

Kingbird Solar operated at 42.20% capacity factor.

Tequesquite Solar operated at 27.04% capacity factor.

AP North Lake Solar operated at 21.42% capacity factor.

Camelot Solar2 operated at 34.64% capacity factor.

Bigsky Solar3 operated at 30.20% capacity factor.

Bigsky Solar7 operated at 32.96% capacity factor.

Bigsky Solar1X operated at 33.92% 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