



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: JULY 11, 2022

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY POWER SUPPLY REPORT – May 31, 2022

Power Usage:

Wholesale Load (Vista): – 176,278 MWH (Chart 1)

Peak Demand: – 387 MW of which 234 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	7,897
b) Coal	18,937
c) Large Hydroelectric	3,324
d) Natural Gas	1,701
e) Renewables	100,889
f) Inter SC Trades	42,348
g) Green Inter SC Trades	-
h) CAISO Purchases	1,272
Total:	176,278

Total Green Power Supply – 100,889 MWH which yields 57.23% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 81.65% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 18.58% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 20 MW, with energy entitlement of 3,234 MWH.

Natural Gas: Clearwater's availability was 100.00% for the month.
RERC's (Units 1, 2, 3 and 4) availability was 72.08% for the month.
Springs's (Units 1, 2, 3 and 4) availability was 100.00% for the month.

Renewable: CALPPA units operated at 96.52% capacity factor for the month.
Wintec operated at 14.09% capacity factor.
WKN operated at 35.95% capacity factor.
Transwind operated at 8.24% capacity factor.
Kingbird Solar operated at 45.95% capacity factor.
Tequesquite Solar operated at 24.21% capacity factor.
AP North Lake Solar operated at 23.29% capacity factor.
Camelot Solar2 operated at 41.64% capacity factor.
Bigsky Solar3 operated at 44.30% capacity factor.
Bigsky Solar7 operated at 41.49% capacity factor.
Bigsky Solar1X operated at 44.11% capacity factor.

The attached graphical comparisons represent RPU May:

- 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