



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: JUNE 14, 2021

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY POWER SUPPLY REPORT – April 30, 2021

Power Usage:

Wholesale Load (Vista): – 158,400 MWH (Chart 1)

Peak Demand: – 386 MW of which 243 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	7,056
b) Coal	15,248
c) Large Hydroelectric	3,445
d) Natural Gas	3,574
e) Renewables	84,703
f) Inter SC Trades	37,600
g) Green Inter SC Trades	-
h) CAISO Purchases	6,773
Total:	158,400

Total Green Power Supply – 84,703 MWH which yields 53.47% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 97.12% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 28.69% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 20 MW, with energy entitlement of 3,049 MWH.

Natural Gas: Clearwater's availability was 100.00% for the month.
RERC's (Units 1, 2, 3 and 4) availability was 99.71% for the month.
Springs's (Units 1, 2, 3 and 4) availability was 100.00% for the month.

Renewable: CALPPA units operated at 84.41% capacity factor for the month.

Wintec operated at 38.86% capacity factor.
WKN operated at 53.32% capacity factor.
Transwind operated at 17.56% capacity factor.
Kingbird Solar operated at 41.79% capacity factor.
Tequesquite Solar operated at 19.86% capacity factor.
AP North Lake Solar operated at 27.44% capacity factor.
Camelot Solar2 operated at 40.36% capacity factor.
Bigsky Solar3 operated at 40.43% capacity factor.
Bigsky Solar7 operated at 38.29% capacity factor.
Bigsky Solar1X operated at 35.54% capacity factor.

The attached graphical comparisons represent RPU's 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