



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: AUGUST 9, 2021

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY POWER SUPPLY REPORT - JUNE 30, 2021

Power Usage:

Wholesale Load (Vista): – 212,651 MWH (Chart 1)

Peak Demand: – 536 MW of which 383 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	8,950
b) Coal	56,134
c) Large Hydroelectric	2,956
d) Natural Gas	10,100
e) Renewables	80,369
f) Inter SC Trades	-
g) Green Inter SC Trades	-
h) CAISO Purchases	54,141
Total:	212,651

Total Green Power Supply – 80,369 MWH which yields 37.79% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 95.62% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 56.91% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 20 MW, with energy entitlement of 2,956 MWH.

Natural Gas: Clearwater's availability was 100.00% for the month.
RERC's (Units 1, 2, 3 and 4) availability was 99.24% for the month.
Springs's (Units 1, 2, 3 and 4) availability was 99.76% for the month.

Renewable: CALPPA units operated at 77.23% capacity factor for the month.
Wintec operated at 45.25% capacity factor.
WKN operated at 36.84% capacity factor.
Transwind operated at 16.94% capacity factor.
Kingbird Solar operated at 43.37% capacity factor.
Tequesquite Solar operated at 14.65% capacity factor.
AP North Lake Solar operated at 28.31% capacity factor.
Camelot Solar2 operated at 43.10% capacity factor.
Bigsky Solar3 operated at 41.68% capacity factor.
Bigsky Solar7 operated at 40.30% capacity factor.
Bigsky Solar1X operated at 39.17% capacity factor.

The attached graphical comparisons represent RPU's June:

- 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