



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: NOVEMBER 8, 2021

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY POWER SUPPLY REPORT – August 31, 2021

Power Usage:

Wholesale Load (Vista): – 252,948 MWH (Chart 1)

Peak Demand: – 556 MW of which 425 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	9,091
b) Coal	76,953
c) Large Hydroelectric	2,253
d) Natural Gas	13,541
e) Renewables	83,770
f) Inter SC Trades	12,800
g) Green Inter SC Trades	-
h) CAISO Purchases	54,540
Total:	252,948

Total Green Power Supply – 83,770 MWH which yields 33.12% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 93.99% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 75.50% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 20 MW, with energy entitlement of 2,253 MWH.

Natural Gas: Clearwater's availability was 100.00% for the month.
RERC's (Units 1, 2, 3 and 4) availability was 99.46% for the month.
Springs's (Units 1, 2, 3 and 4) availability was 99.77% for the month.

Renewable: CALPPA units operated at 85.86% capacity factor for the month.

Wintec operated at 43.53% capacity factor.
WKN operated at 33.73% capacity factor.
Transwind operated at 16.24% capacity factor.
Kingbird Solar operated at 29.17% capacity factor.
Tequesquite Solar operated at 5.02% capacity factor.
AP North Lake Solar operated at 27.34% capacity factor.
Camelot Solar2 operated at 37.20% capacity factor.
Bigsky Solar3 operated at 36.35% capacity factor.
Bigsky Solar7 operated at 34.82% capacity factor.
Bigsky Solar1X operated at 34.10% capacity factor.

The attached graphical comparisons represent RPU's August:

- 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