



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: JANUARY 09, 2023

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY POWER SUPPLY REPORT – NOVEMBER 30, 2022

Power Usage:

Wholesale Load (Vista): – 148,376 MWH (Chart 1)

Peak Demand: – 267 MW of which 217 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	7,977
b) Coal	25,303
c) Large Hydroelectric	2,104
d) Natural Gas	1,346
e) Renewables	73,799
f) Inter SC Trades	37,400
g) Green Inter SC Trades	-
h) CAISO Purchases	447
Total:	148,376

Total Green Power Supply – 73,799 MWH which yields 49.74% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 85.22% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 25.65% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 18 MW, with energy entitlement of 2,104 MWH.

Natural Gas: Clearwater's availability was 100.00% for the month.
RERC's (Units 1, 2, 3 and 4) availability was 32.74% for the month.
Springs's (Units 1, 2, 3 and 4) availability was 100.00% for the month.

Renewable: CALPPA units operated at 86.42% capacity factor for the month.
Wintec operated at 6.90% capacity factor.
WKN operated at 14.86% capacity factor.
Transwind operated at 2.19% capacity factor.
Kingbird Solar operated at 21.87% capacity factor.
Tequesquite Solar operated at 14.79% capacity factor.
AP North Lake Solar operated at 11.63% capacity factor.
Camelot Solar2 operated at 15.47% capacity factor.
Bigsky Solar3 operated at 16.54% capacity factor.
Bigsky Solar7 operated at 18.31% capacity factor.
Bigsky Solar1X operated at 17.44% capacity factor.

The attached graphical comparisons represent RPU November:

- 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