



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: JANUARY 10, 2022

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY POWER SUPPLY REPORT – NOVEMBER 30, 2021

Power Usage:

Wholesale Load (Vista): – 163,205 MWH (Chart 1)

Peak Demand: – 347 MW of which 308 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	7,968
b) Coal	29,755
c) Large Hydroelectric	1,965
d) Natural Gas	2,200
e) Renewables	76,958
f) Inter SC Trades	40,850
g) Green Inter SC Trades	-
h) CAISO Purchases	3,509
Total:	163,205

Total Green Power Supply – 76,958 MWH which yields 47.15% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 85.13% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 30.17% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 20 MW, with energy entitlement of 1,965 MWH.

Natural Gas: Clearwater's availability was 100.00% for the month.
RERC's (Units 1, 2, 3 and 4) availability was 46.14% for the month.
Springs's (Units 1, 2, 3 and 4) availability was 100.00% for the month.

Renewable: CALPPA units operated at 98.47% capacity factor for the month.
Wintec operated at 15.61% capacity factor.
WKN operated at 4.63% capacity factor.
Transwind operated at 5.70% capacity factor.
Kingbird Solar operated at 24.30% capacity factor.
Tequesquite Solar operated at 9.10% capacity factor.
AP North Lake Solar operated at 15.79% capacity factor.
Camelot Solar2 operated at 22.85% capacity factor.
Bigsky Solar3 operated at 23.13% capacity factor.
Bigsky Solar7 operated at 20.77% capacity factor.
Bigsky Solar1X operated at 22.01% capacity factor.

The attached graphical comparisons represent RPU's November 2021:

- 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