



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE: APRIL 10, 2023**

**GENERAL MANAGER'S REPORT**

**SUBJECT: MONTHLY POWER SUPPLY REPORT – JANUARY 31, 2023**

Power Usage:

Wholesale Load (Vista): – 163,951 MWH (Chart 1)

Peak Demand: – 265 MW of which 200 MW came from Riverside available resources (Chart 2)

RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	9,440
b) Coal	49,053
c) Large Hydroelectric	1,176
d) Natural Gas	2,057
e) Renewables	52,643
f) Inter SC Trades	28,424
g) Green Inter SC Trades	-
h) CAISO Purchases	21,158
Total:	163,951

**Total Green Power Supply – 52,643 MWH** which yields 32.11% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 97.60% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 48.13% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 16 MW, with energy entitlement of 1,176 MWH.

Natural Gas: Clearwater's availability was 100.00% for the month.  
RERC's (Units 1, 2, 3 and 4) availability was 74.50% for the month.  
Springs's (Units 1, 2, 3 and 4) availability was 100.00% for the month.

Renewable: CALPPA units operated at 54.84% capacity factor for the month.

Wintec operated at 10.98% capacity factor.

WKN operated at 18.24% capacity factor.

Transwind operated at 1.76% capacity factor.

Kingbird Solar operated at 15.43% capacity factor.

Tequesquite Solar operated at 12.45% capacity factor.

AP North Lake Solar operated at 9.17% capacity factor.

Camelot Solar2 operated at 11.42% capacity factor.

Bigsky Solar3 operated at 12.56% capacity factor.

Bigsky Solar7 operated at 12.04% capacity factor.

Bigsky Solar1X operated at 13.10% capacity factor.

The attached graphical comparisons represent RPU January:

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