



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE: APRIL 10, 2023**

**GENERAL MANAGER'S REPORT**

**SUBJECT: MONTHLY POWER SUPPLY REPORT – FEBRUARY 28, 2023**

Power Usage:

Wholesale Load (Vista): – 147,258 MWH (Chart 1)

Peak Demand: – 275 MW of which 218 MW came from Riverside available resources (Chart 2)

RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	8,736
b) Coal	26,998
c) Large Hydroelectric	1,494
d) Natural Gas	1,448
e) Renewables	65,039
f) Inter SC Trades	50,400
g) Green Inter SC Trades	-
h) CAISO Purchases	(6,857)
Total:	147,258

**Total Green Power Supply – 65,039 MWH** which yields 44.17% of the Total Wholesale Load Requirement

Resource Availability:

**Nuclear:** Palo Verde units 1, 2 and 3 operated at 100.00% capacity factor for the month.

**Coal:** IPP units 1 and 2 operated at 29.33% capacity factor for the month.

**Large Hydro:** Hoover, RVSD's capacity entitlement was 17 MW, with energy entitlement of 1,494 MWH.

**Natural Gas:** Clearwater's availability was 95.72% for the month.  
RERC's (Units 1, 2, 3 and 4) availability was 74.96% for the month.  
Springs's (Units 1, 2, 3 and 4) availability was 74.26% for the month.

**Renewable:** CALPPA units operated at 79.23% capacity factor for the month.  
Wintec operated at 23.43% capacity factor.

WKN operated at 24.31% capacity factor.  
Transwind operated at 1.84% capacity factor.  
Kingbird Solar operated at 24.56% capacity factor.  
Tequesquite Solar operated at 16.84% capacity factor.  
AP North Lake Solar operated at 12.09% capacity factor.  
Camelot Solar2 operated at 13.07% capacity factor.  
Bigsky Solar3 operated at 15.35% capacity factor.  
Bigsky Solar7 operated at 18.29% capacity factor.  
Bigsky Solar1X operated at 19.06% capacity factor.

The attached graphical comparisons represent RPU FEBRUARY:

- 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