



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: MAY 9, 2022

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY POWER SUPPLY REPORT – March 31, 2022

Power Usage:

Wholesale Load (Vista): – 163,624 MWH (Chart 1)

Peak Demand: – 326 MW of which 215 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	9,491
b) Coal	9,484
c) Large Hydroelectric	3,126
d) Natural Gas	3,315
e) Renewables	94,079
f) Inter SC Trades	42,350
g) Green Inter SC Trades	-
h) CAISO Purchases	1,779
Total:	163,624

Total Green Power Supply – 94,079 MWH which yields 57.50% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 98.13% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 9.30% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 20 MW, with energy entitlement of 3,126 MWH.

Natural Gas: Clearwater's availability was 9.68% for the month.
RERC's (Units 1, 2, 3 and 4) availability was 99.95% for the month.
Springs's (Units 1, 2, 3 and 4) availability was 100.00% for the month.

Renewable: CALPPA units operated at 95.63% capacity factor for the month.

Wintec operated at 17.57% capacity factor.

WKN operated at 38.12% capacity factor.

Transwind operated at 6.48% capacity factor.

Kingbird Solar operated at 34.28% capacity factor.

Tequesquite Solar operated at 23.32% capacity factor.

AP North Lake Solar operated at 23.16% capacity factor.

Camelot Solar2 operated at 33.40% capacity factor.

Bigsky Solar3 operated at 34.42% capacity factor.

Bigsky Solar7 operated at 31.71% capacity factor.

Bigsky Solar1X operated at 31.99% capacity factor.

The attached graphical comparisons represent RPU March:

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