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):

	Resource	MWH
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