RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES **DATE: JANUARY 09, 2023**

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY POWER SUPPLY REPORT – NOVEMBER 30, 2022

Power Usage:

Wholesale Load (Vista): – 148,376 MWH (Chart 1)

Peak Demand: – 267 MW of which 217 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

	Resource	MWH
a)	Nuclear	7,977
b)	Coal	25,303
c)	Large Hydroelectric	2,104
d)	Natural Gas	1,346
e)	Renewables	73,799
f)	Inter SC Trades	37,400
g)	Green Inter SC Trades	-
h)	CAISO Purchases	447
	Total:	148,376

Total Green Power Supply – 73,799 MWH which yields 49.74% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 85.22% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 25.65% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 18 MW, with energy entitlement of 2,104 MWH.

Natural Gas: Clearwater's availability was 100.00% for the month.
RERC's (Units 1, 2, 3 and 4) availability was 32.74% for the month.
Springs's (Units 1, 2, 3 and 4) availability was 100.00% for the month.

Renewable: CALPPA units operated at 86.42% capacity factor for the month.
Wintec operated at 6.90% capacity factor.
WKN operated at 14.86% capacity factor.
Transwind operated at 2.19% capacity factor.
Kingbird Solar operated at 21.87% capacity factor.
Tequesquite Solar operated at 14.79% capacity factor.
AP North Lake Solar operated at 11.63% capacity factor.
Camelot Solar2 operated at 15.47% capacity factor.
Bigsky Solar3 operated at 16.54% capacity factor.
Bigsky Solar7 operated at 18.31% capacity factor.
Bigsky Solar1X operated at 17.44% capacity factor.

The attached graphical comparisons represent RPU November:

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