RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES **DATE: August 8, 2022**

GENERAL MANAGER'S REPORT

SUBJECT: **MONTHLY POWER SUPPLY REPORT – June 30, 2022**

Power Usage:

Wholesale Load (Vista): – 224,440 MWH (Chart 1)

Peak Demand: – 576 MW of which 525 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

	Resource	MWH
a)	Nuclear	9,024
b)	Coal	22,482
c)	Large Hydroelectric	2,497
d)	Natural Gas	8,950
e)	Renewables	97,465
f)	Inter SC Trades	70,800
g)	Green Inter SC Trades	-
h)	CAISO Purchases	13,221
	Total:	224,440

Total Green Power Supply – 97,465 MWH which yields 43.43% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 96.41% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 22.79% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 18 MW, with energy entitlement of 2,497 MWH.

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

Renewable: CALPPA units operated at 97.90% capacity factor for the month.
Wintec operated at 20.08% capacity factor.
WKN operated at 38.37% capacity factor.
Transwind operated at 6.16% capacity factor.
Kingbird Solar operated at 47.19% capacity factor.
Tequesquite Solar operated at 24.87% capacity factor.
AP North Lake Solar operated at 20.73% capacity factor.
Camelot Solar2 operated at 44.41% capacity factor.
Bigsky Solar3 operated at 42.94% capacity factor.
Bigsky Solar7 operated at 40.47% capacity factor.
Bigsky Solar1X operated at 41.86% capacity factor.

The attached graphical comparisons represent RPU June:

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