RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES   **DATE: JULY 12, 2021**

GENERAL MANAGER'S REPORT

SUBJECT: **MONTHLY POWER SUPPLY REPORT – May 31, 2021**

Power Usage:

Wholesale Load (Vista):   –   171,980 MWH (Chart 1)

Peak Demand: –   372 MW of which 220 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

	Resource	MWH
a)	Nuclear	6,832
b)	Coal	35,001
c)	Large Hydroelectric	3,327
d)	Natural Gas	1,231
e)	Renewables	74,911
f)	Inter SC Trades	3,600
g)	Green Inter SC Trades	-
h)	CAISO Purchases	47,079
	Total:	171,980

Total Green Power Supply   –   74,911 MWH which yields 43.56% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 70.64% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 34.34% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 20 MW, with energy entitlement of 3,327 MWH.

Natural Gas: Clearwater's availability was 100.00% for the month.
             RERC's (Units 1, 2, 3 and 4) availability was 75.27% for the month.
             Springs's (Units 1, 2, 3 and 4) availability was 100.00% for the month.

Renewable: CALPPA units operated at 60.27% capacity factor for the month.

Wintec operated at 53.59% capacity factor.
WKN operated at 27.53% capacity factor.
Transwind operated at 21.59% capacity factor.
Kingbird Solar operated at 46.29% capacity factor.
Tequesquite Solar operated at 18.98% capacity factor.
AP North Lake Solar operated at 32.23% capacity factor.
Camelot Solar2 operated at 45.20% capacity factor.
Bigsky Solar3 operated at 42.67% capacity factor.
Bigsky Solar7 operated at 41.72% capacity factor.
Bigsky Solar1X operated at 39.92% capacity factor.

The attached graphical comparisons represent RPU's May:

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