



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

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**BOARD OF PUBLIC UTILITIES****DATE: JUNE 14, 2021****GENERAL MANAGER'S REPORT****SUBJECT:      MONTHLY POWER SUPPLY REPORT – April 30, 2021****Power Usage:**

Wholesale Load (Vista):            –      158,400 MWH (Chart 1)

Peak Demand:  
resources (Chart 2)            –      386 MW of which 243 MW came from RVSD available

**RVSD Energy Mix (Chart 1):**

	<u>Resource</u>	<u>MWH</u>
a)	Nuclear	7,056
b)	Coal	15,248
c)	Large Hydroelectric	3,445
d)	Natural Gas	3,574
e)	Renewables	84,703
f)	Inter SC Trades	37,600
g)	Green Inter SC Trades	-
h)	CAISO Purchases	6,773
	Total:	158,400

**Total Green Power Supply**    –    **84,703 MWH** which yields 53.47% of the Total Wholesale Load Requirement

**Resource Availability:**

Nuclear:      Palo Verde units 1, 2 and 3 operated at 97.12% capacity factor for the month.

Coal:      IPP units 1 and 2 operated at 28.69% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 20 MW, with energy entitlement of 3,049 MWH.

Natural Gas: Clearwater's availability was 100.00% for the month.

RERC's (Units 1, 2, 3 and 4) availability was 99.71% for the month.

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

Renewable: CALPPA units operated at 84.41% capacity factor for the month.

Wintec operated at 38.86% capacity factor.  
WKN operated at 53.32% capacity factor.  
Transwind operated at 17.56% capacity factor.  
Kingbird Solar operated at 41.79% capacity factor.  
Tequesquite Solar operated at 19.86% capacity factor.  
AP North Lake Solar operated at 27.44% capacity factor.  
Camelot Solar2 operated at 40.36% capacity factor.  
Bigsky Solar3 operated at 40.43% capacity factor.  
Bigsky Solar7 operated at 38.29% capacity factor.  
Bigsky Solar1X operated at 35.54% capacity factor.

The attached graphical comparisons represent RPU's April:

- 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