



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE: June 8, 2020**

**GENERAL MANAGERS REPORT  
ITEM NO: 17**

**SUBJECT: MONTHLY POWER SUPPLY REPORT – April, 2020**

Power Usage:

Wholesale Load (Vista): – 155,845 MWH (Chart 1)

Peak Demand: – 389 MW of which 252 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	6,016
b) Coal	22,412
c) Large Hydroelectric	2,930
d) Natural Gas	8,538
e) Renewables	84,907
f) Inter SC Trades	-
g) Green Inter SC Trades	-
h) CAISO Purchases	31,041
Total:	156,404

**Total Green Power Supply – 84,907 MWH** which yields 54.48% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 96.37% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 34.02% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 20 MW, with energy entitlement of 1,910 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: Salton Sea units operated at 82.12% capacity factor for the month.  
Vulcan unit operated at 95.11% capacity factor for the month.  
Wintec operated at 51.78% capacity factor.  
WKN operated at 51.70% capacity factor.  
Transwind operated at 17.90% capacity factor.  
Kingbird Solar operated at 34.60% capacity factor.  
Tequesquite Solar operated at 23.51% capacity factor.  
AP North Lake Solar operated at 26.60% capacity factor.  
Camelot Solar2 operated at 36.07% capacity factor.  
Bigsky Solar3 operated at 36.55% capacity factor.  
Bigsky Solar7 operated at 33.60% capacity factor.  
Bigsky Solar1X operated at 33.42% 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