



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE JUNE , 2019

**GENERAL MANAGERS REPORT
ITEM NO: 16**

SUBJECT: MONTHLY POWER SUPPLY REPORT – June, 2019

Power Usage:

Wholesale Load (Vista): – 189,159 MWH (Chart 1)

Peak Demand: – 543 MW of which 381 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	9,192
b) Coal	40,811
c) Large Hydroelectric	2,797
d) Natural Gas	5,559
e) Renewables	94,520
f) Inter SC Trades	-
g) Green Inter SC Trades	-
h) CAISO Purchases	36,280
Total:	189,159

Total Green Power Supply – **94,520 MWH** which yields 49.97% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 98.21% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 41.37% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 22 MW, with energy entitlement of 2,797 MWH.

Natural Gas: Clearwater's availability was 100.00% for the month.
RERC's (Units 1, 2, 3 and 4) availability was 94.12% for the month.
Springs's (Units 1, 2, 3 and 4) availability was 100.00% for the month.

Renewable: Salton Sea units operated at 93.15% capacity factor for the month.
Vulcan unit operated at 91.24% capacity factor for the month.
Wintec operated at 47.71% capacity factor.
WKN operated at 53.92% capacity factor.
Transwind operated at 23.30% capacity factor.
Kingbird Solar operated at 42.44% capacity factor.
Tequesquite Solar operated at 28.19% capacity factor.
AP North Lake Solar operated at 31.92% capacity factor.
Camelot Solar2 operated at 43.98% capacity factor.
Bigsky Solar3 operated at 43.74% capacity factor.
Bigsky Solar7 operated at 42.99% capacity factor.
Bigsky Solar1X operated at 45.26% capacity factor.

The attached graphical comparisons represents RPU's 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