RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES **DATE** JUNE , 2020

GENERAL MANAGERS REPORT
ITEM NO: 9

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

Power Usage:

Wholesale Load (Vista): – 192,044 MWH (Chart 1)

Peak Demand: – 486 MW of which 340 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

	Resource	MWH
a)	Nuclear	9,144
b)	Coal	35,351
c)	Large Hydroelectric	3,090
d)	Natural Gas	5,786
e)	Renewables	94,970
f)	Inter SC Trades	-
g)	Green Inter SC Trades	-
h)	CAISO Purchases	43,703
	Total:	192,044

Total Green Power Supply – 94,970 MWH which yields 49.45% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 97.69% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 35.84% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 22 MW, with energy entitlement of 3,090 MWH.

Natural Gas: Clearwater's availability was 100.00% for the month.
RERC's (Units 1, 2, 3 and 4) availability was 99.90% for the month.
Springs's (Units 1, 2, 3 and 4) availability was 100.00% for the month.

Renewable: CALPPA units operated at 96.43% capacity factor for the month.
Wintec operated at 53.11% capacity factor.
WKN operated at 31.26% capacity factor.
Transwind operated at 19.79% capacity factor.
Kingbird Solar operated at 45.44% capacity factor.
Tequesquite Solar operated at 25.36% capacity factor.
AP North Lake Solar operated at 34.27% capacity factor.
Camelot Solar2 operated at 43.50% capacity factor.
Bigsky Solar3 operated at 42.77% capacity factor.
Bigsky Solar7 operated at 41.50% capacity factor.
Bigsky Solar1X operated at 40.59% 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