RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE   October 26 , 2020

GENERAL MANAGERS REPORT
ITEM NO: 16

SUBJECT: **MONTHLY POWER SUPPLY REPORT – September 2020**

Power Usage:

Wholesale Load (Vista):   –   232,392 MWH (Chart 1)

Peak Demand: –   601 MW of which 533 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

	Resource	MWH
a)	Nuclear	9,104
b)	Coal	51,243
c)	Large Hydroelectric	2,070
d)	Natural Gas	15,412
e)	Renewables	78,749
f)	Inter SC Trades	-
g)	Green Inter SC Trades	-
h)	CAISO Purchases	75,814
	Total:	232,392

Total Green Power Supply   –   78,749 MWH which yields 33.89% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 97.26% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 51.95% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 20 MW, with energy entitlement of 2,070 MWH.

Natural Gas: Clearwater's availability was 67.50% for the month.
                  RERC's (Units 1, 2, 3 and 4) availability was 94.20% for the month.
                  Springs's (Units 1, 2, 3 and 4) availability was 9799% for the month.

Renewable: CALPPA units operated at 93.80% capacity factor for the month.
                  Wintec operated at 9.88% capacity factor.
                  WKN operated at 16.87% capacity factor.
                  Transwind operated at 00.00% capacity factor.
                  Kingbird Solar operated at 32.02% capacity factor.
                  Tequesquite Solar operated at 21.02% capacity factor.
                  AP North Lake Solar operated at 25.63% capacity factor.
                  Camelot Solar2 operated at 31.11% capacity factor.
                  Bigsky Solar3 operated at 29.57% capacity factor.
                  Bigsky Solar7 operated at 28.27% capacity factor.
                  Bigsky Solar1X operated at 28.86% capacity factor.

The attached graphical comparisons represent RPU's September:
          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