



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE: JULY 13, 2020**

**GENERAL MANAGERS REPORT**

**ITEM NO: 7**

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

### Power Usage:

Wholesale Load (Vista): – 182,079 MWH (Chart 1)

Peak Demand: – 459 MW of which 340 MW came from RVSD available resources (Chart 2)

### RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	8,904
b) Coal	39,376
c) Large Hydroelectric	3,521
d) Natural Gas	4,768
e) Renewables	63,884
f) Inter SC Trades	-
g) Green Inter SC Trades	-
h) CAISO Purchases	61,726
Total:	182,179

**Total Green Power Supply** – **63,884 MWH** which yields 35.07% of the Total Wholesale Load Requirement

### Resource Availability:

**Nuclear:** Palo Verde units 1, 2 and 3 operated at 92.06% capacity factor for the month.

**Coal:** IPP units 1 and 2 operated at 38.63% 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 77.55% for the month.  
Springs's (Units 1, 2, 3 and 4) availability was 100.00% for the month.

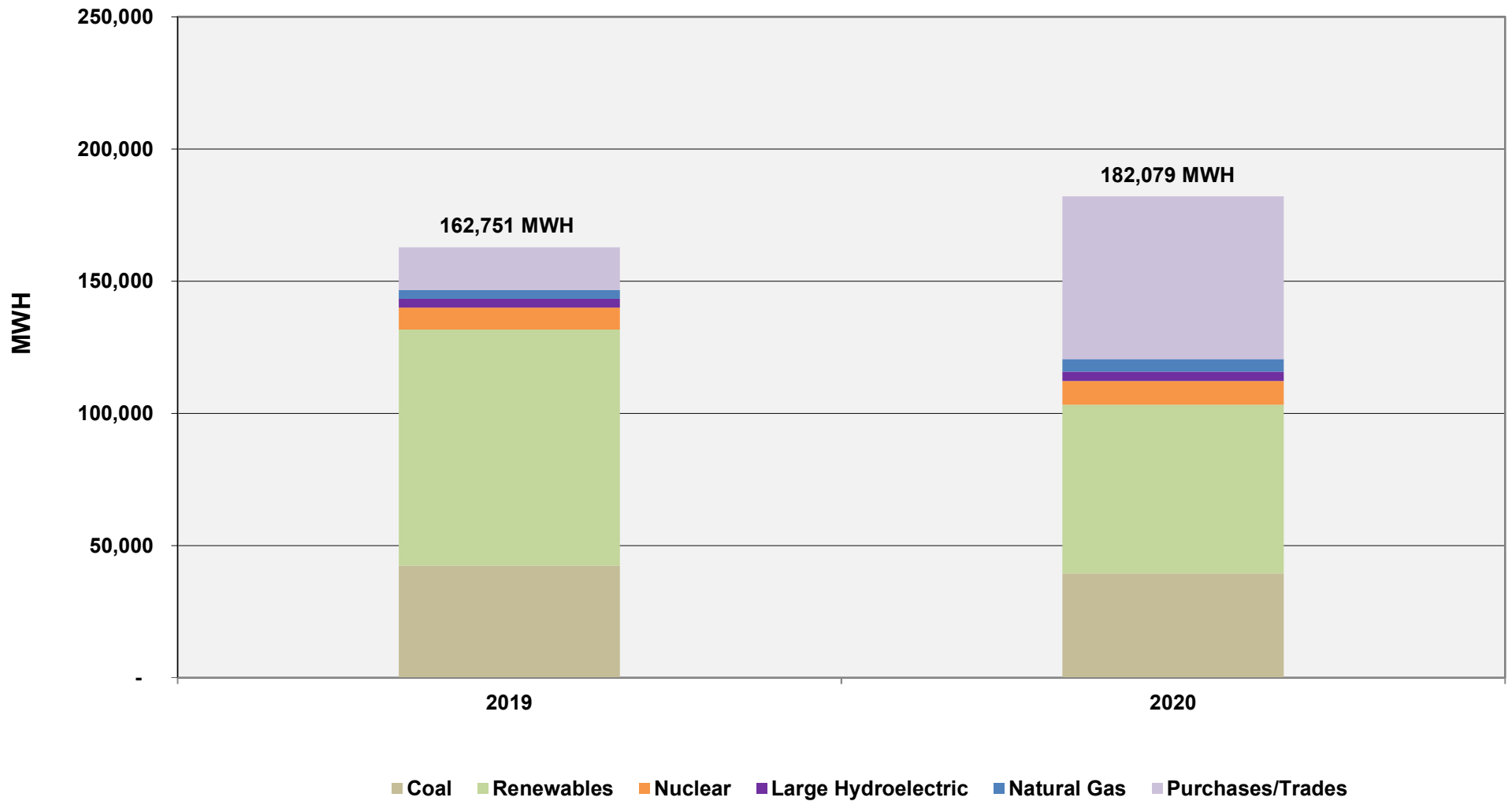
**Renewable:** Salton Sea units operated at 24.93% capacity factor for the month.  
Vulcan unit operated at 62.87% capacity factor for the month.  
Wintec operated at 53.25% capacity factor.

WKN operated at 36.27% capacity factor.  
Transwind operated at 17.99% capacity factor.  
Kingbird Solar operated at 44.38% capacity factor.  
Tequesquite Solar operated at 30.03% capacity factor.  
AP North Lake Solar operated at 37.22% capacity factor.  
Camelot Solar2 operated at 43.71% capacity factor.  
Bigsky Solar3 operated at 42.65% capacity factor.  
Bigsky Solar7 operated at 40.59% capacity factor.  
Bigsky Solar1X operated at 41.67% capacity factor.

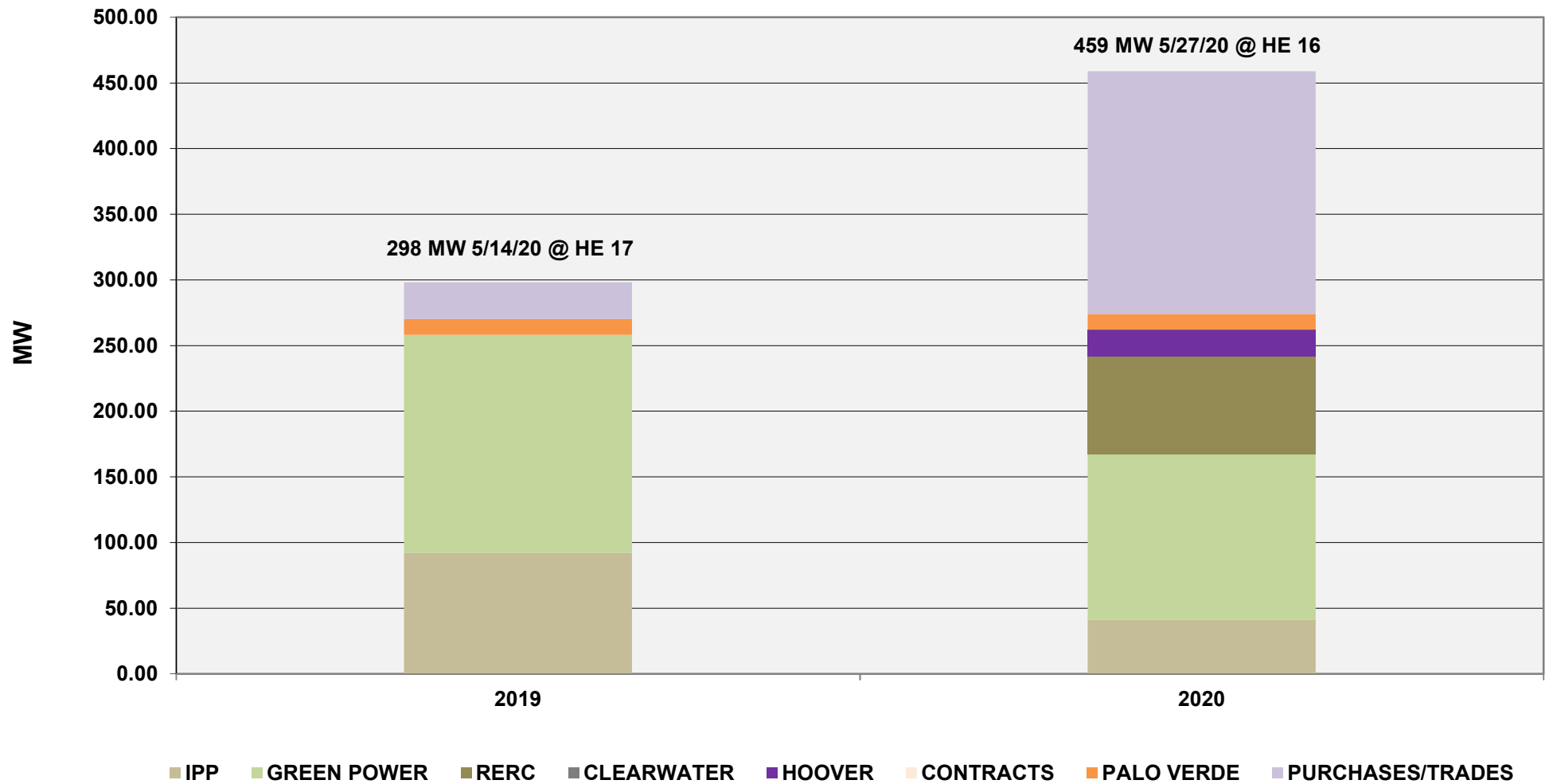
The attached graphical comparisons represent RPU's May:

- 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

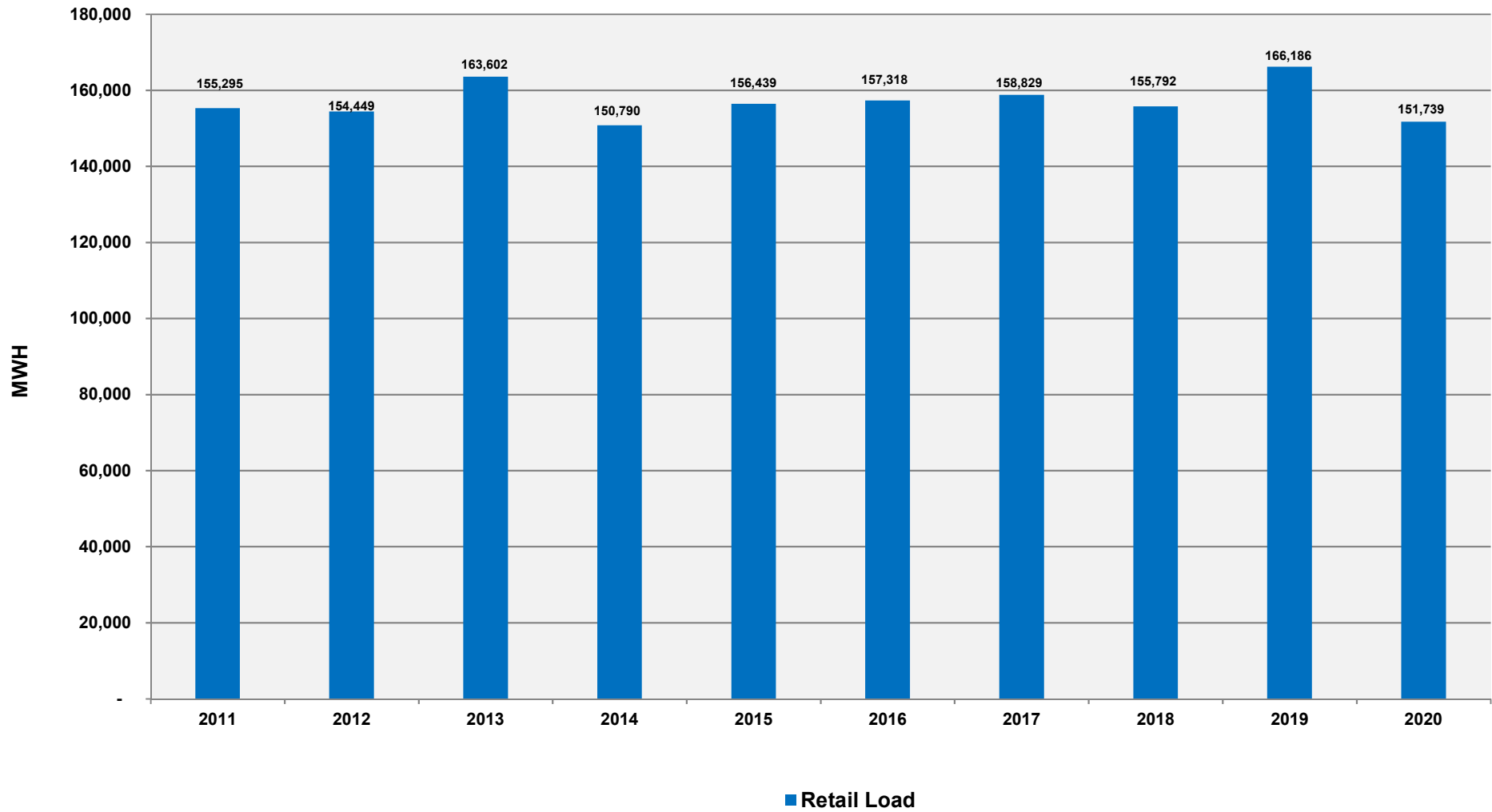
**Chart 1**  
**Total Energy Requirements/Resource Mix - May**



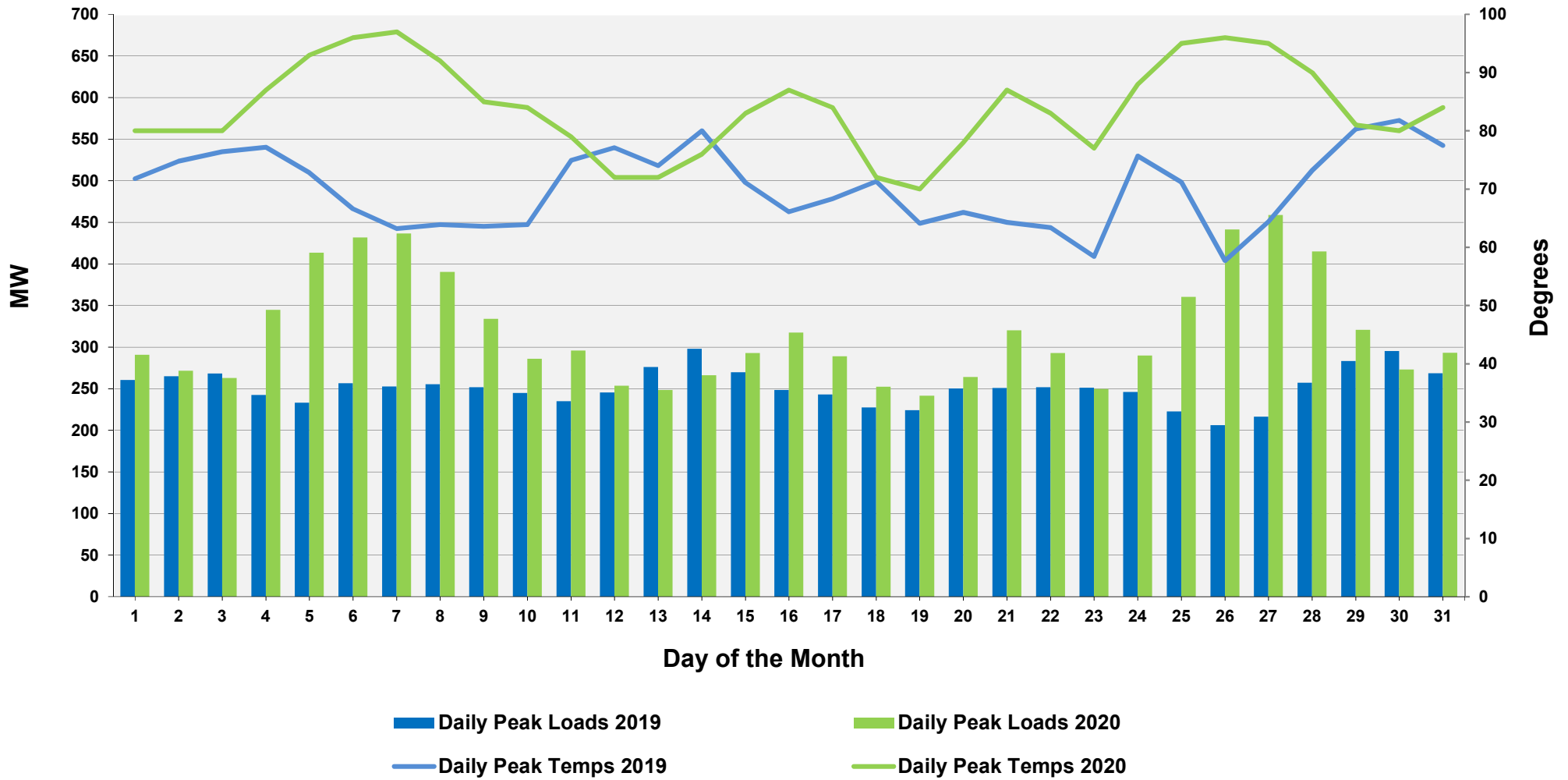
**Chart 2**  
**Peak Hour Total Capacity - May**



**Chart 3**  
**Retail Customer Load - May**



**Chart 4**  
**Daily Peak Load and Temperature Comparisons**  
**May**



**Chart 5**  
**Monthly Peak Load & Temperature**

