



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: OCTOBER 2, 2015

**GENERAL MANAGERS REPORT
ITEM NO: 18**

SUBJECT: MONTHLY POWER SUPPLY REPORT – August 2015

Power Usage:

Wholesale Load (Vista): – 252,658 MWH (Chart 1)

Peak Demand: – 570 MW of which 438 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	9,360
b) Coal	60,579
c) Large Hydroelectric	2,524
d) Natural Gas	13,615
e) Renewables	52,921
f) Other (BPA)	7,560
g) Inter SC Trades	49,800
h) Green Inter SC Trades	-
i) CAISO Purchases	56,399
Total:	252,658

Total Green Power Supply – **52,921 MWH** which yields 20.95% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 96.77% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 59.43% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 20 MW, with energy entitlement of 2,524 MWH.

Natural Gas: Clearwater's availability was 100% for the month.
RERC's (Units 1, 2, 3 and 4) availability was 100.0% for the month.
Springs's (Units 1, 2, 3 and 4) availability was 100.00% for the month.

Renewable: Salton Sea units operated at 98.2% capacity factor for the month.
Wintec operated at 51.10% capacity factor.
WKN operated at 50.53% capacity factor.
Tequesquite Solar operated at 25.88% capacity factor.
AP North Lake Solar operated at 36.38% capacity factor.
Camelot Solar operated at 41.48% capacity factor.
Transwind operated at 23.50% capacity factor.

The attached graphical comparisons represents RPU's August:

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 - August

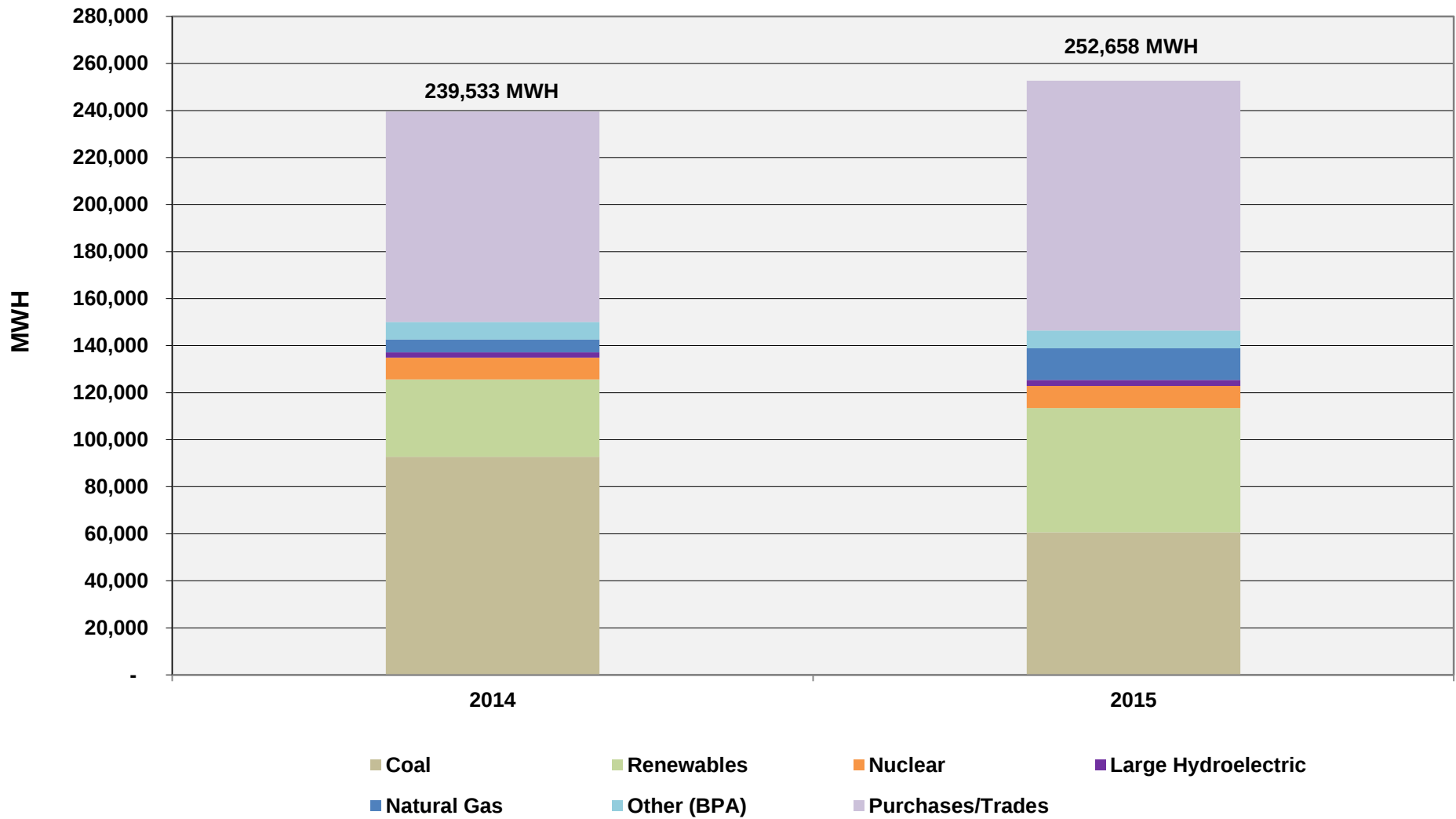


Chart 2
Peak Hour Total Capacity - August

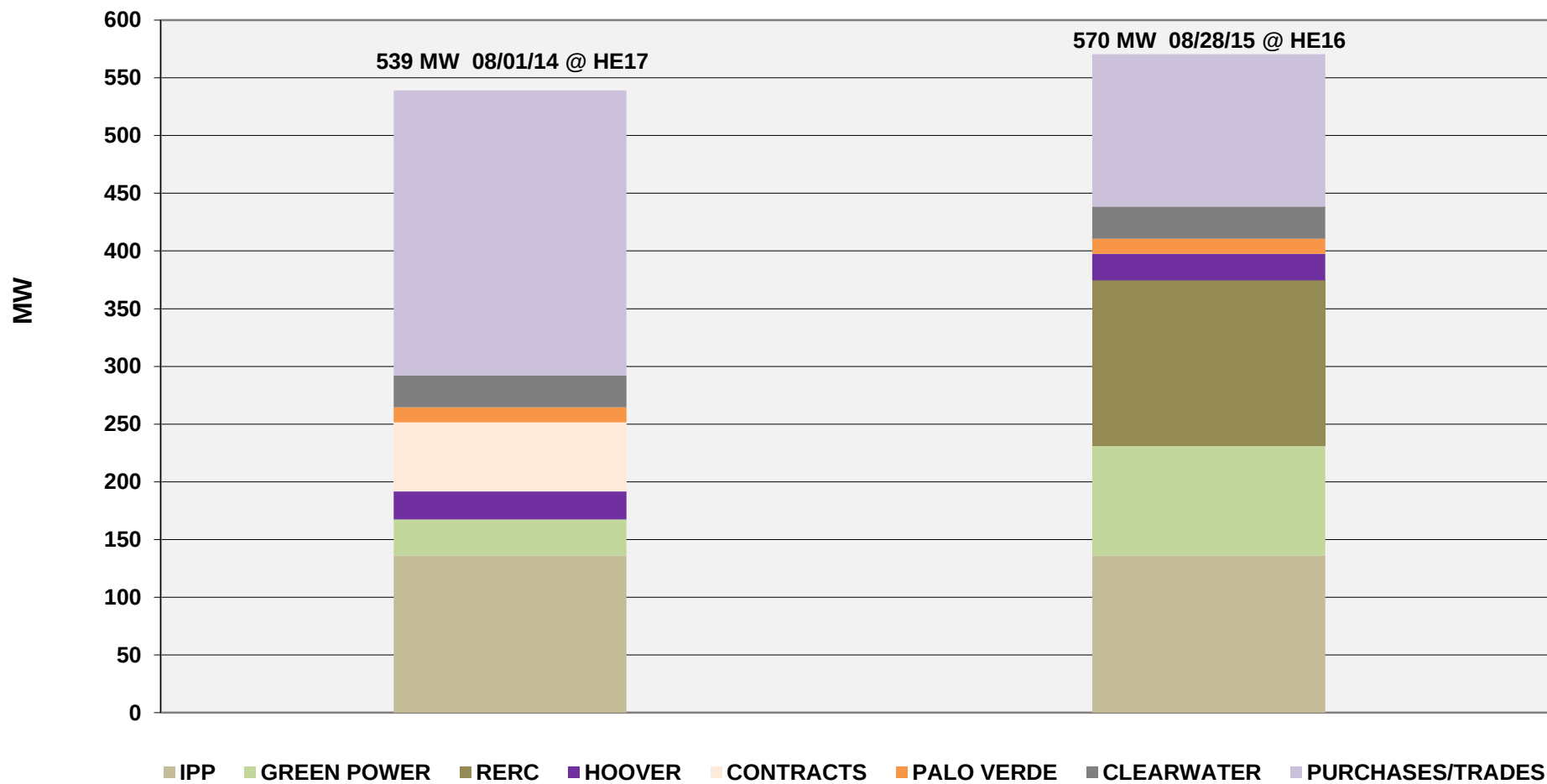


Chart 3
Retail Customer Load - August

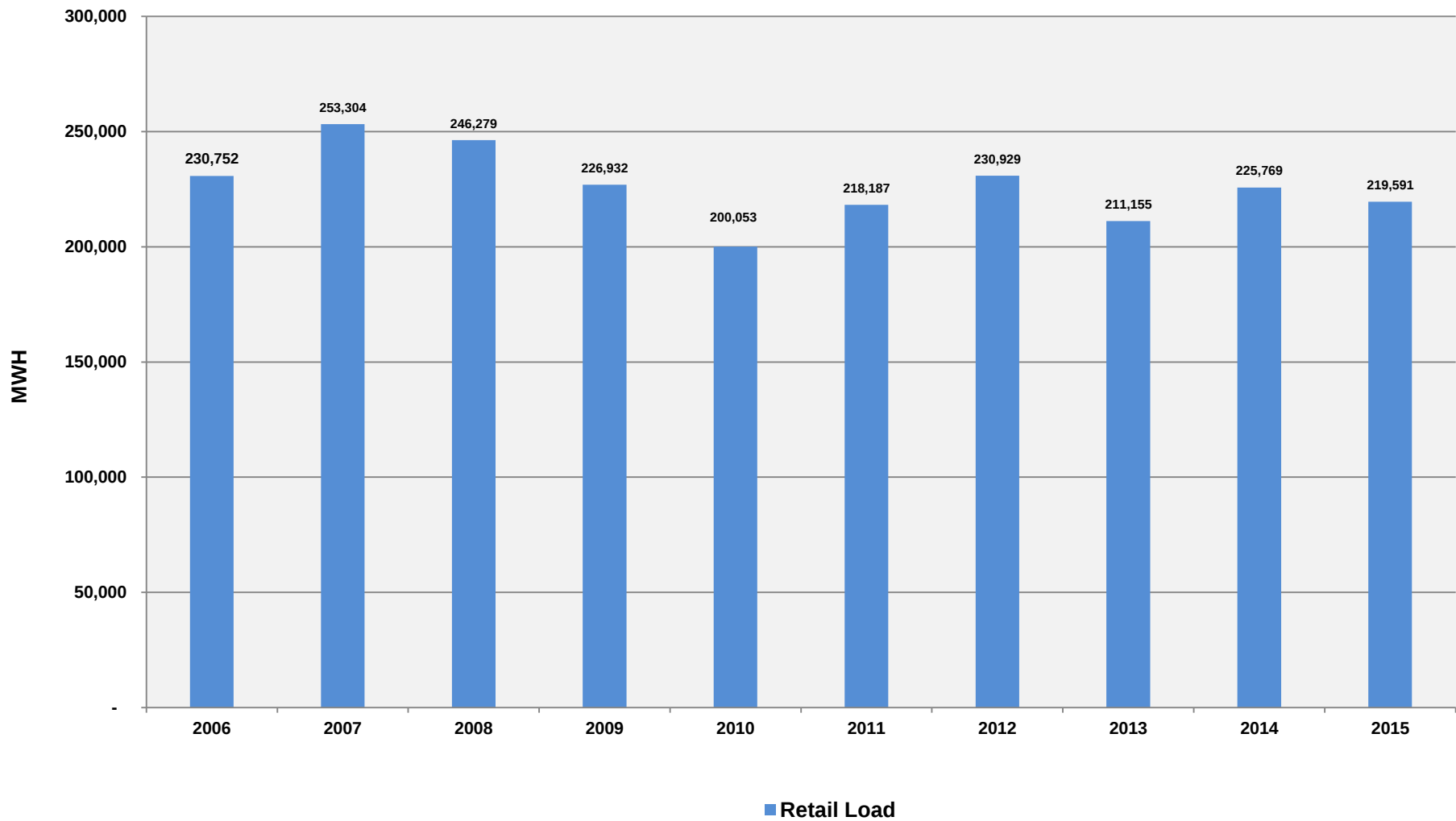


Chart 4
Daily Peak Load and Temperature Comparisons
August

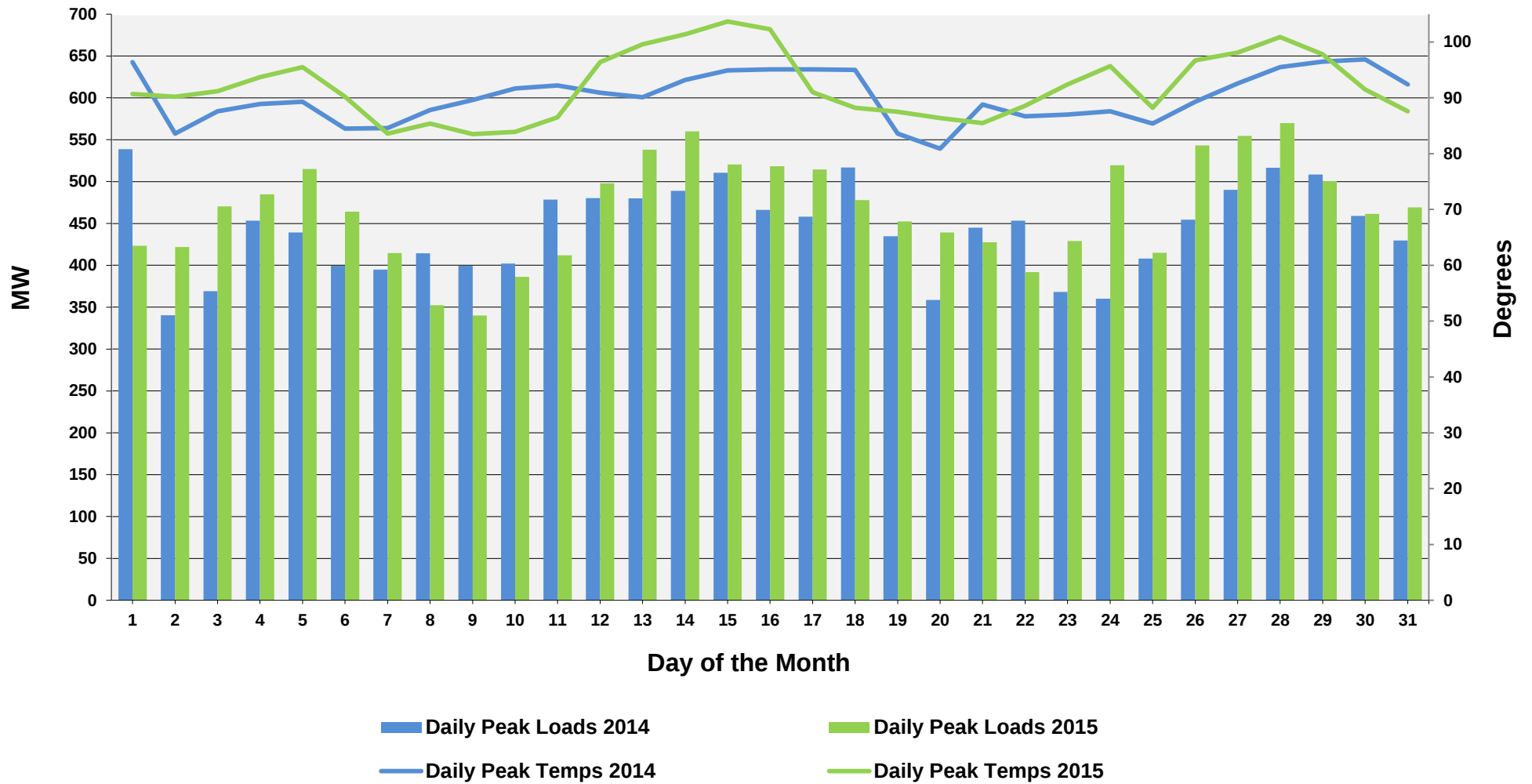


Chart 5
Monthly Peak Load & Temperature

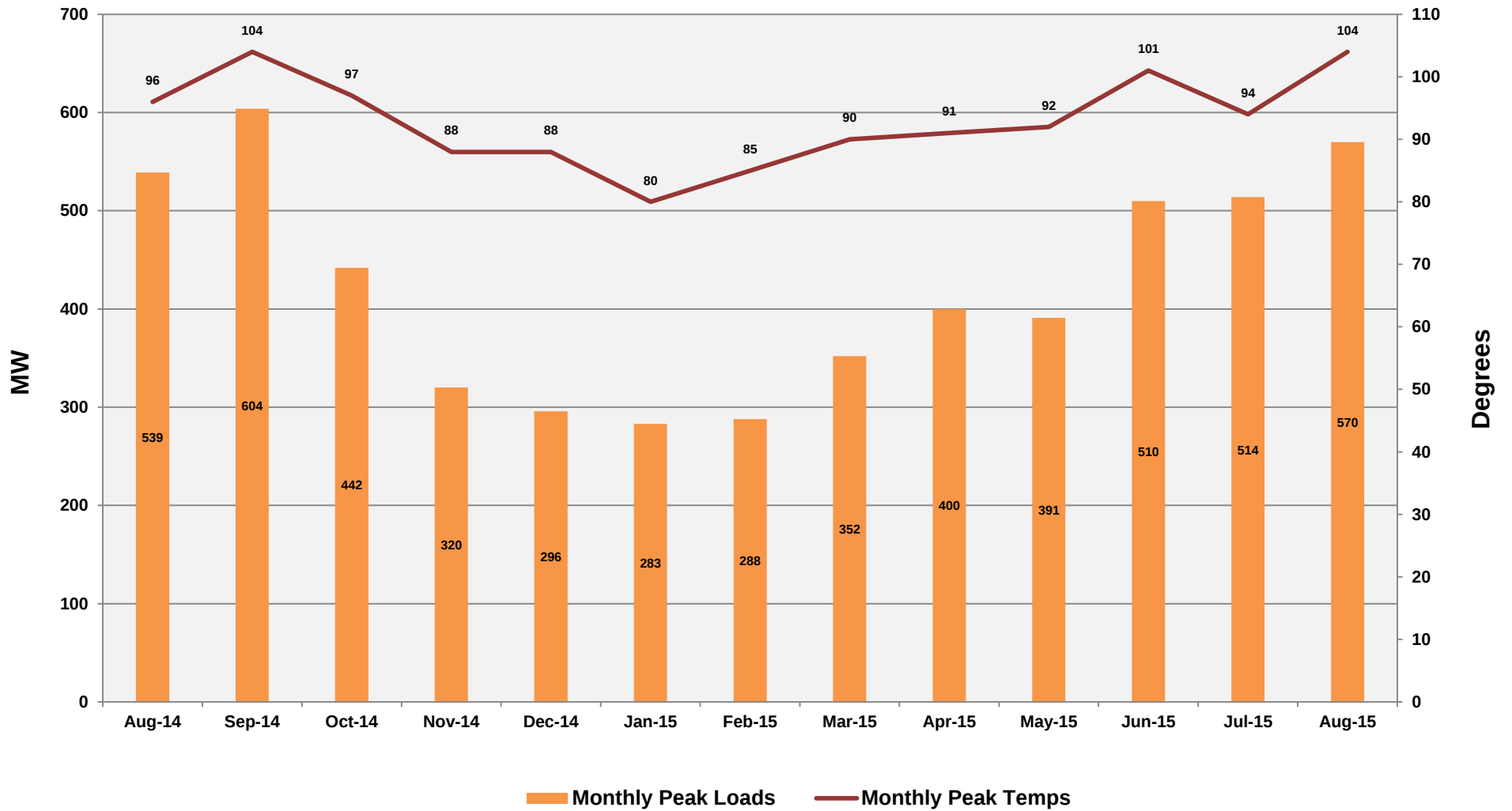


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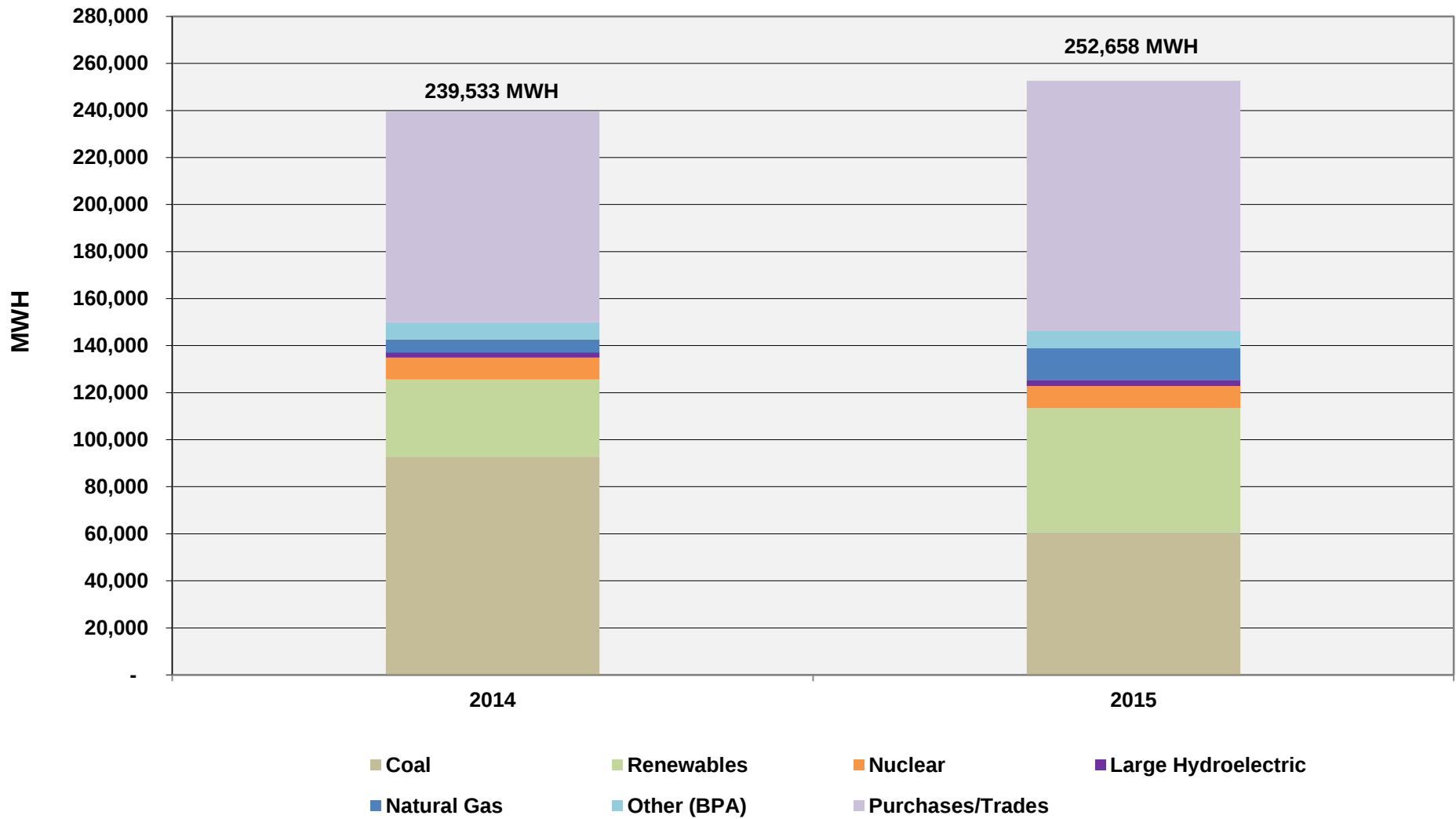


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Peak Hour Total Capacity - August

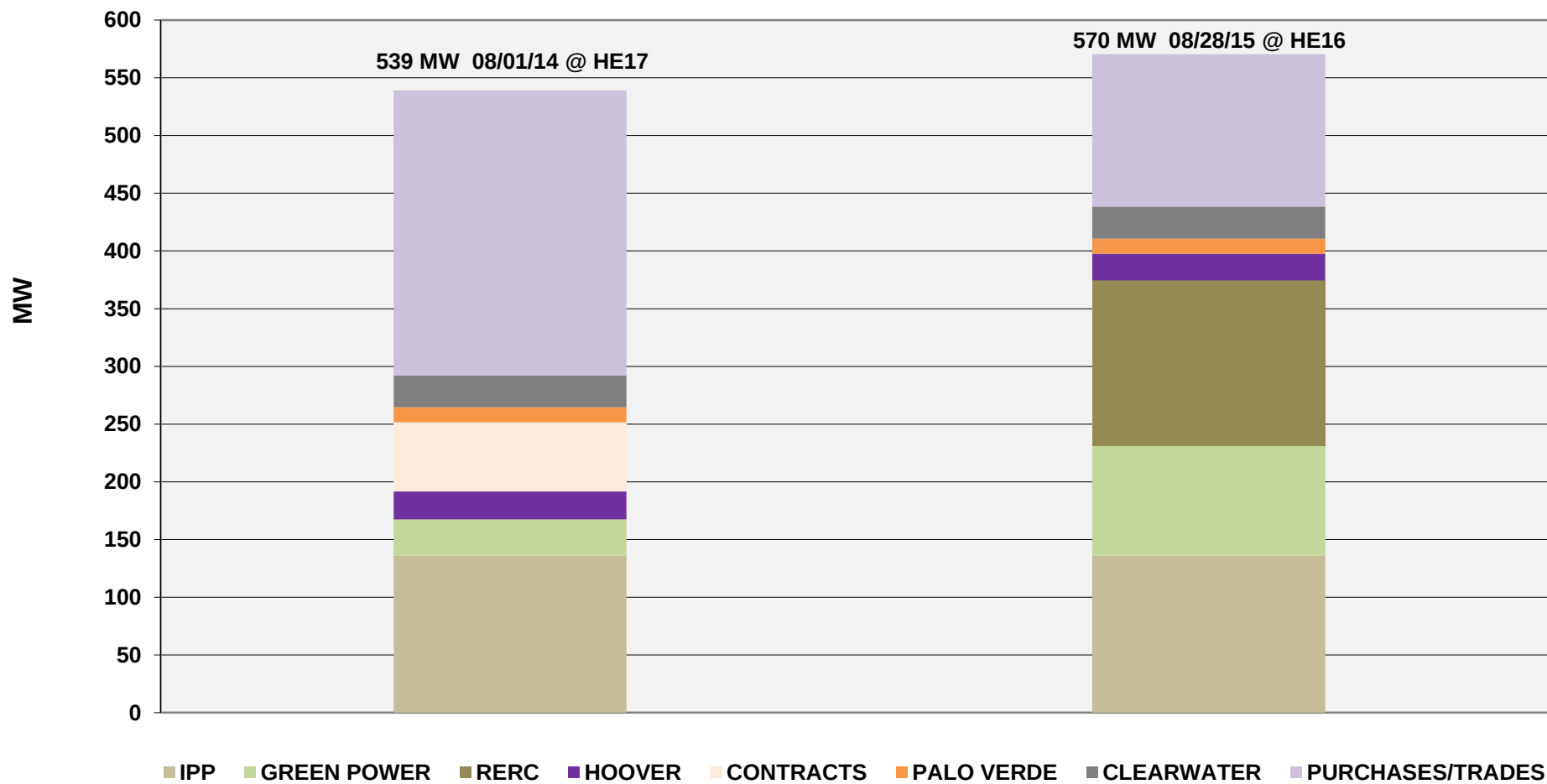


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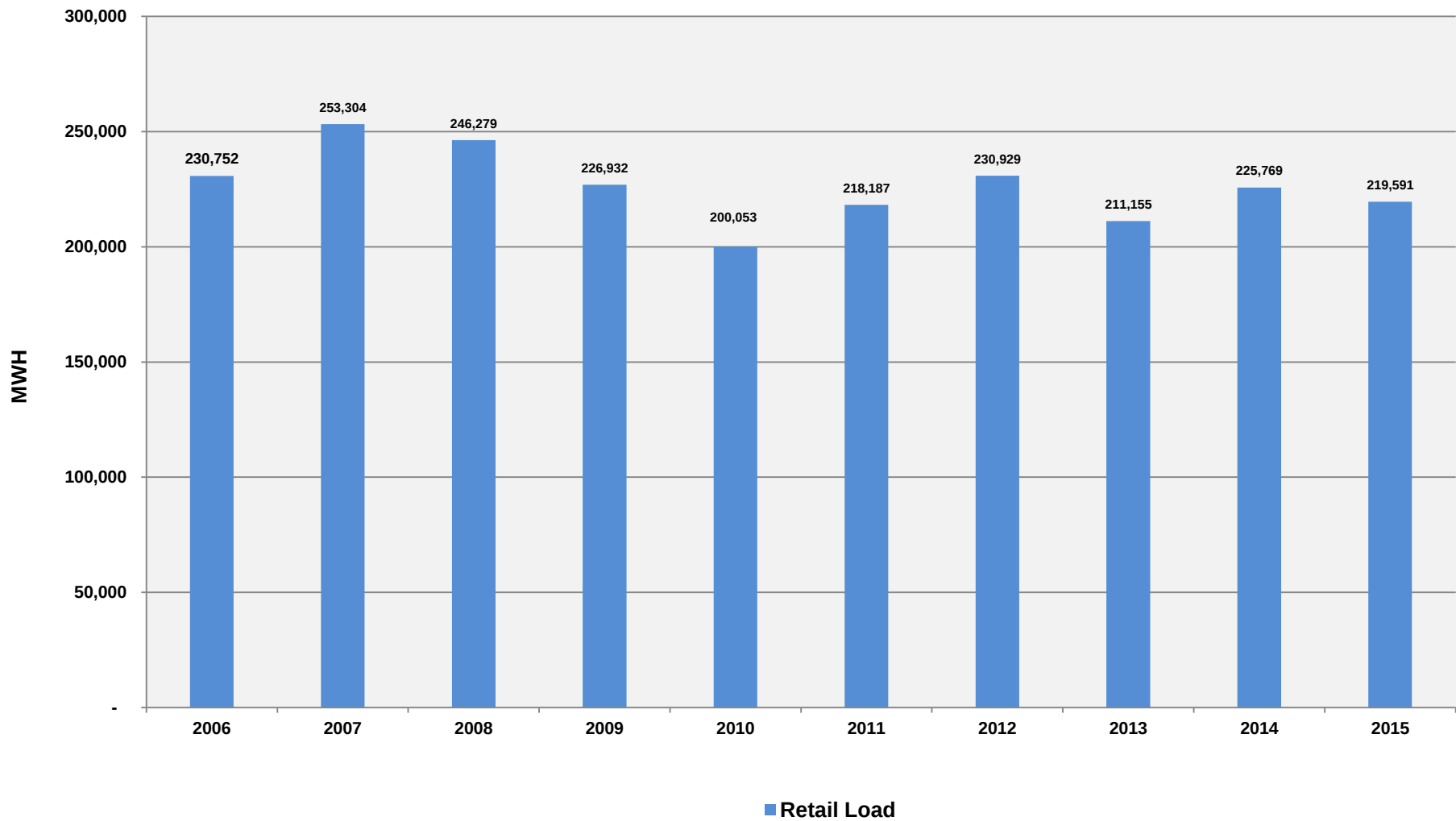


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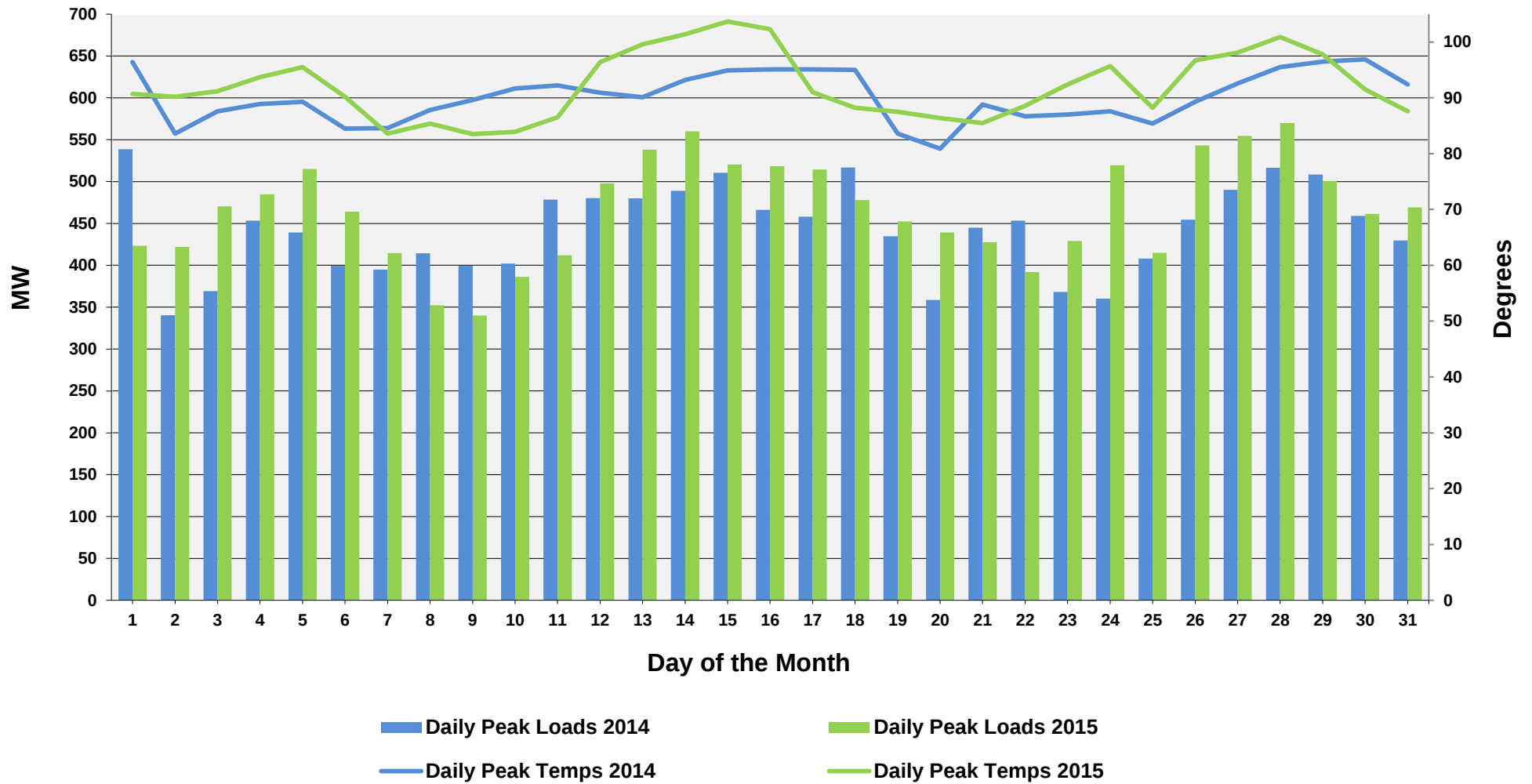


Chart 5
Monthly Peak Load & Temperature

