

**Part 1 - Appendix N**  
**GMOC Reports**

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**Missouri 4 CSR 240-22.030 (5)(C) Base-Case Load Forecast**  
**Load Analysis and Forecasting**

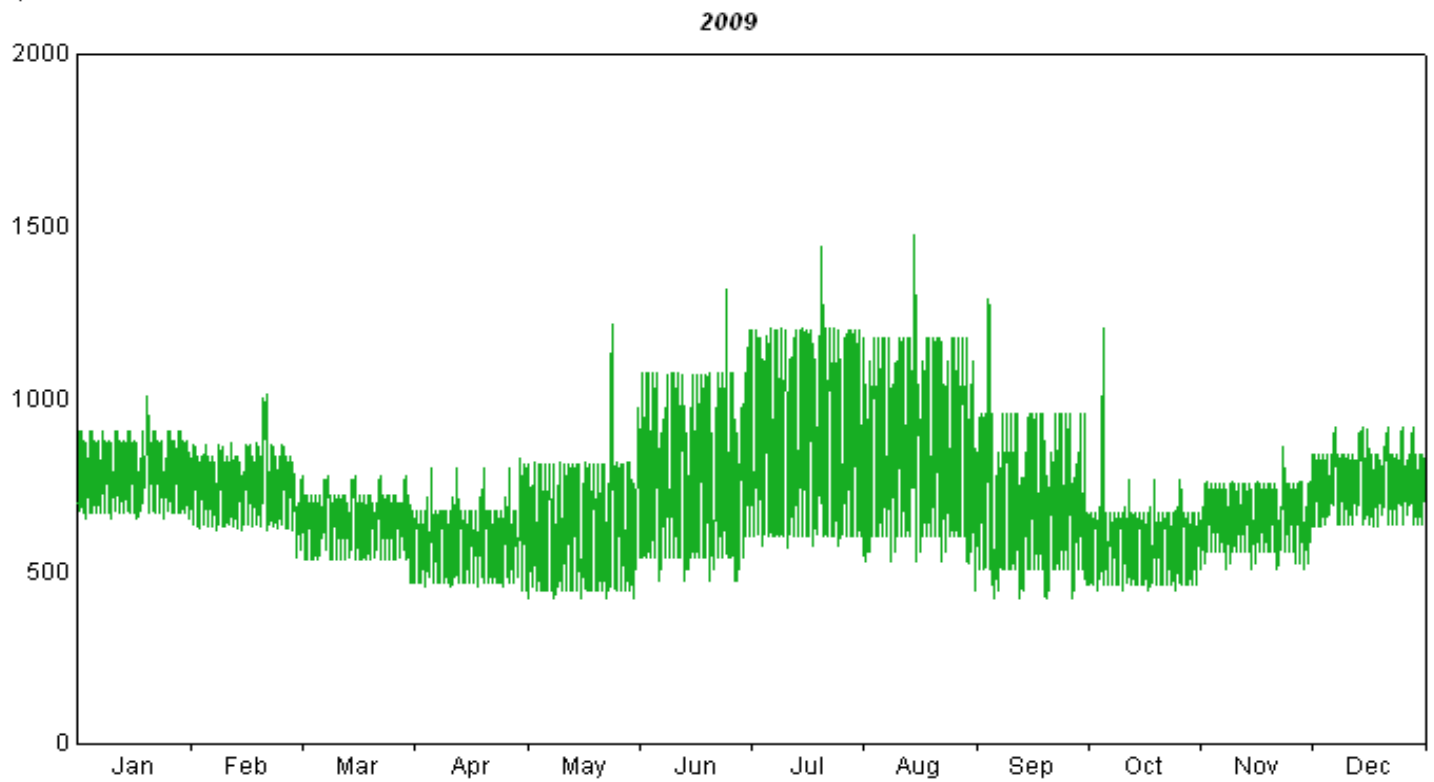
(5)(C) Net System Load Forecast. The Utility shall produce a forecast of net system load profiles for each year of the planning horizon. The net system load forecast shall be consistent with the utility's forecast of monthly energy and demands at time of summer and winter peaks for the major rate classes.

Compliance: See Plots N-1 through N-36 for base-case GMOC forecast reports designed to comply with section (5)(C) reporting requirements.

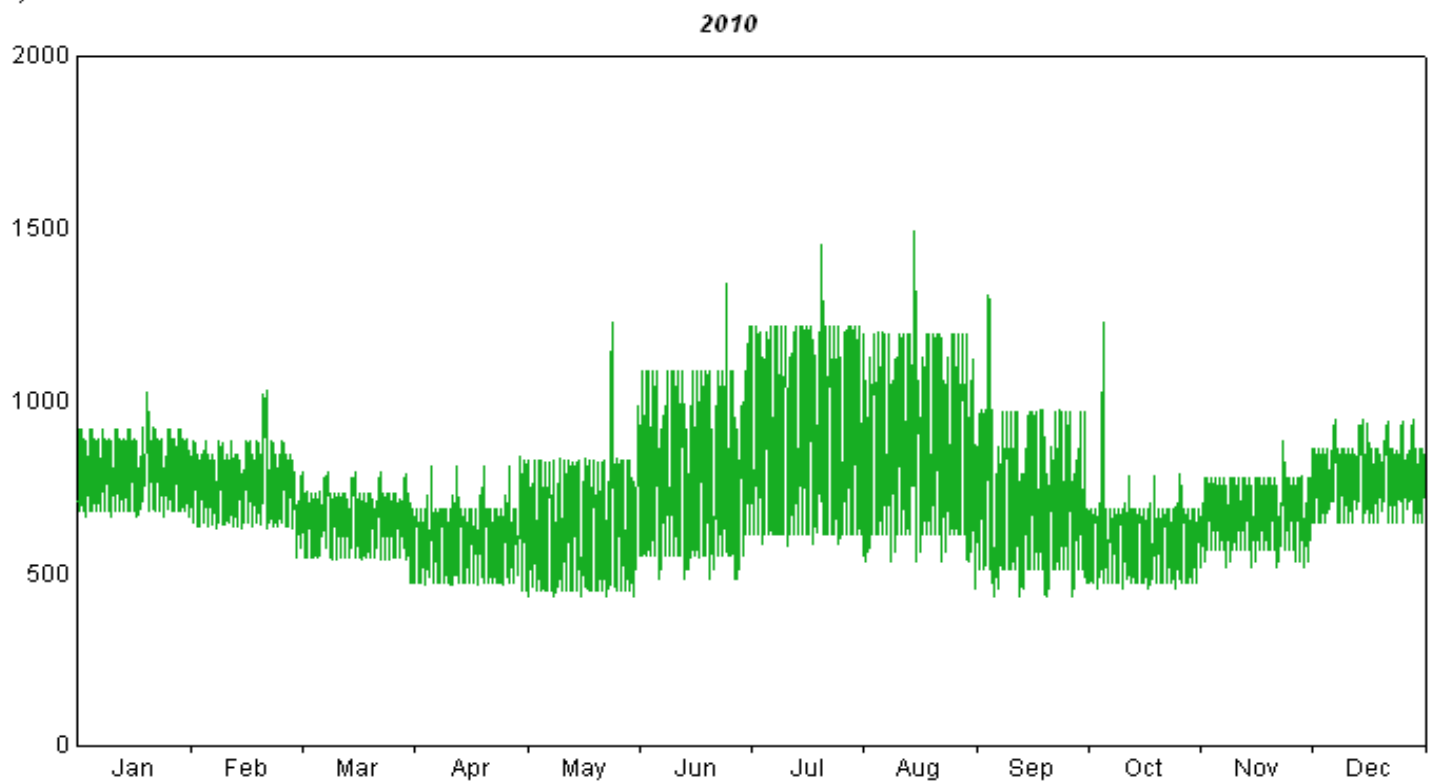
Linked Files:

**Plot N-1 MPS 2009 & 2010 Load Profiles**

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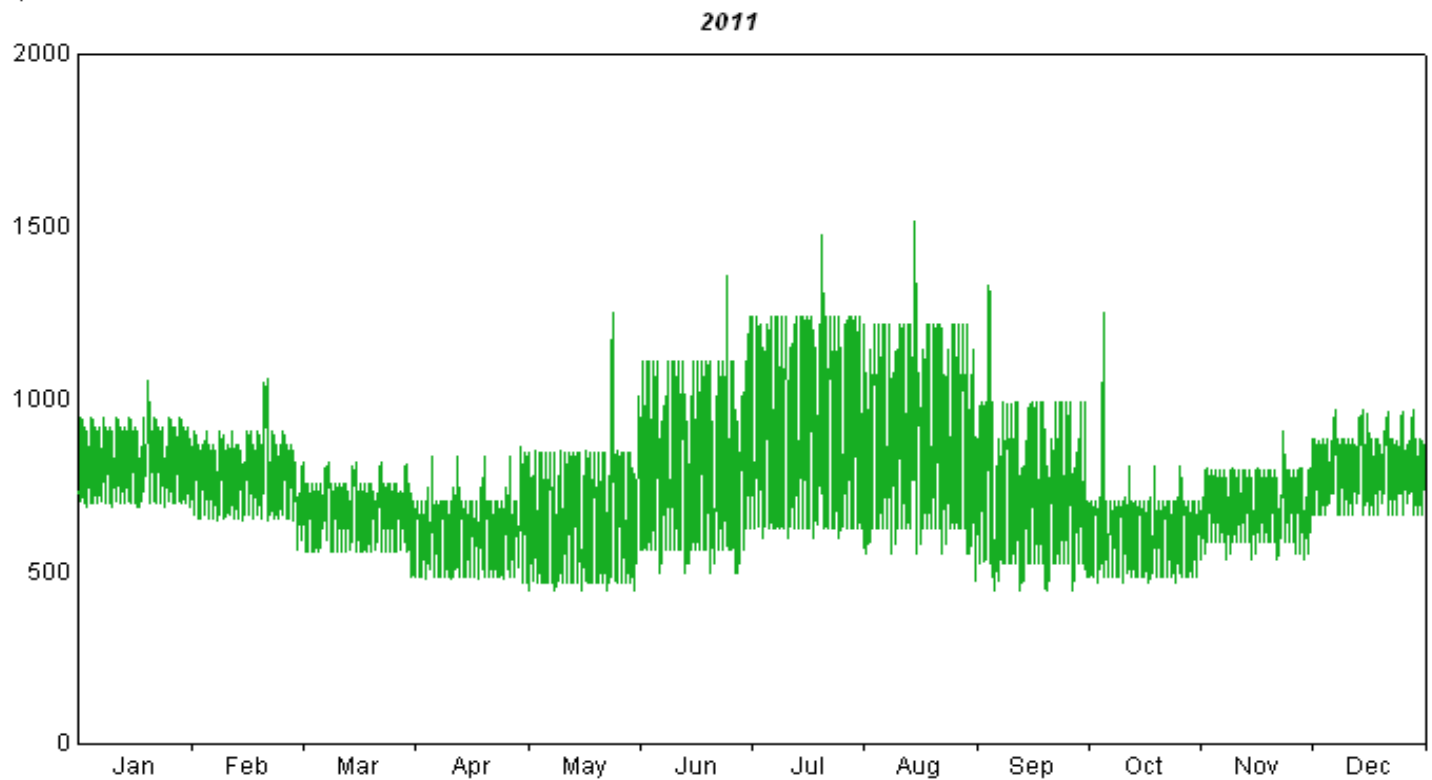


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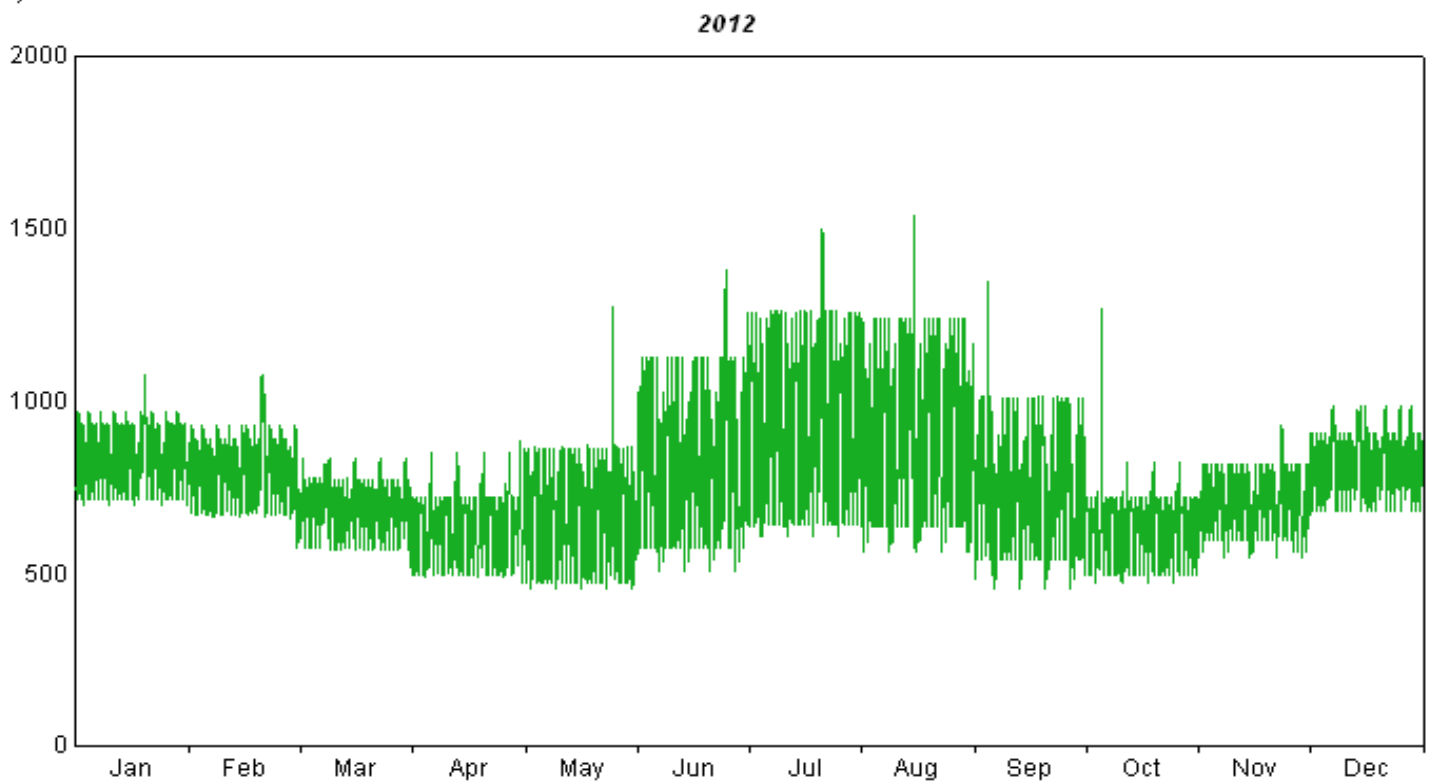


**Plot N-2 MPS 2011 & 2012 Load Profiles**

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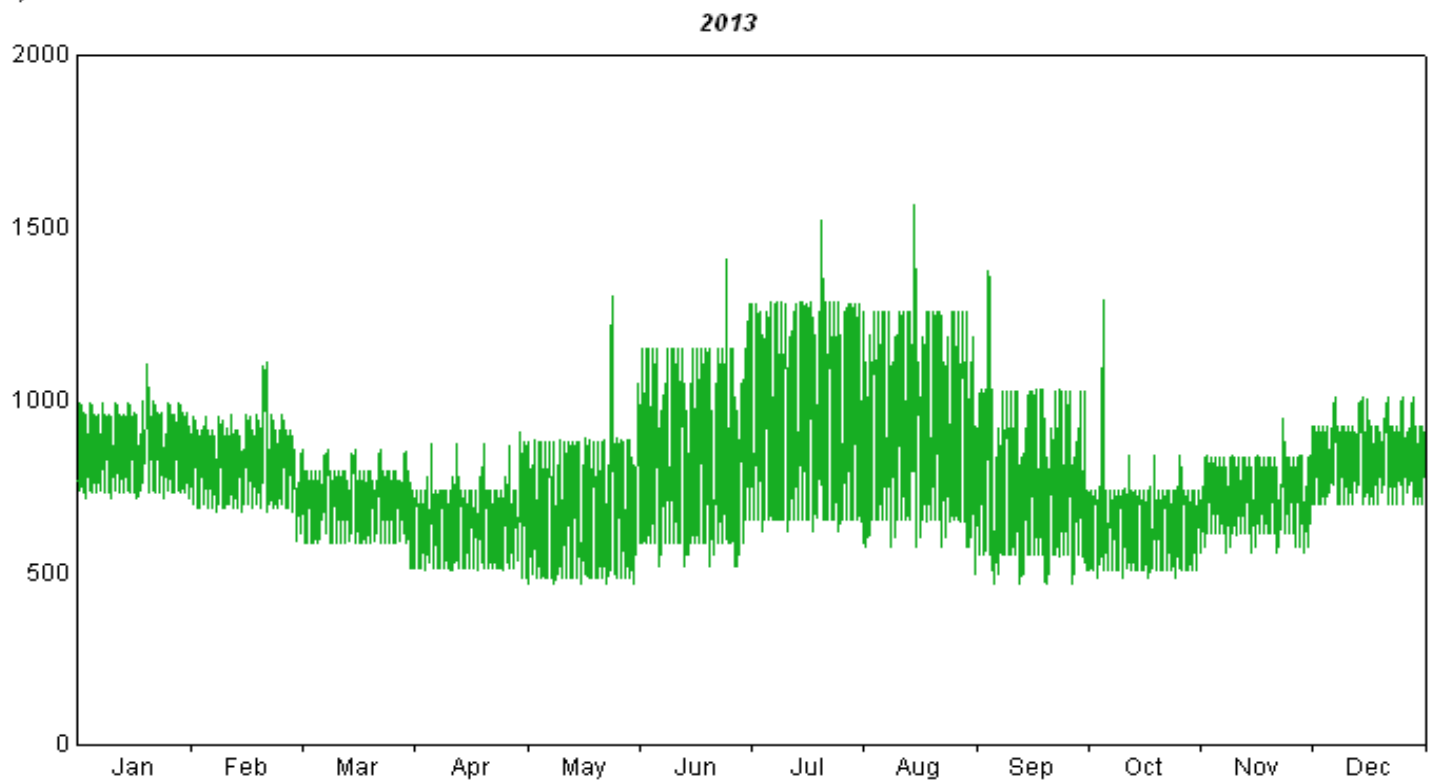


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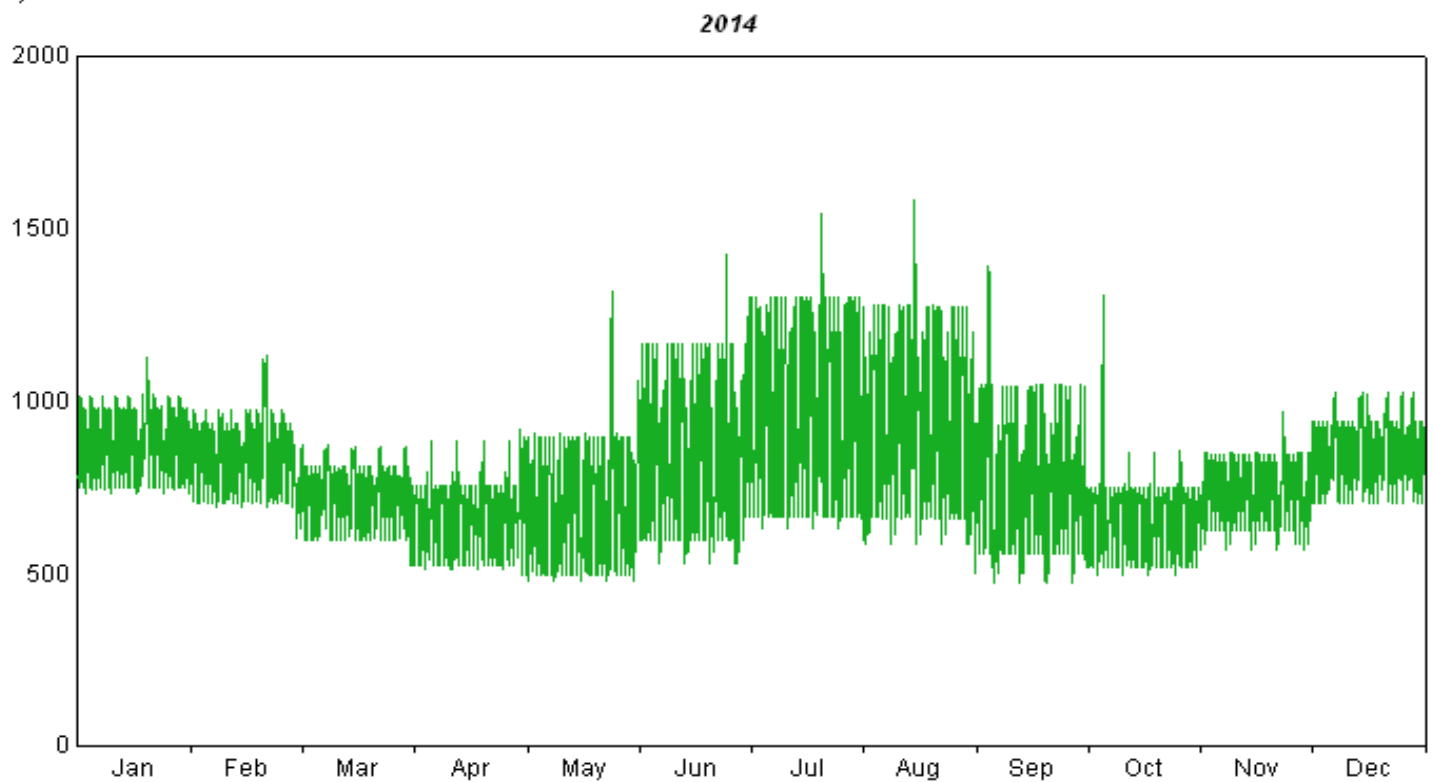


**Plot N-3 MPS 2013 & 2014 Load Profiles**

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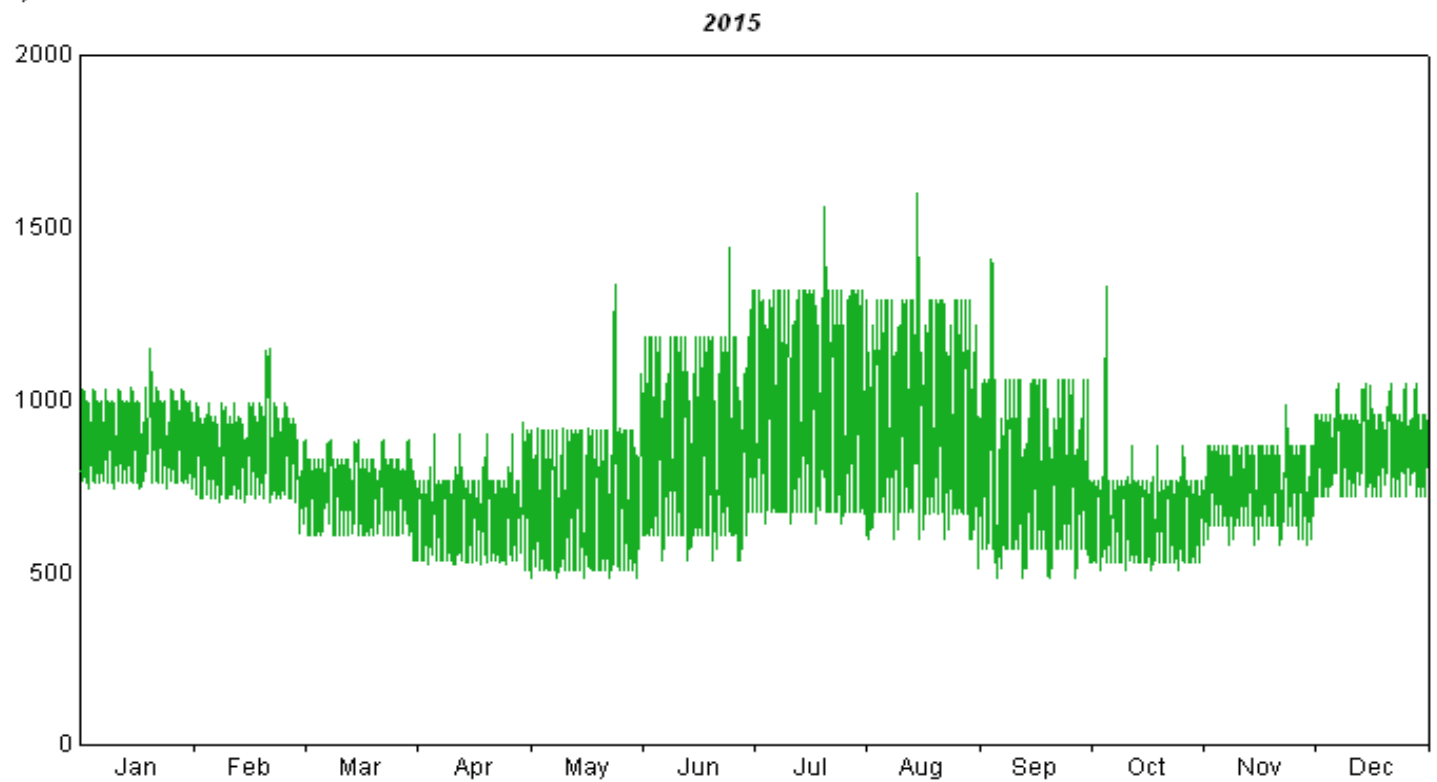


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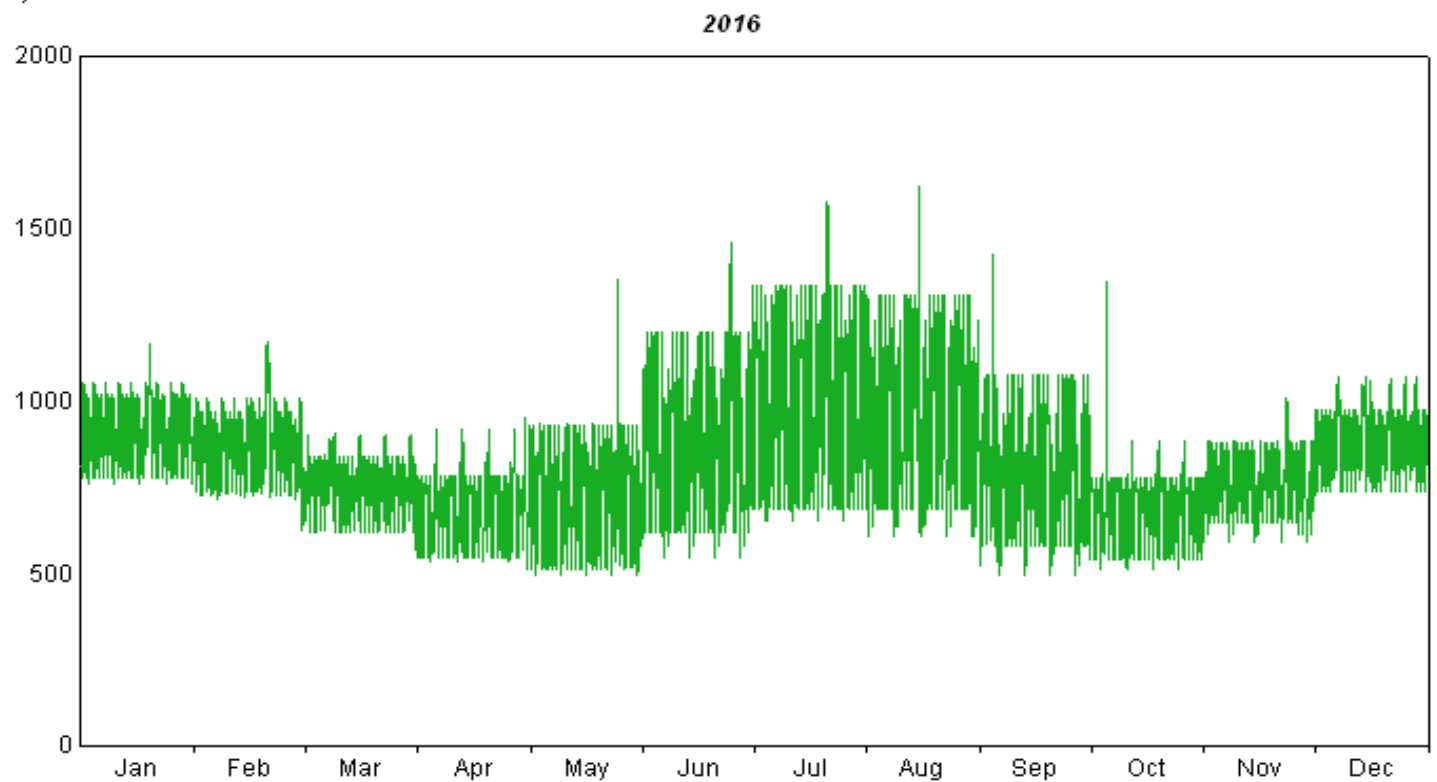


**Plot N-4 MPS 2015 & 2016 Load Profiles**

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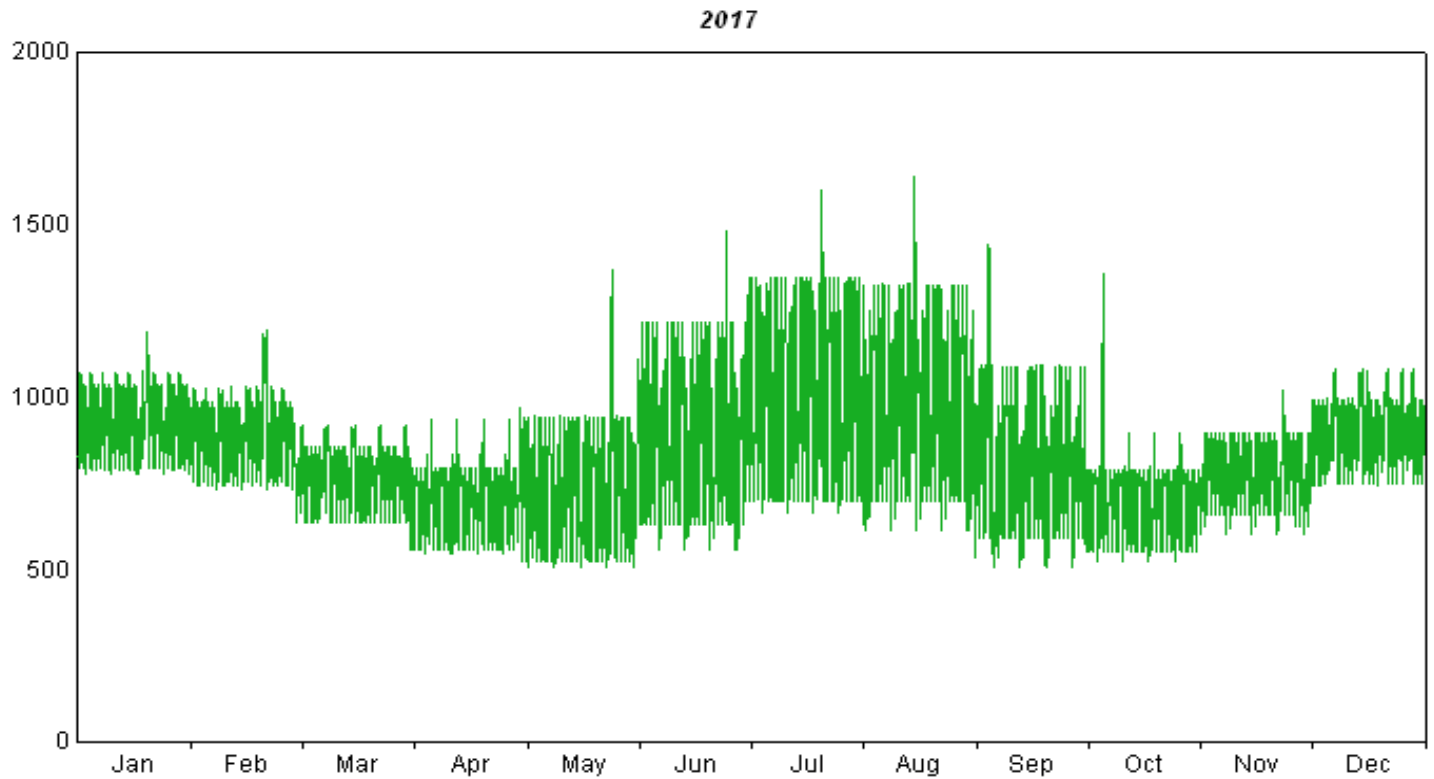


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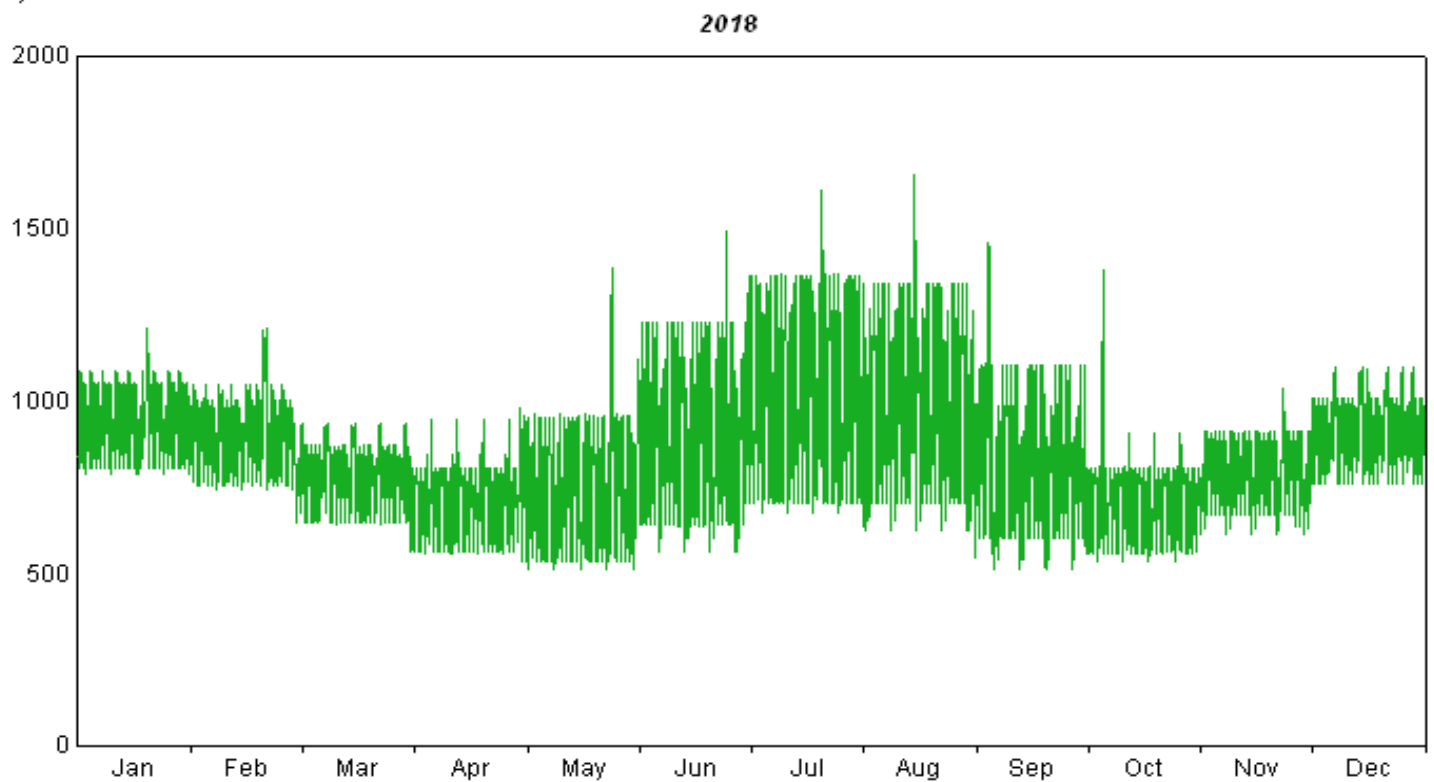


**Plot N-5 MPS 2017 & 2018 Load Profiles**

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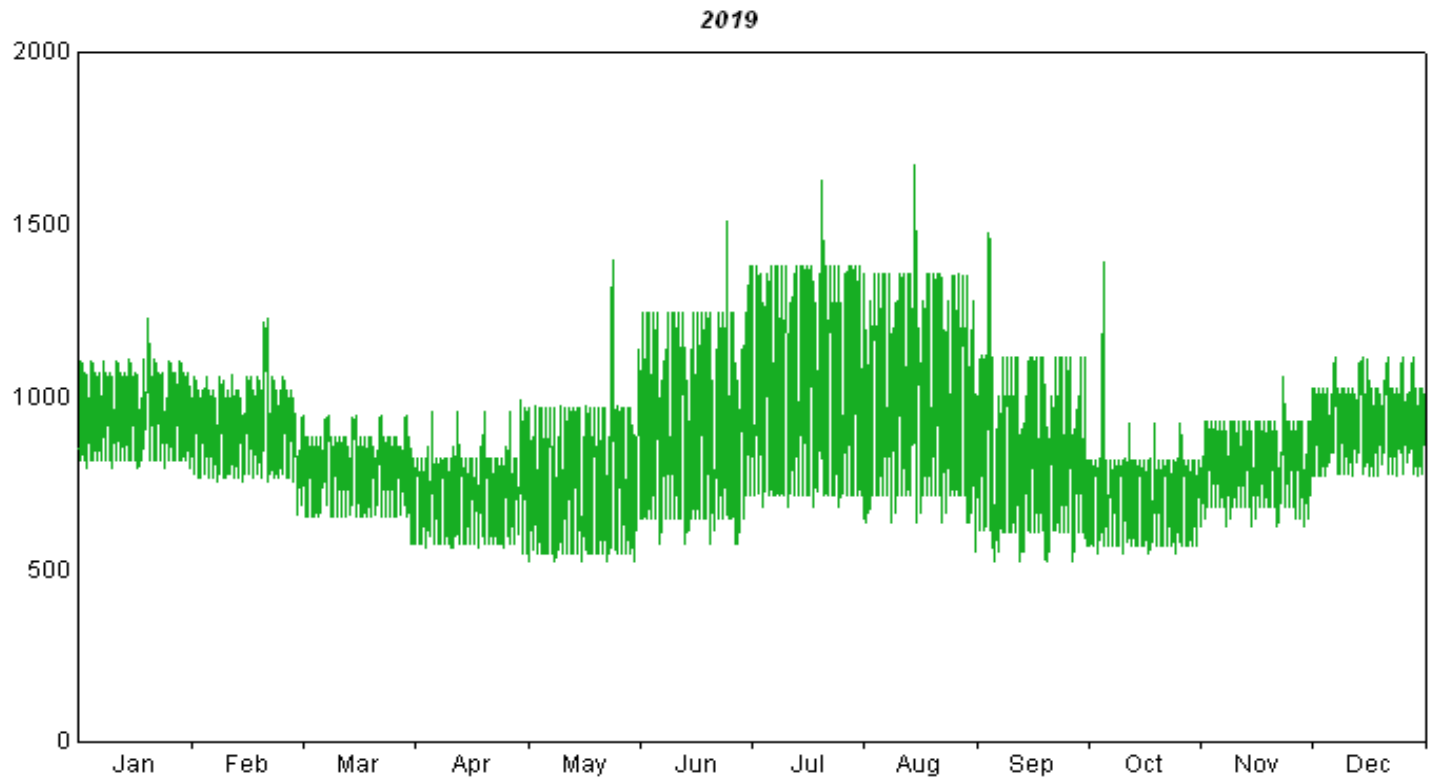


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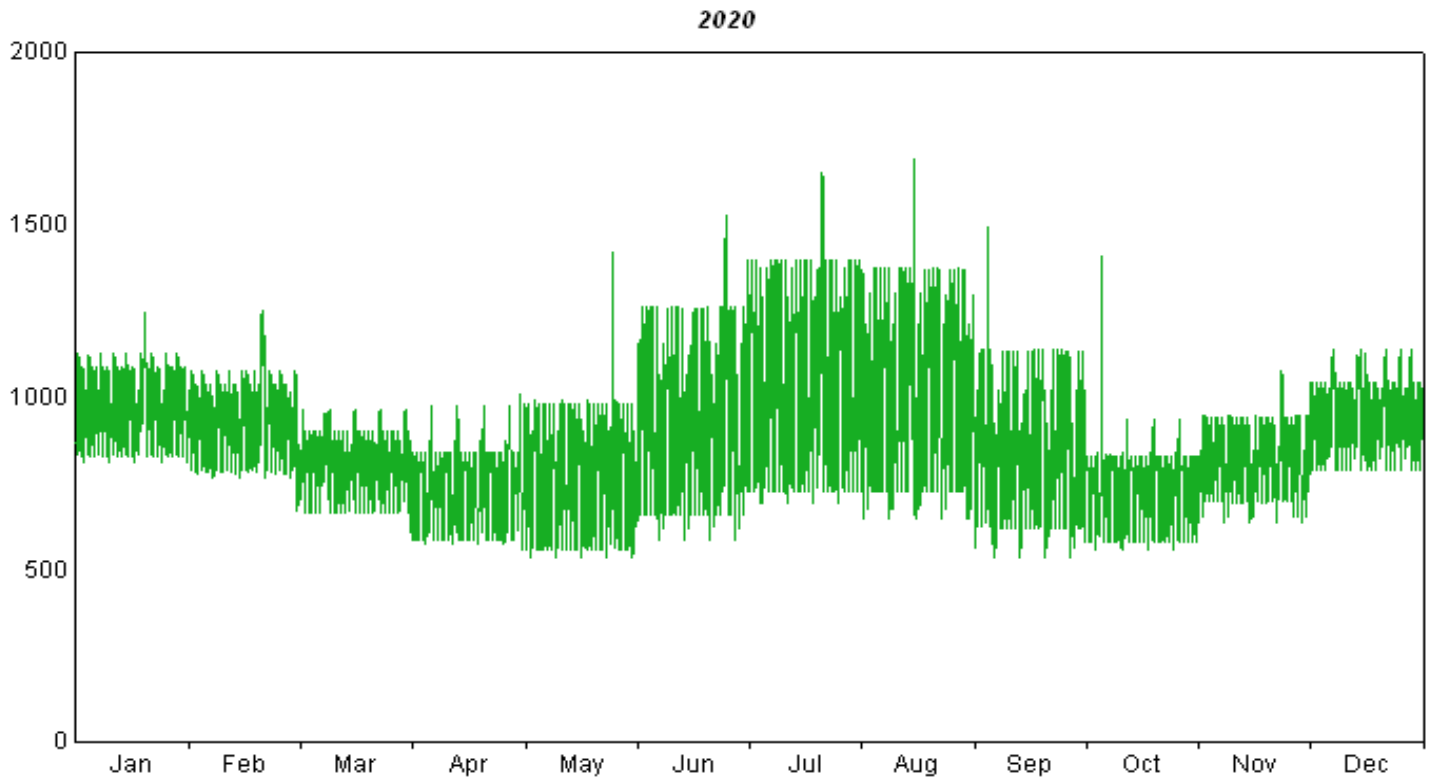


**Plot N-6 MPS 2019 & 2020 Load Profiles**

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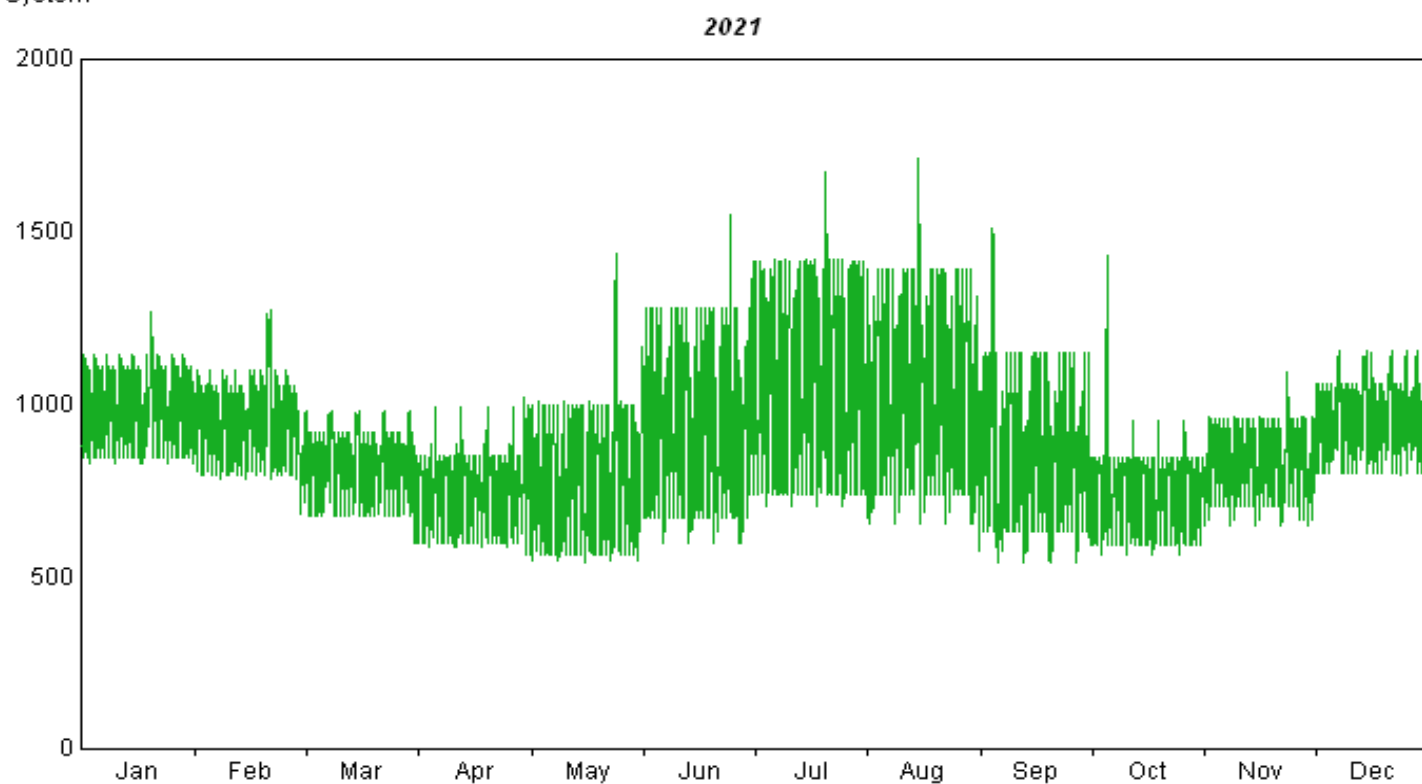


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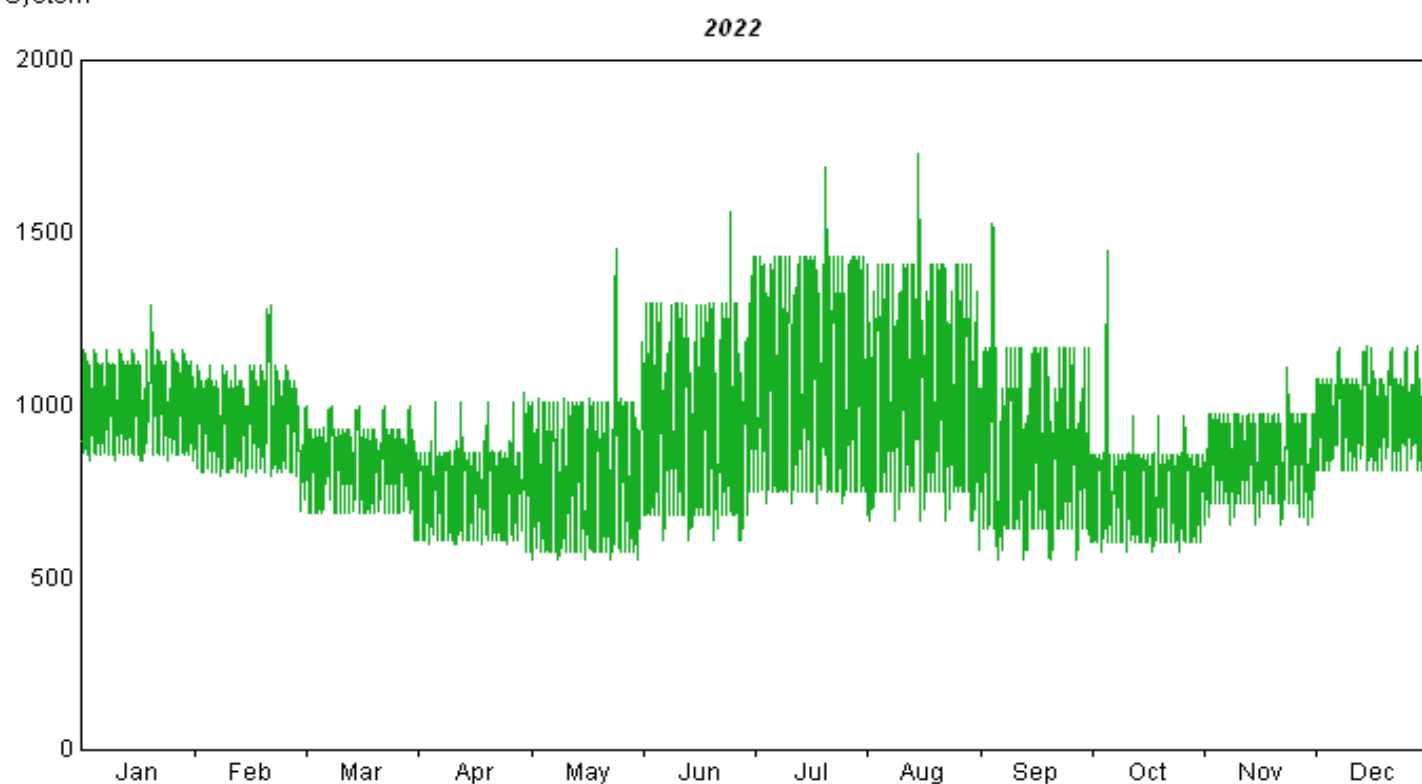


**Plot N-7 MPS 2021 & 2022 Load Profiles**

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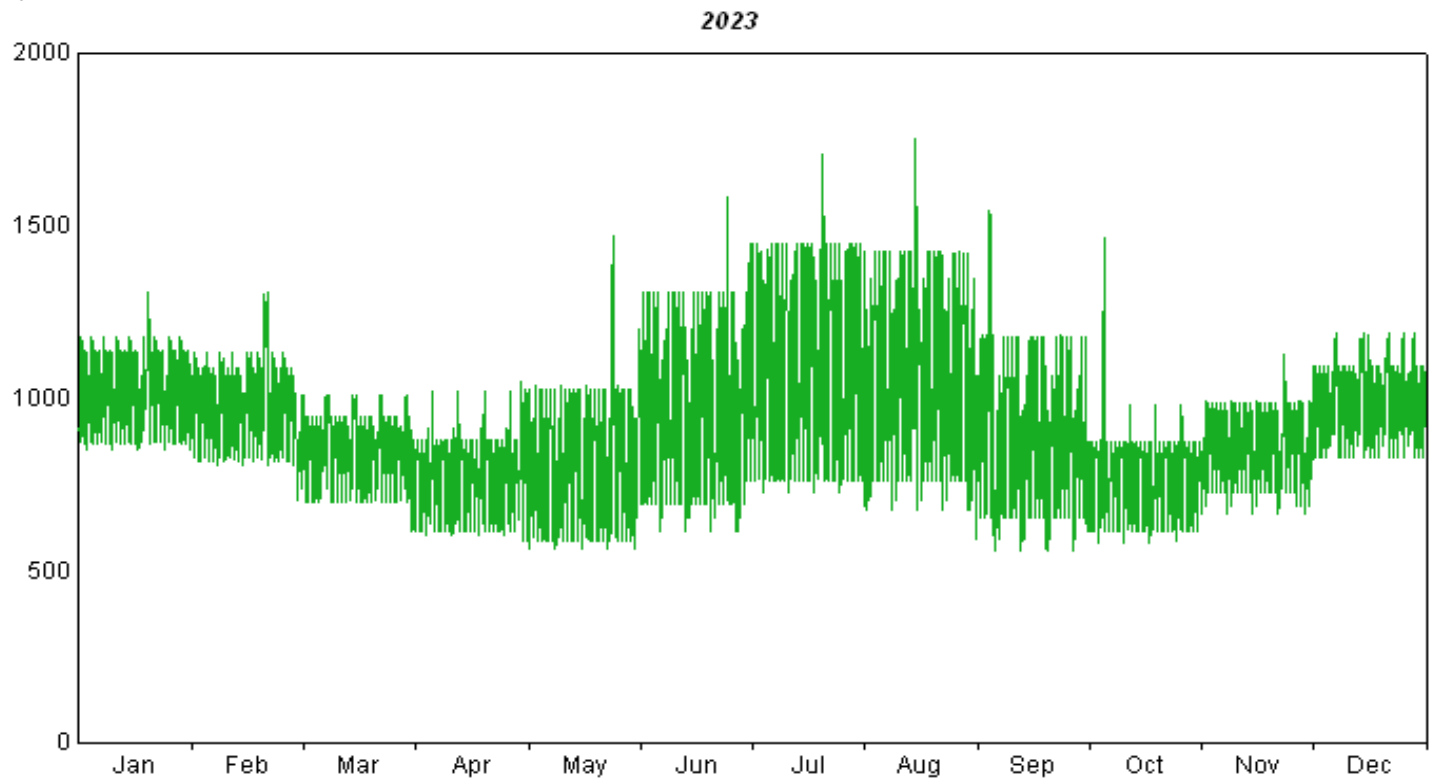
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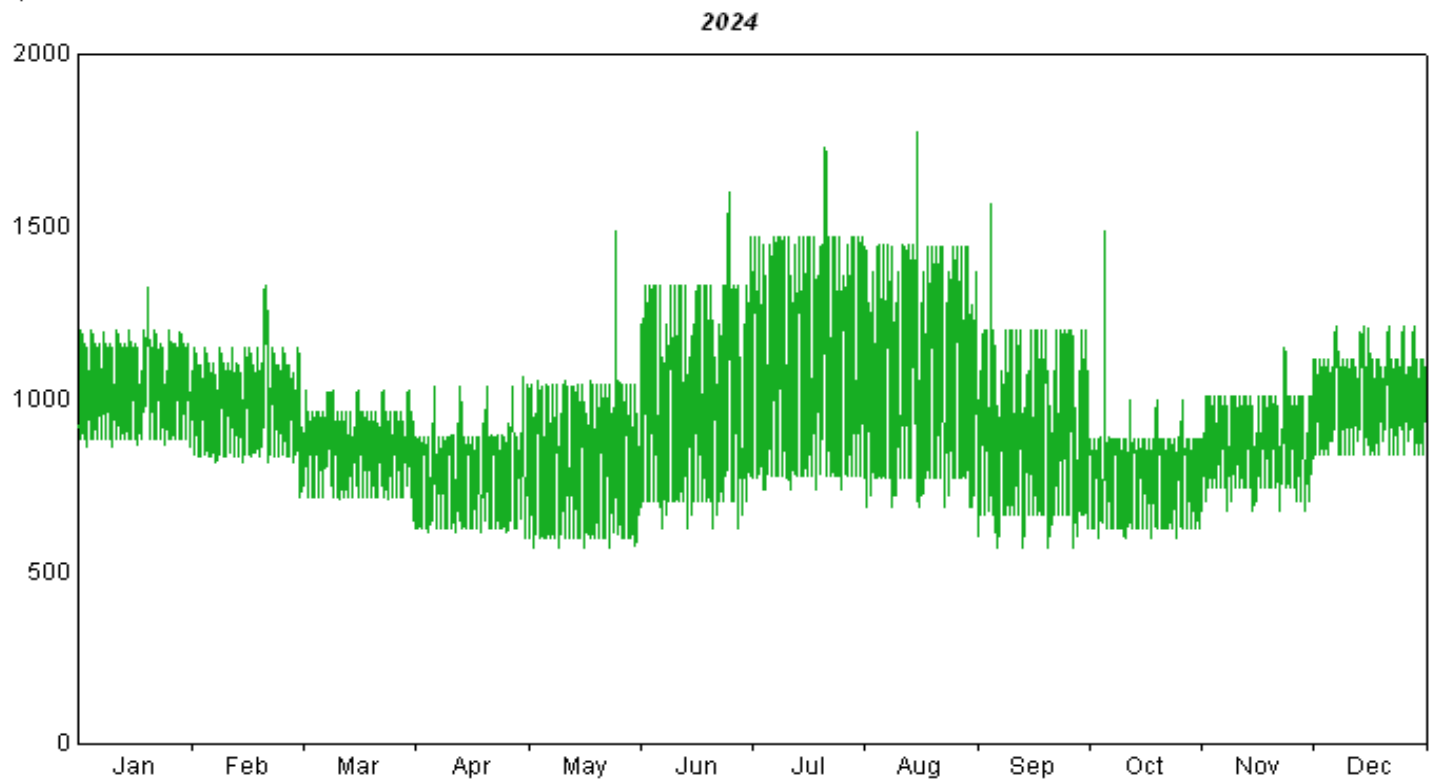


Plot N-8 MPS 2023 & 2024 Load Profiles

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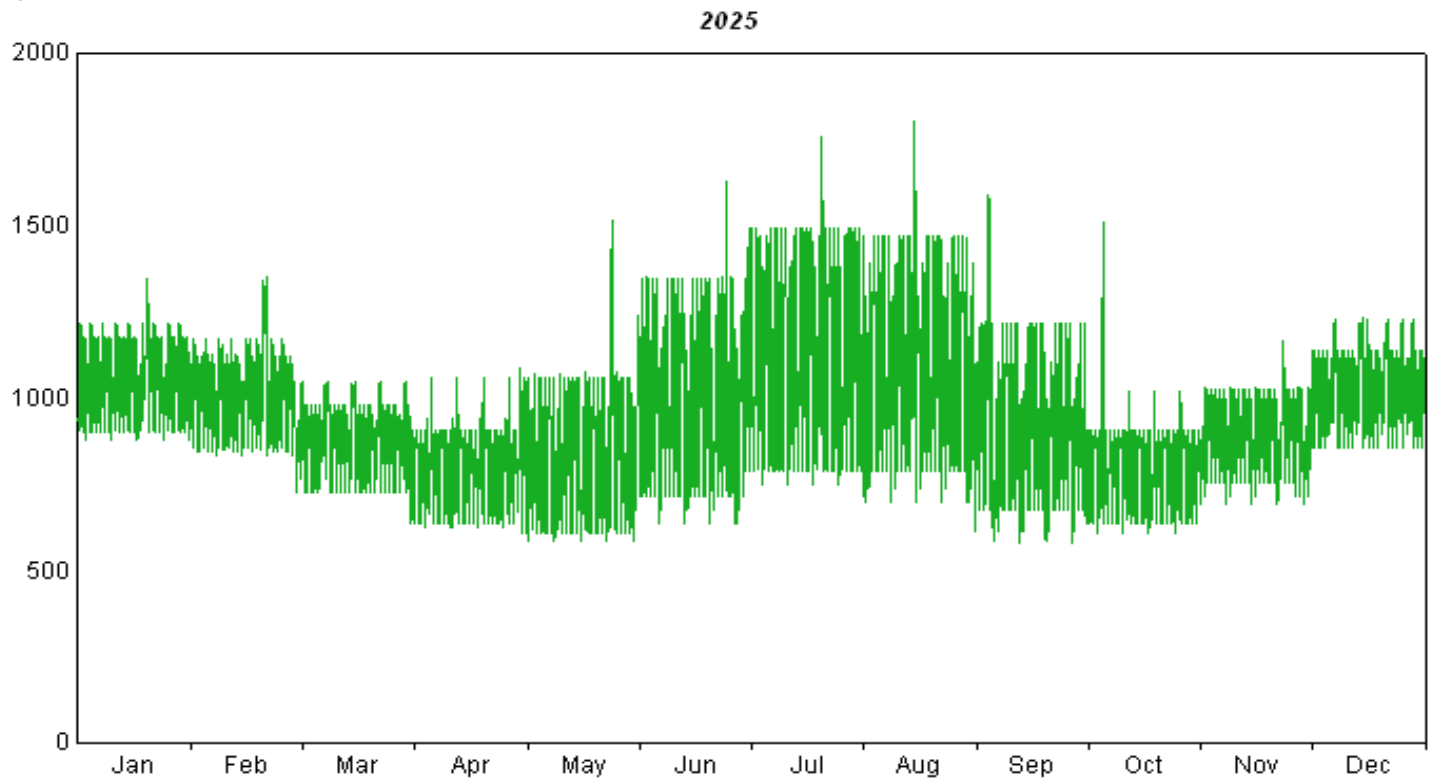


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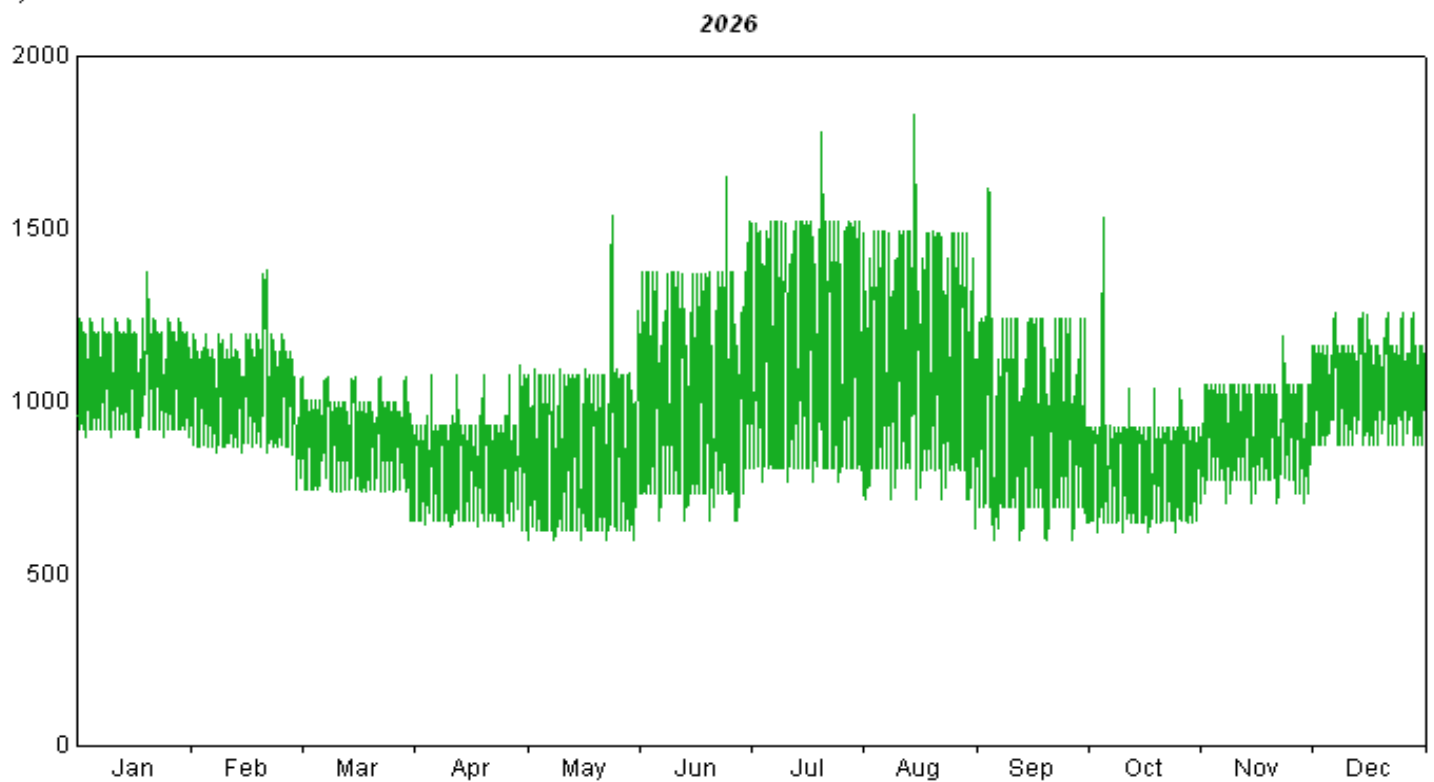


**Plot N-9 MPS 2025 & 2026 Load Profiles**

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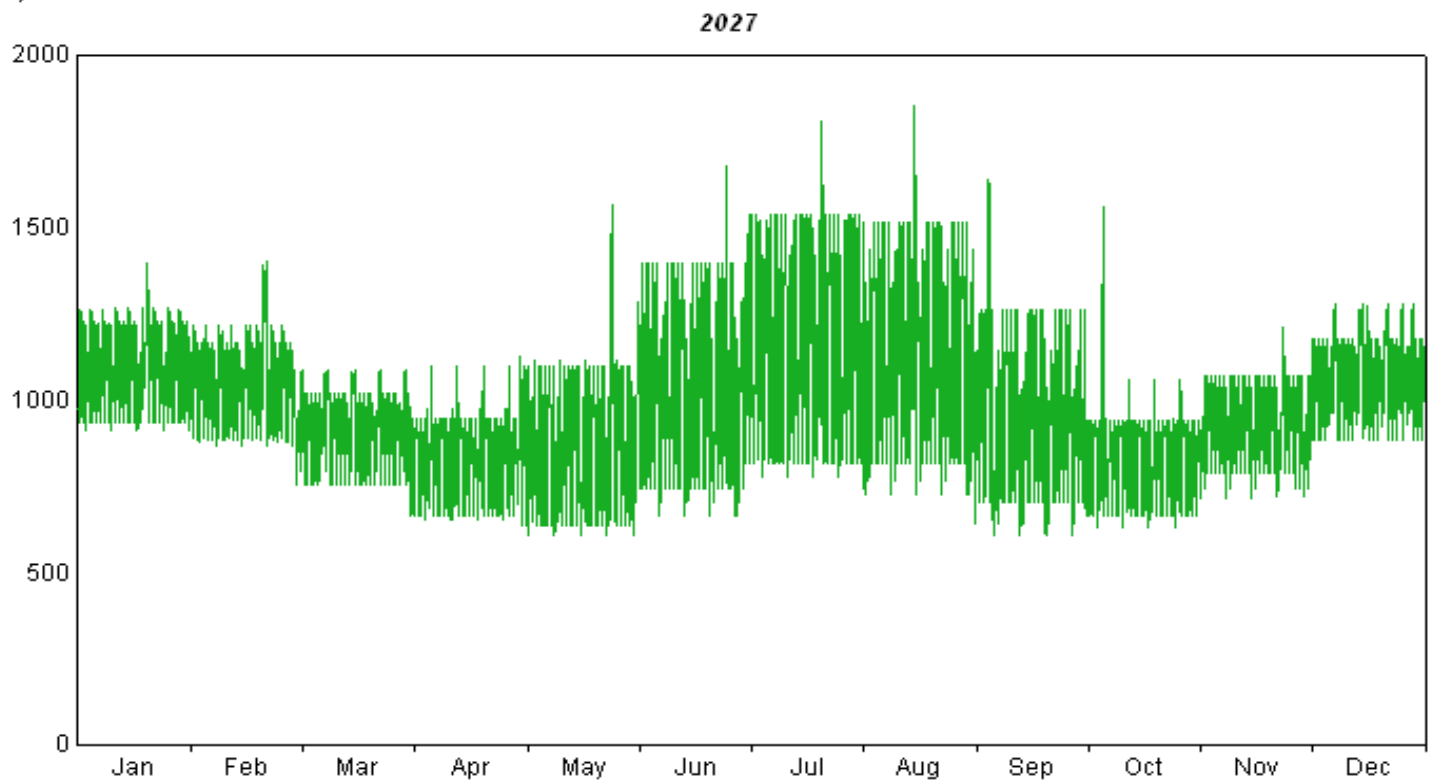


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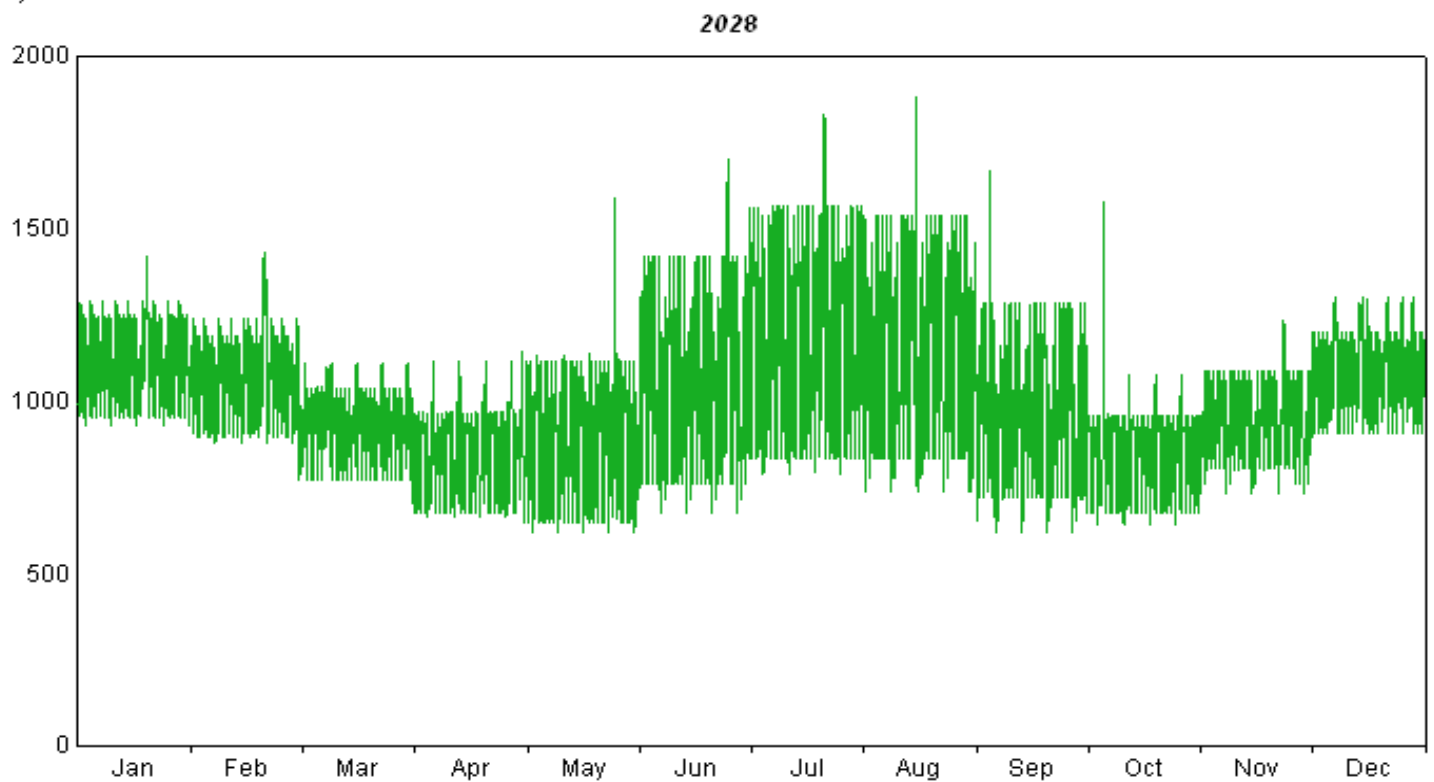


**Plot N-10 MPS 2027 & 2028 Load Profiles**

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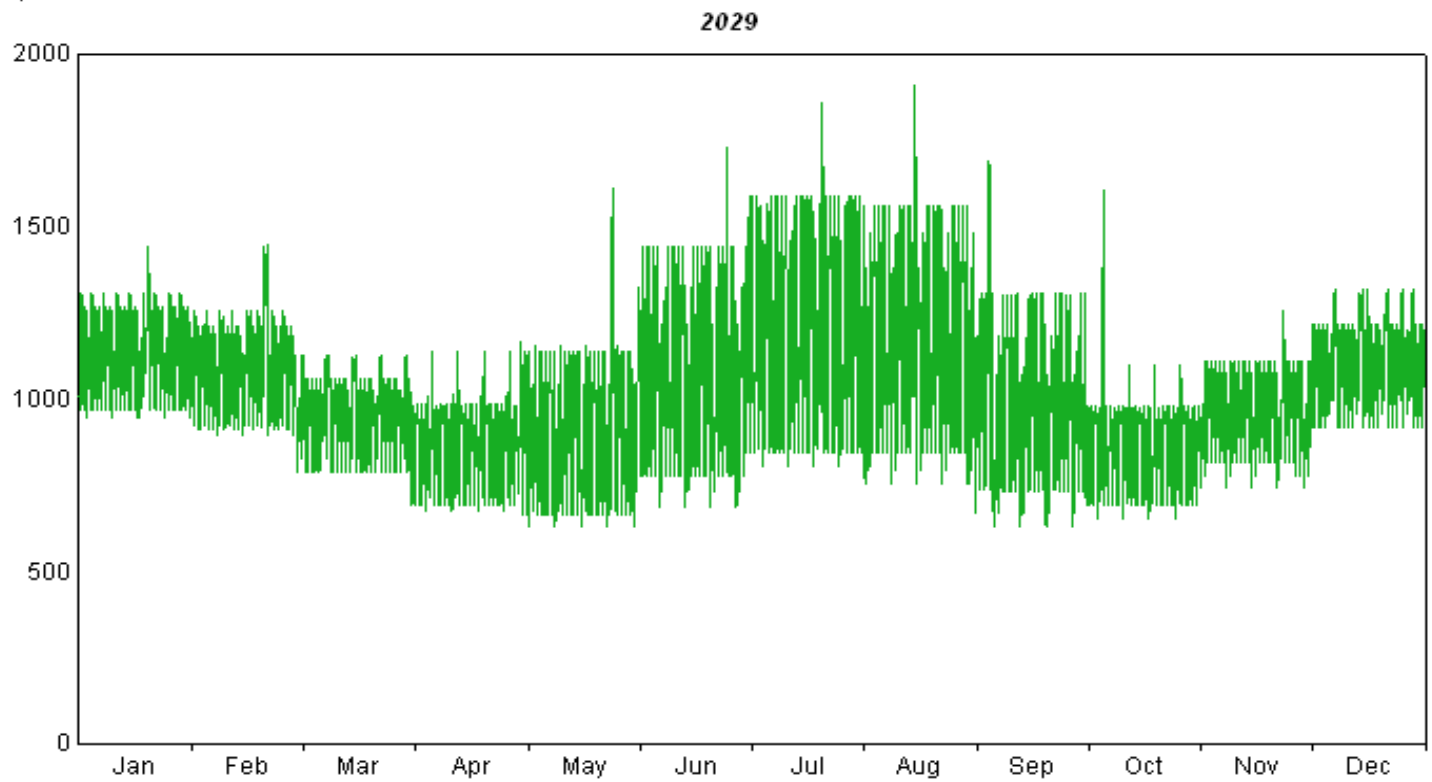


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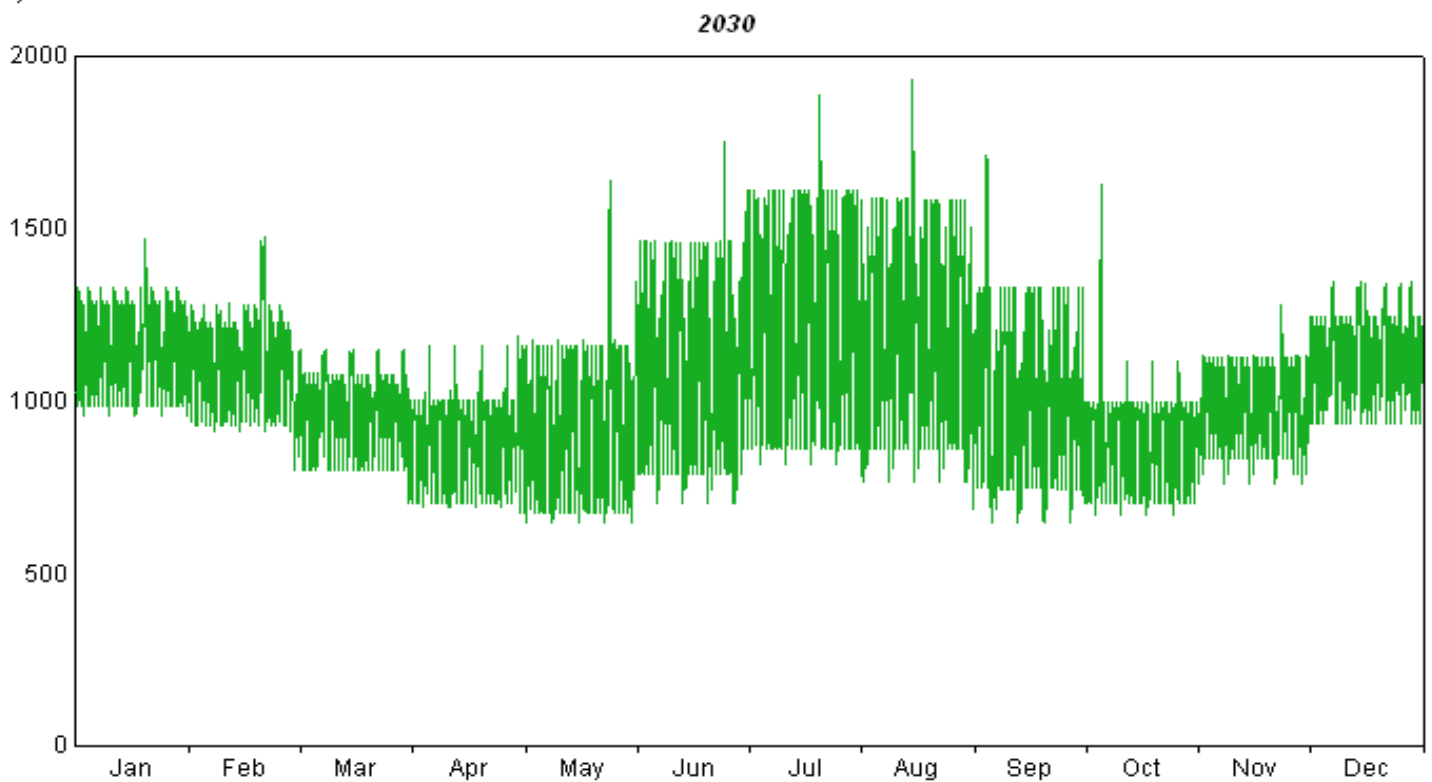


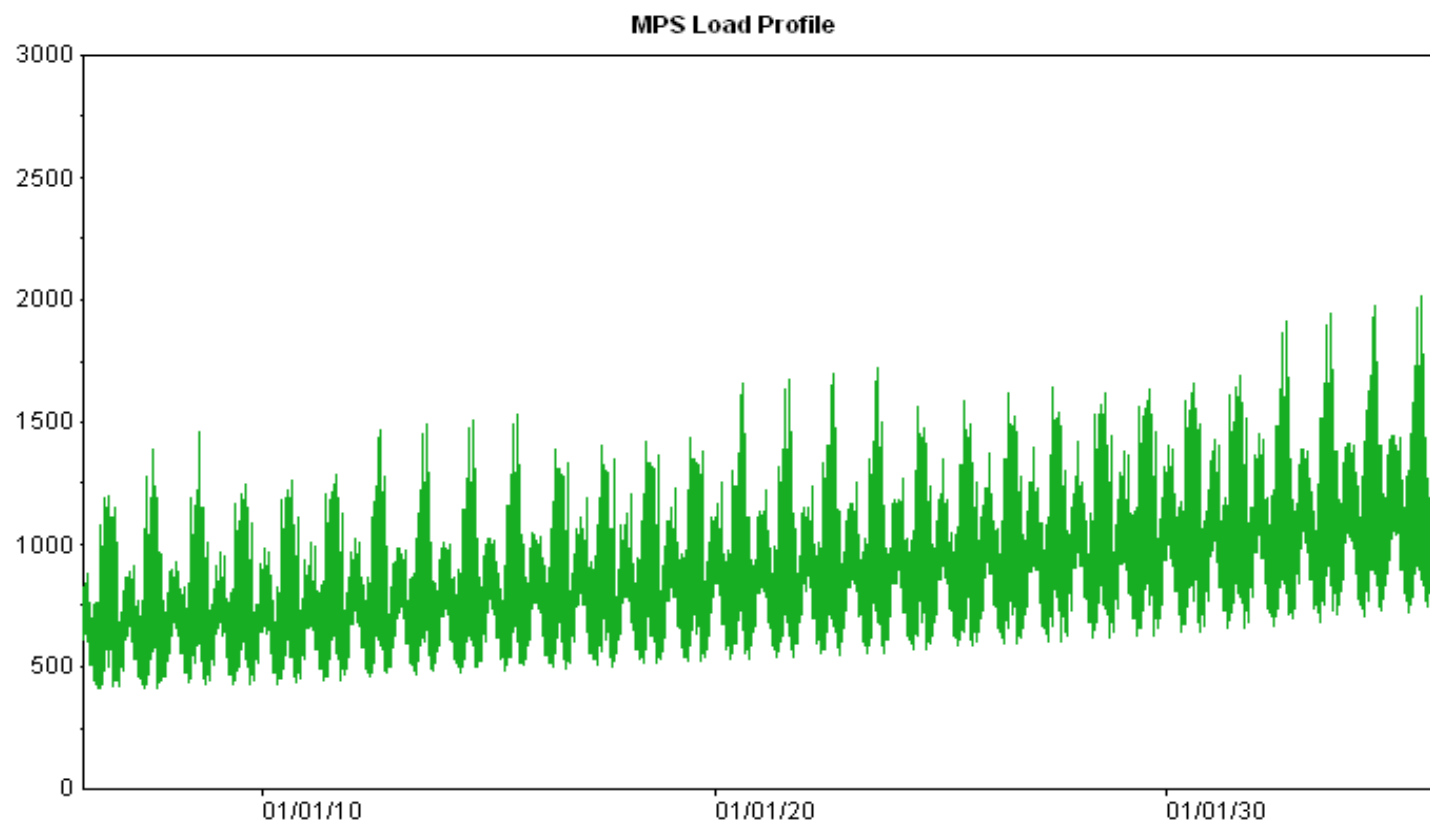
**Plot N-11 MPS 2029 & 2030 Load Profiles**

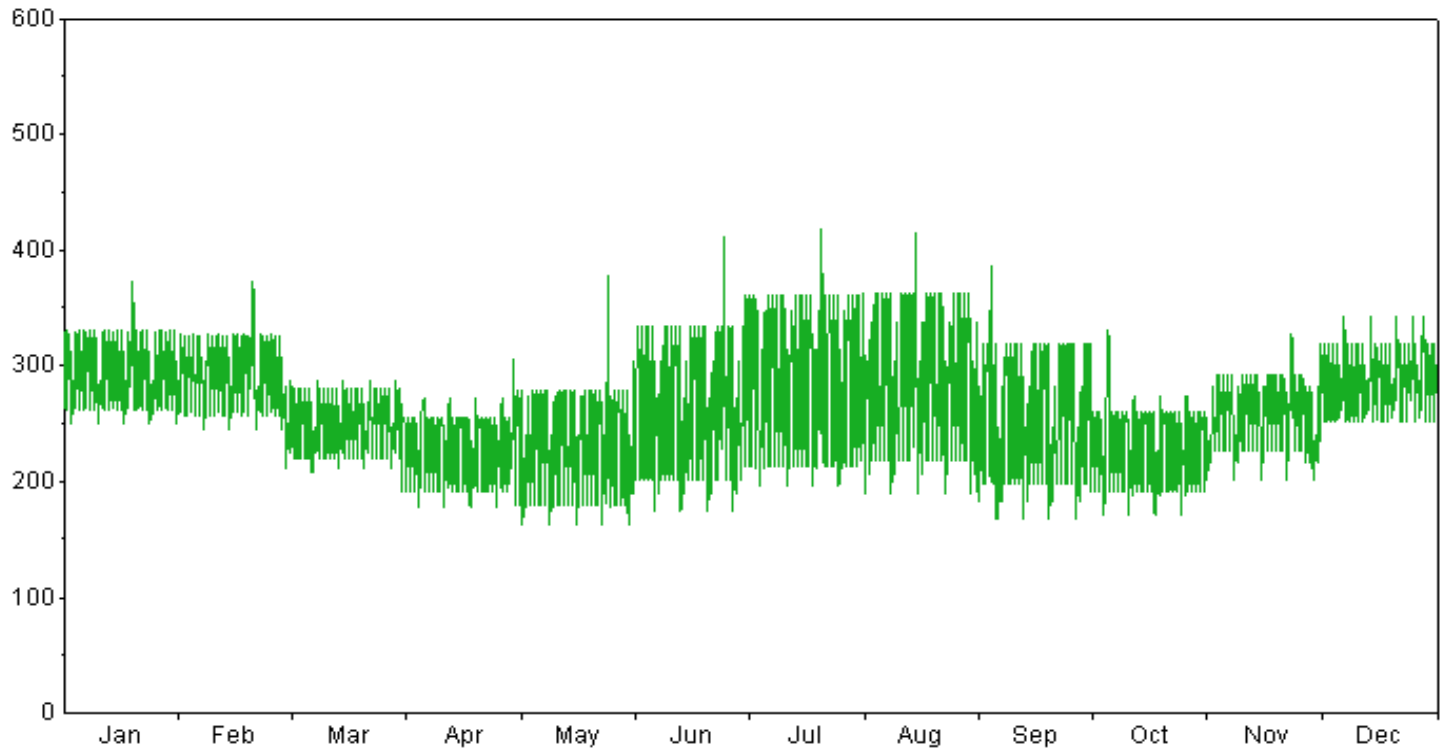
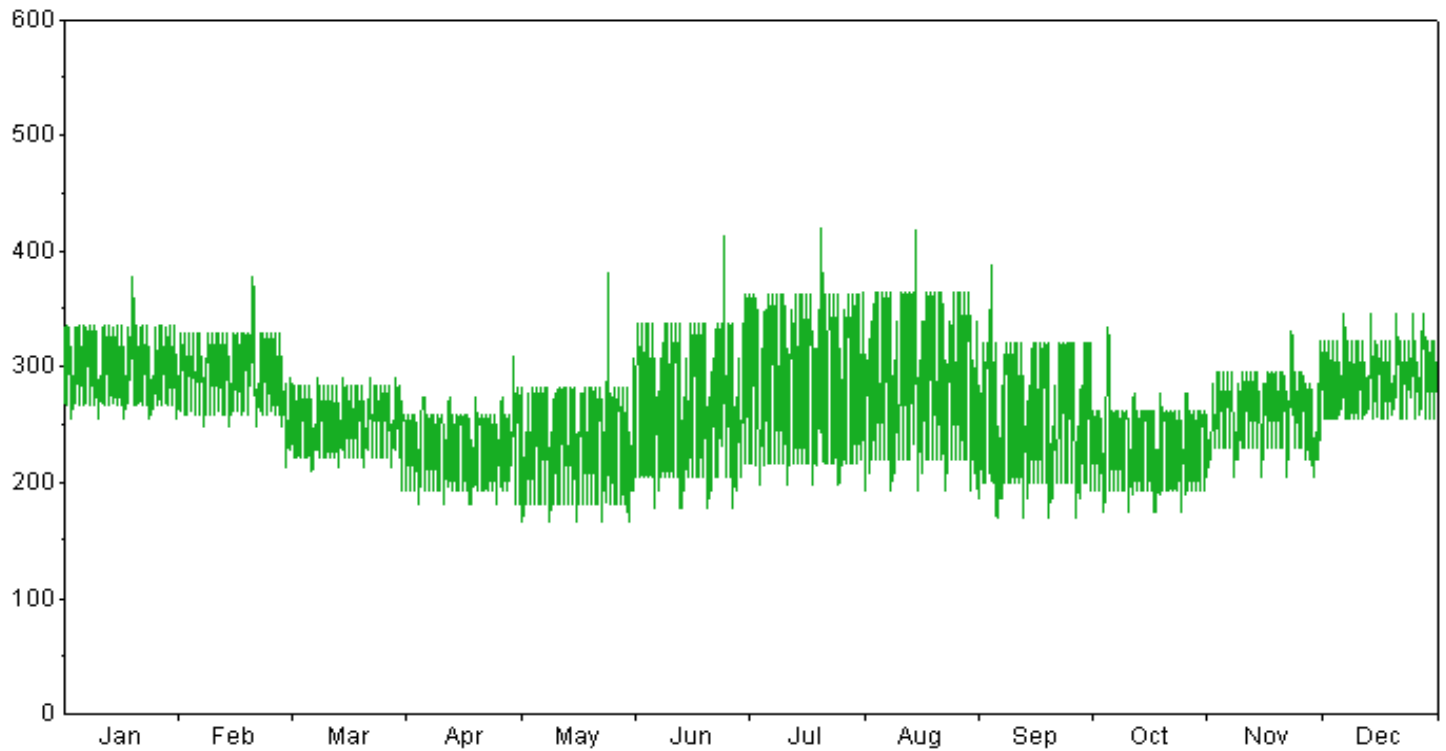
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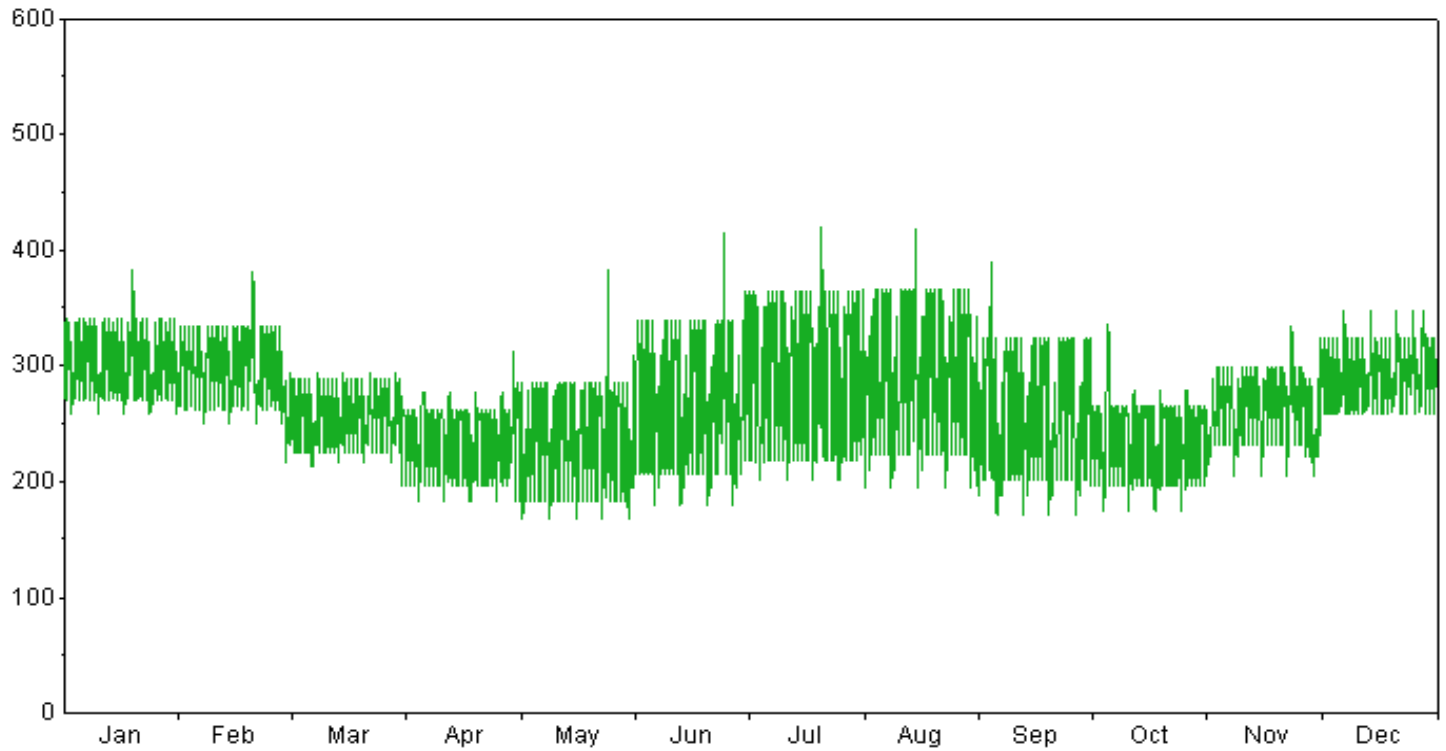
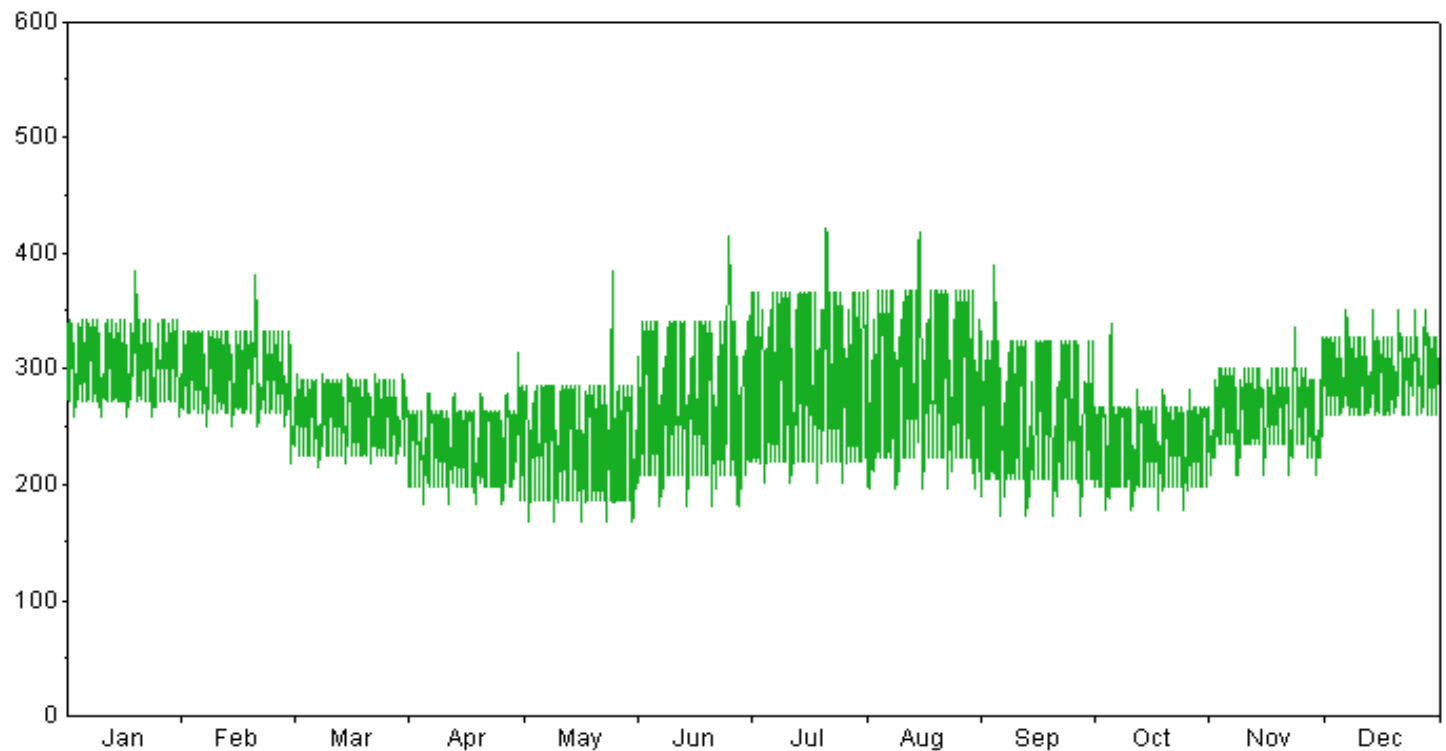


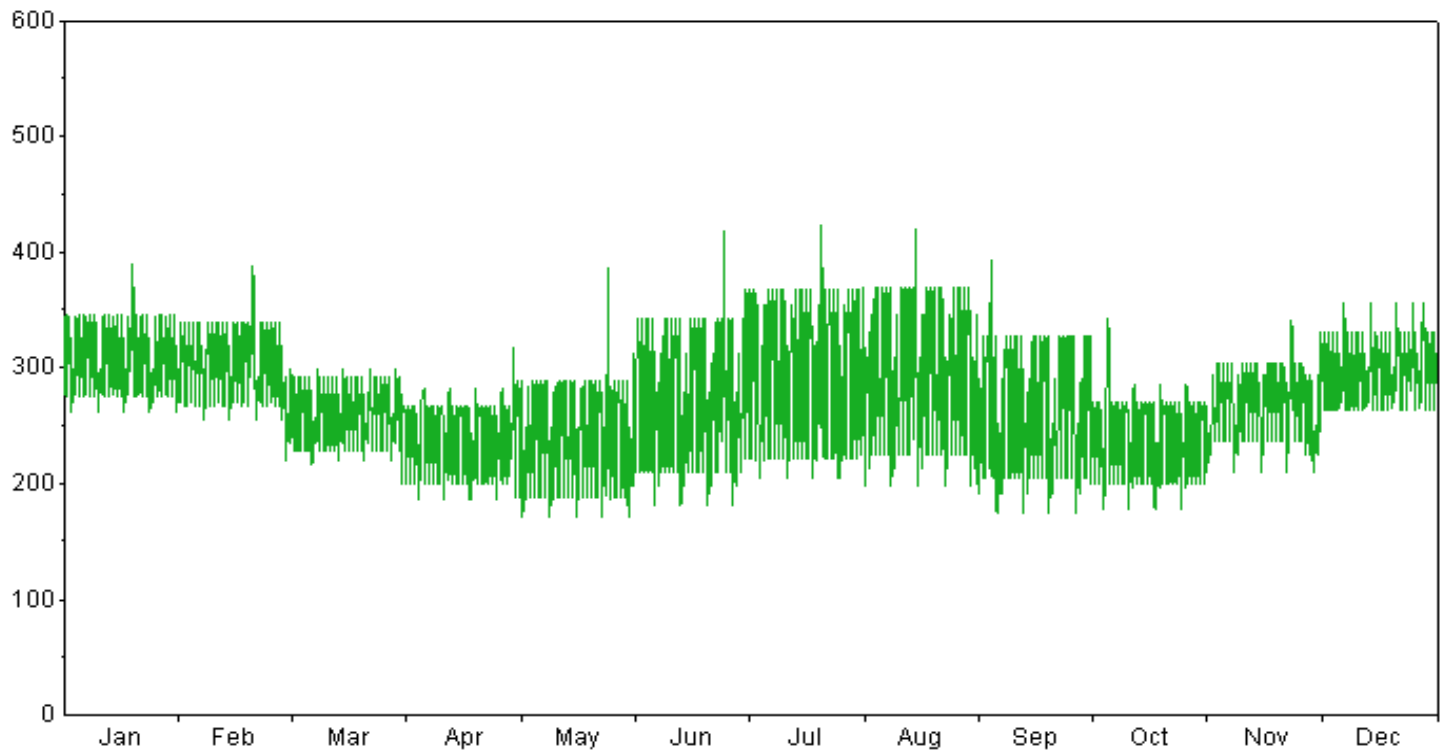
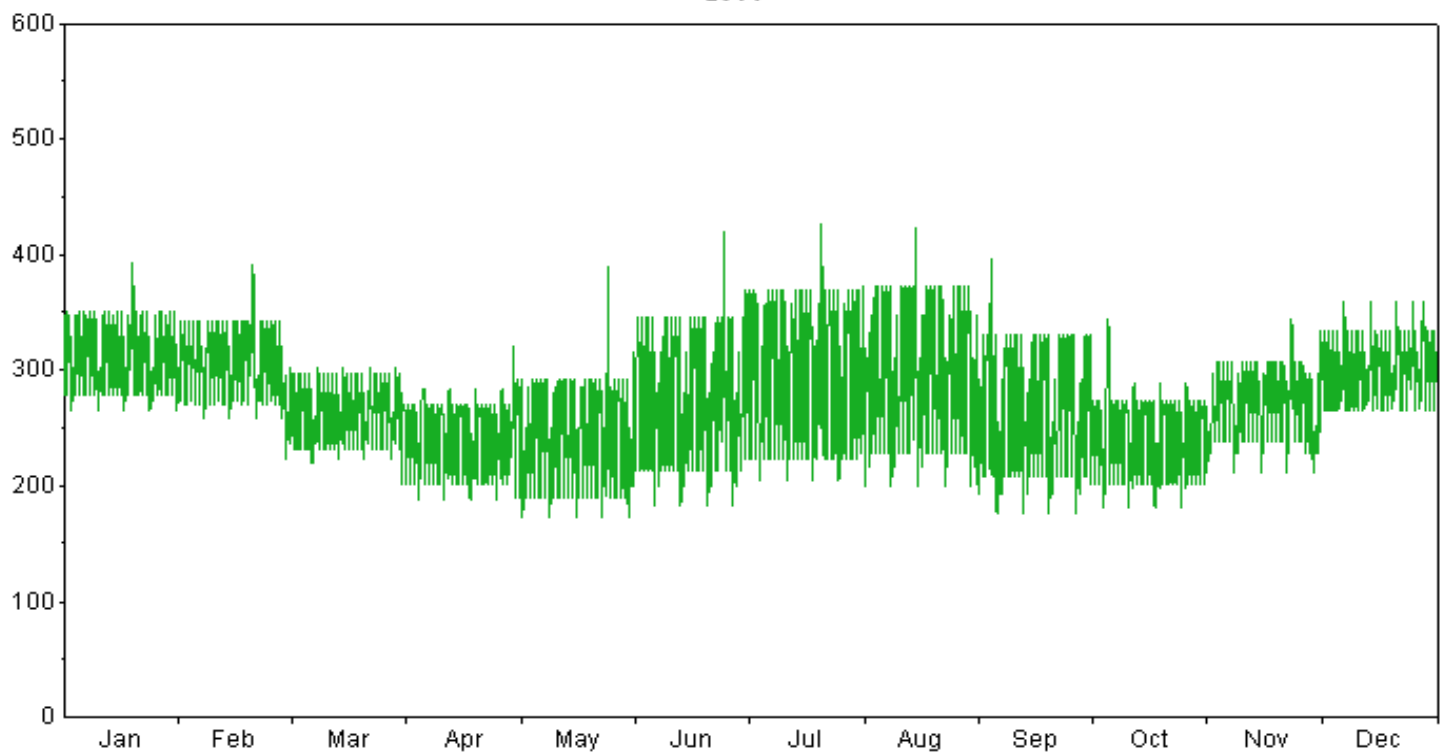
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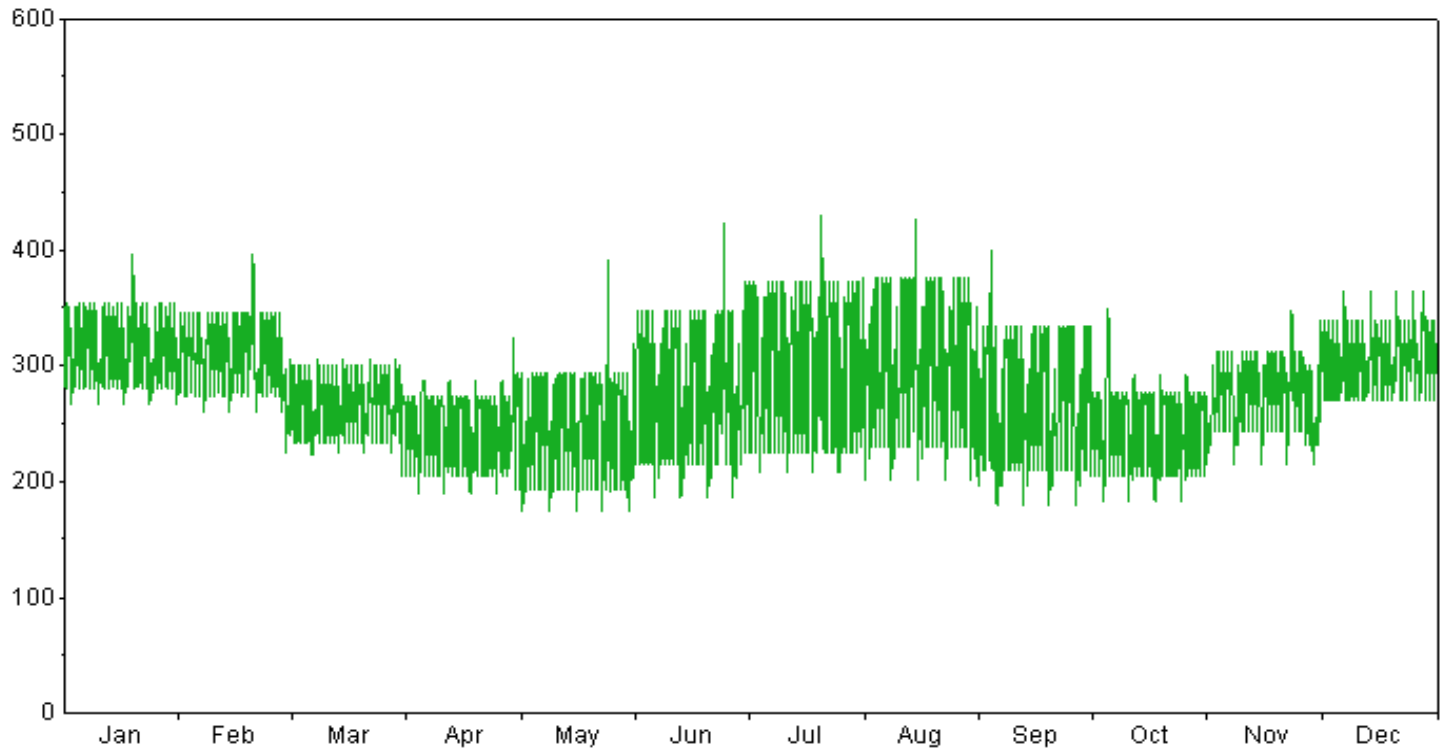
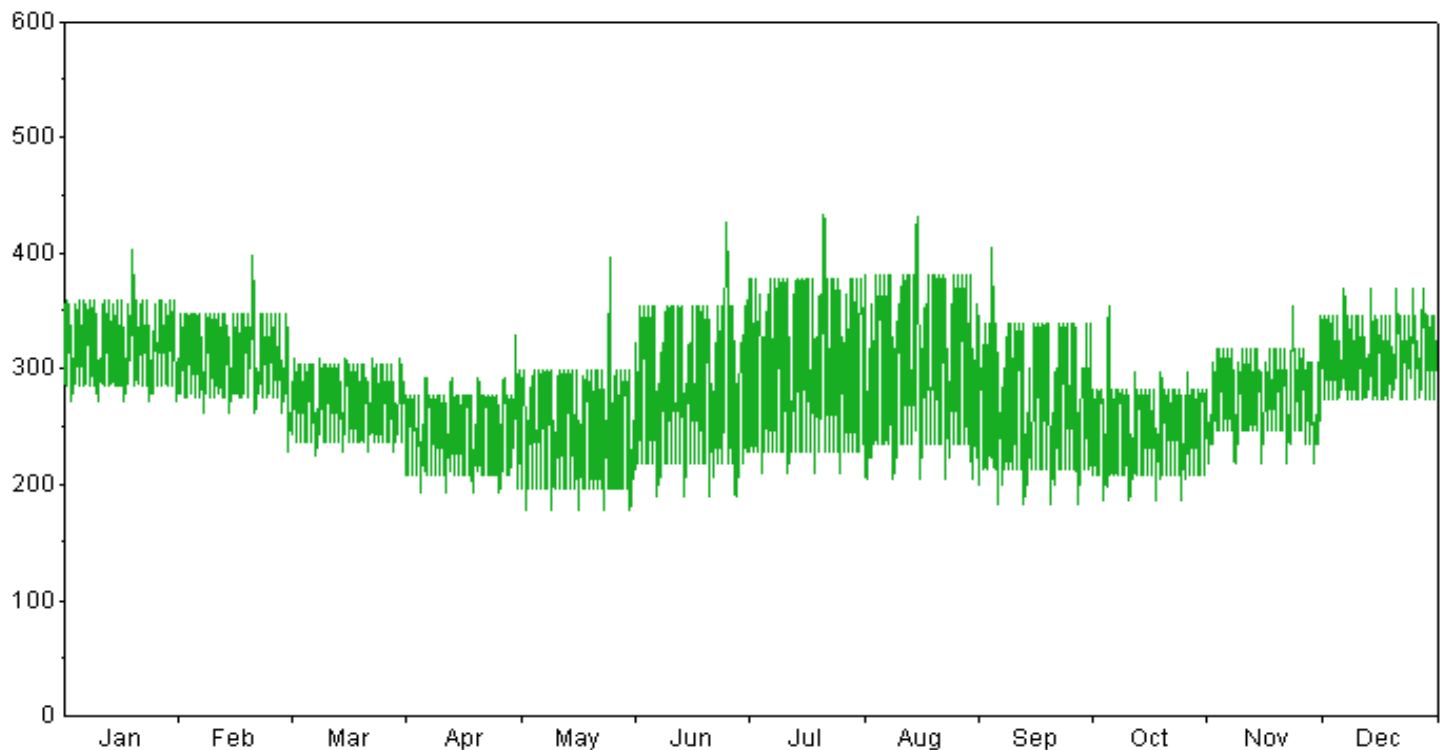
**Plot N-12 MPS 2006 - 2035 Annual Load Profile**

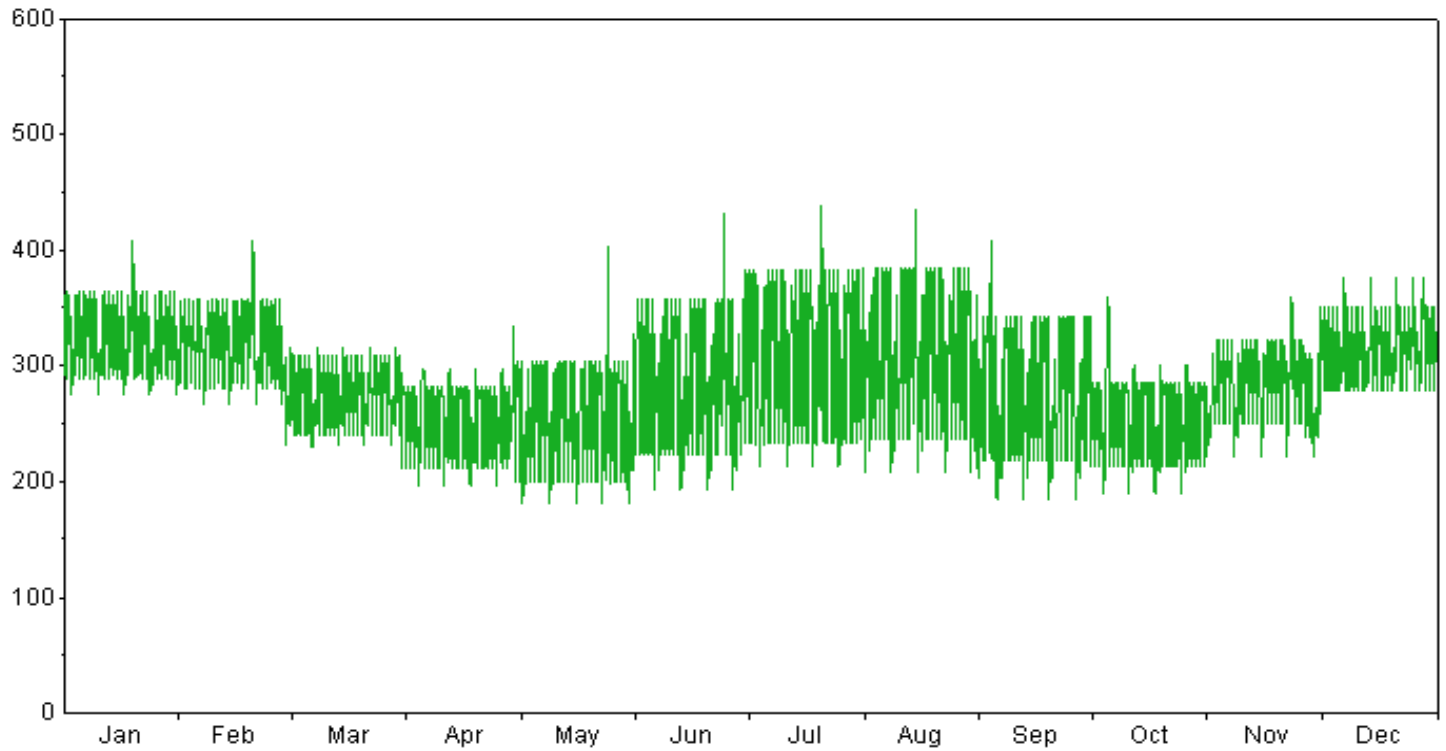
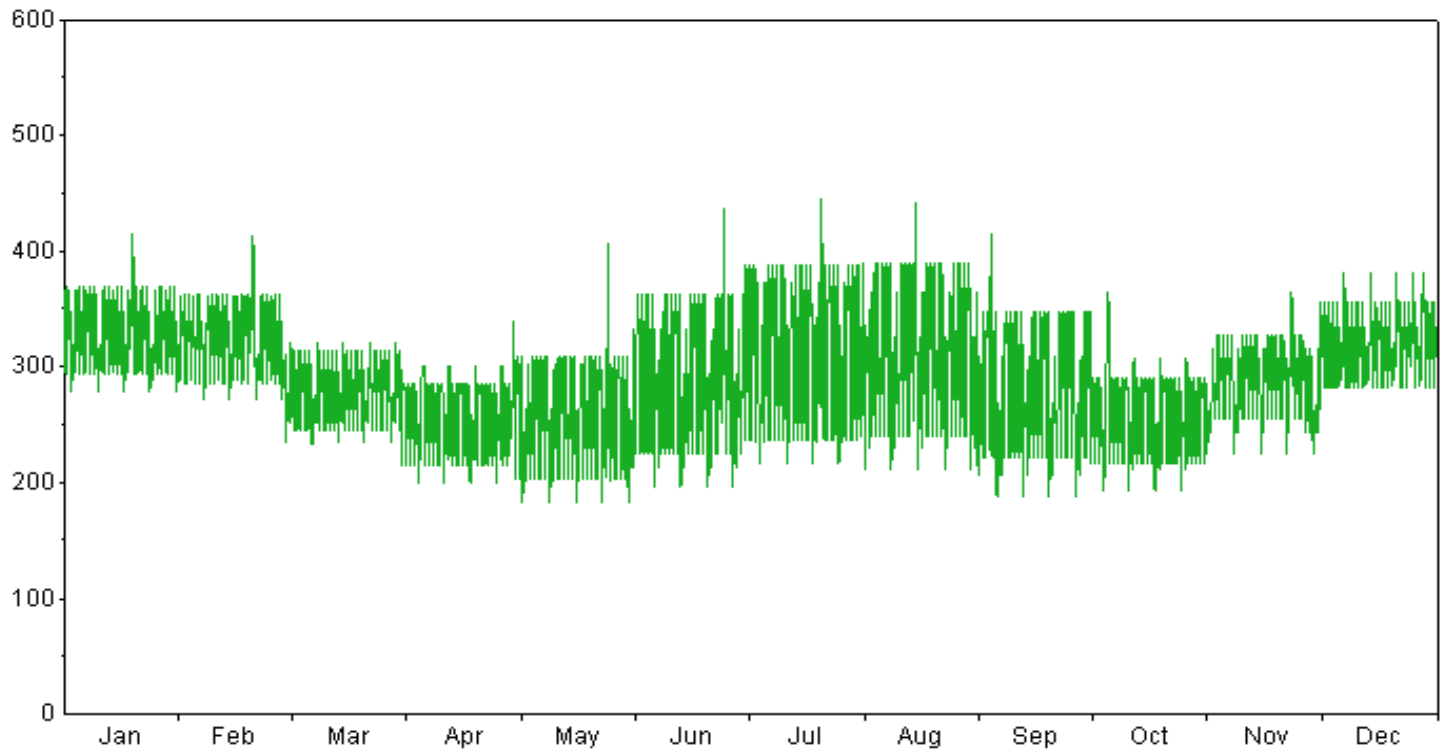
**Plot N-13 SJ 2009 & 2010 Load Profiles****SJ Load Profile  
2009****SJ Load Profile  
2010**

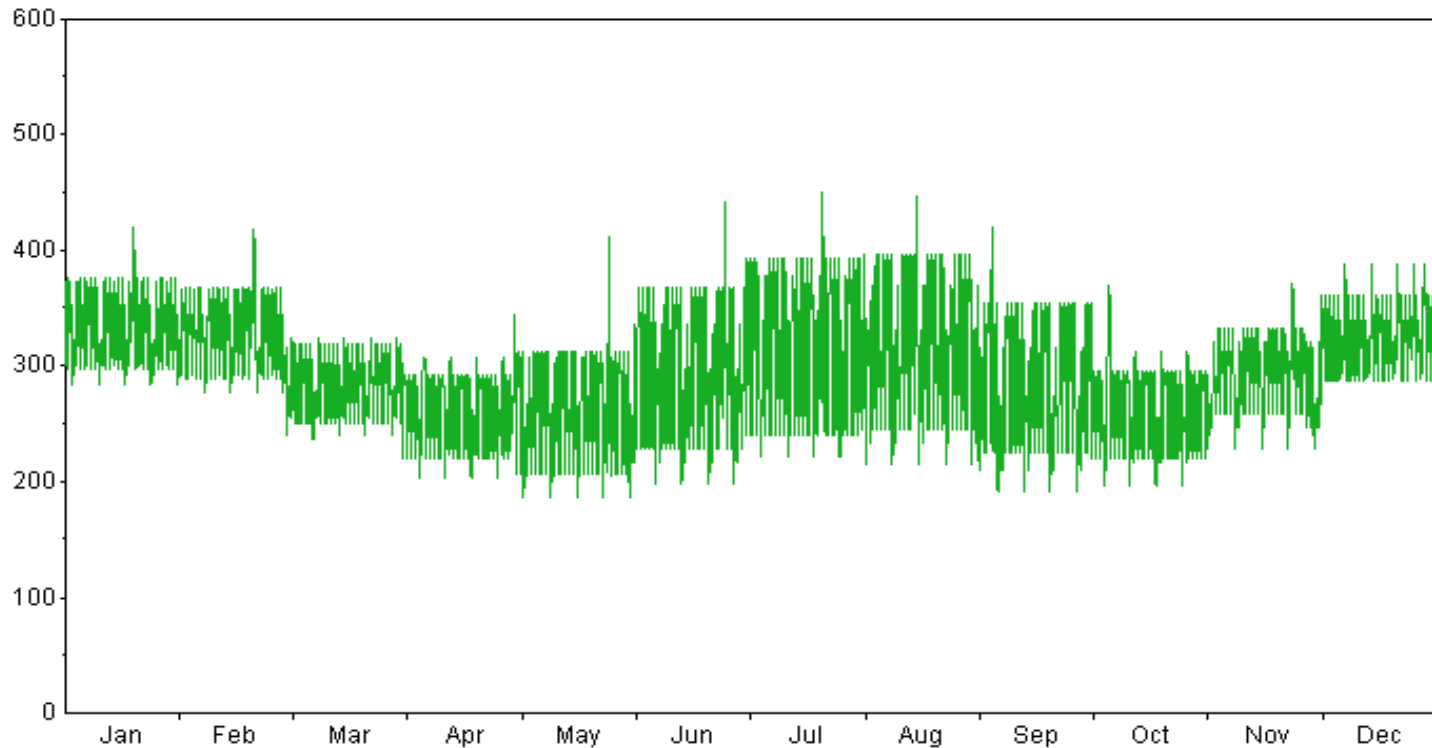
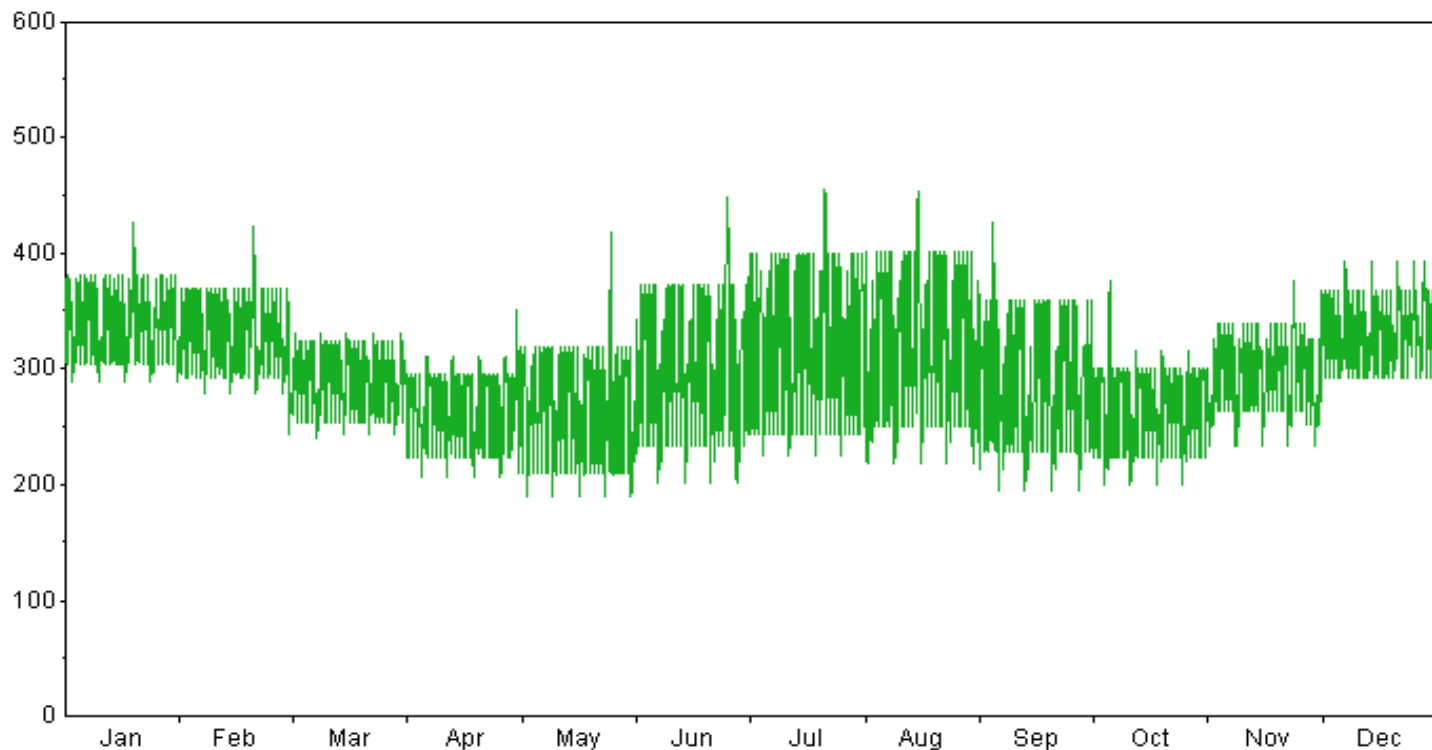
**Plot N-14 SJ 2011 & 2012 Load Profiles****SJ Load Profile  
2011****SJ Load Profile  
2012**

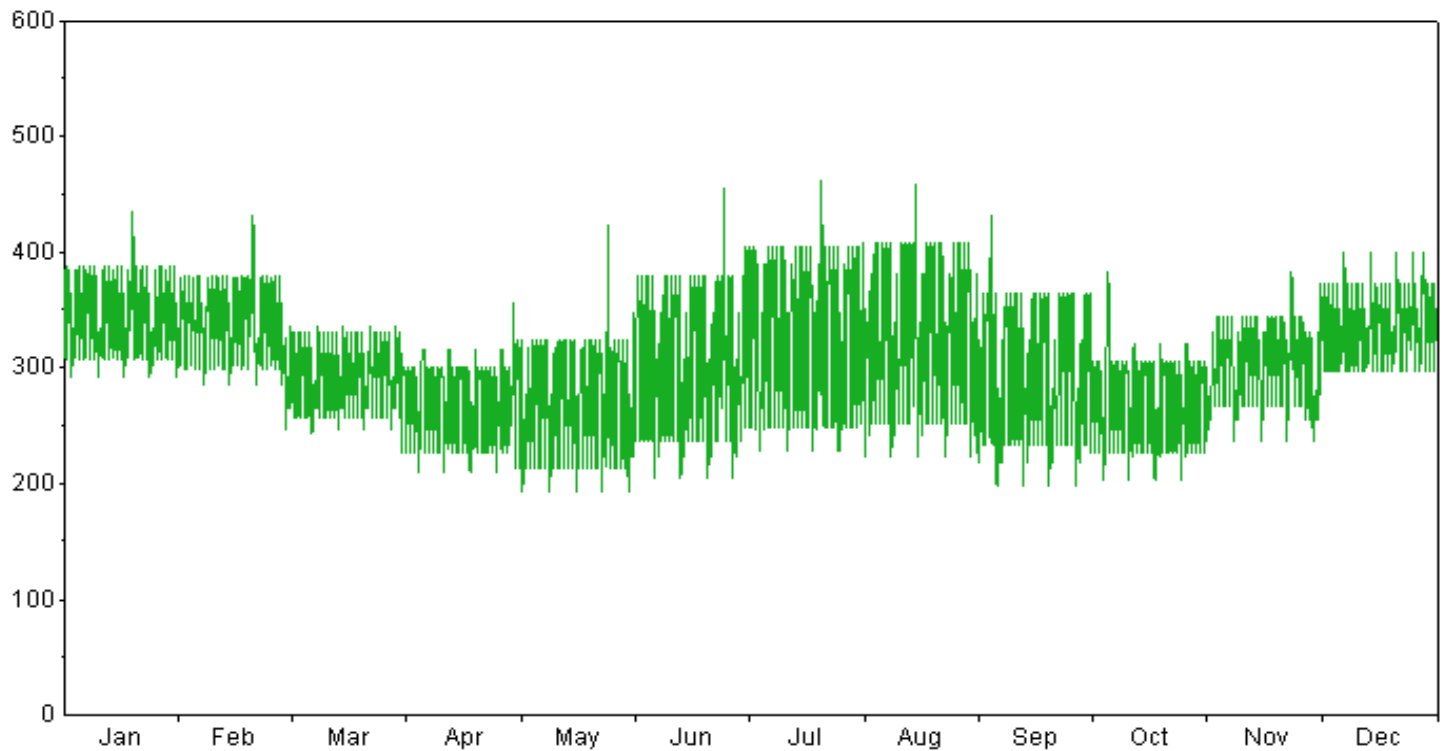
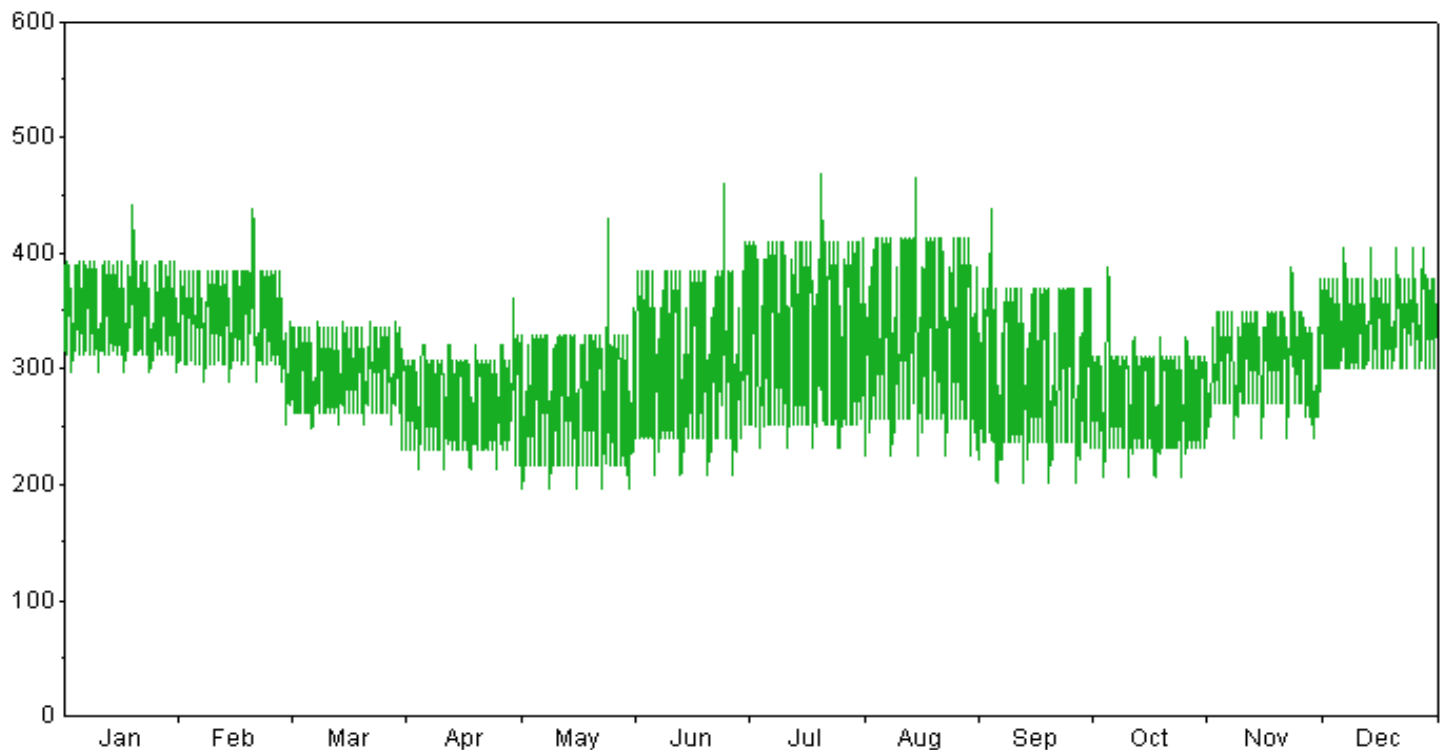
**Plot N-15 SJ 2013 & 2014 Load Profiles****SJ Load Profile  
2013****SJ Load Profile  
2014**

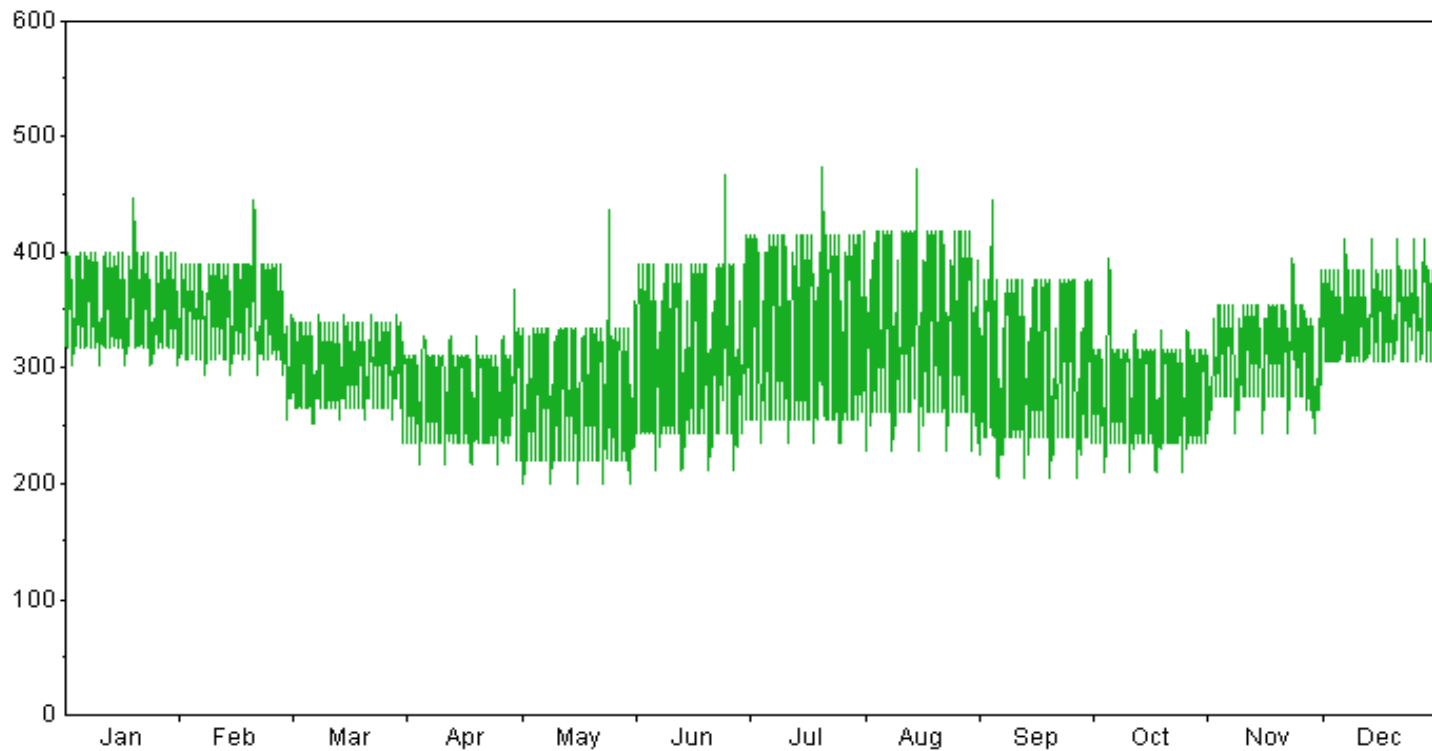
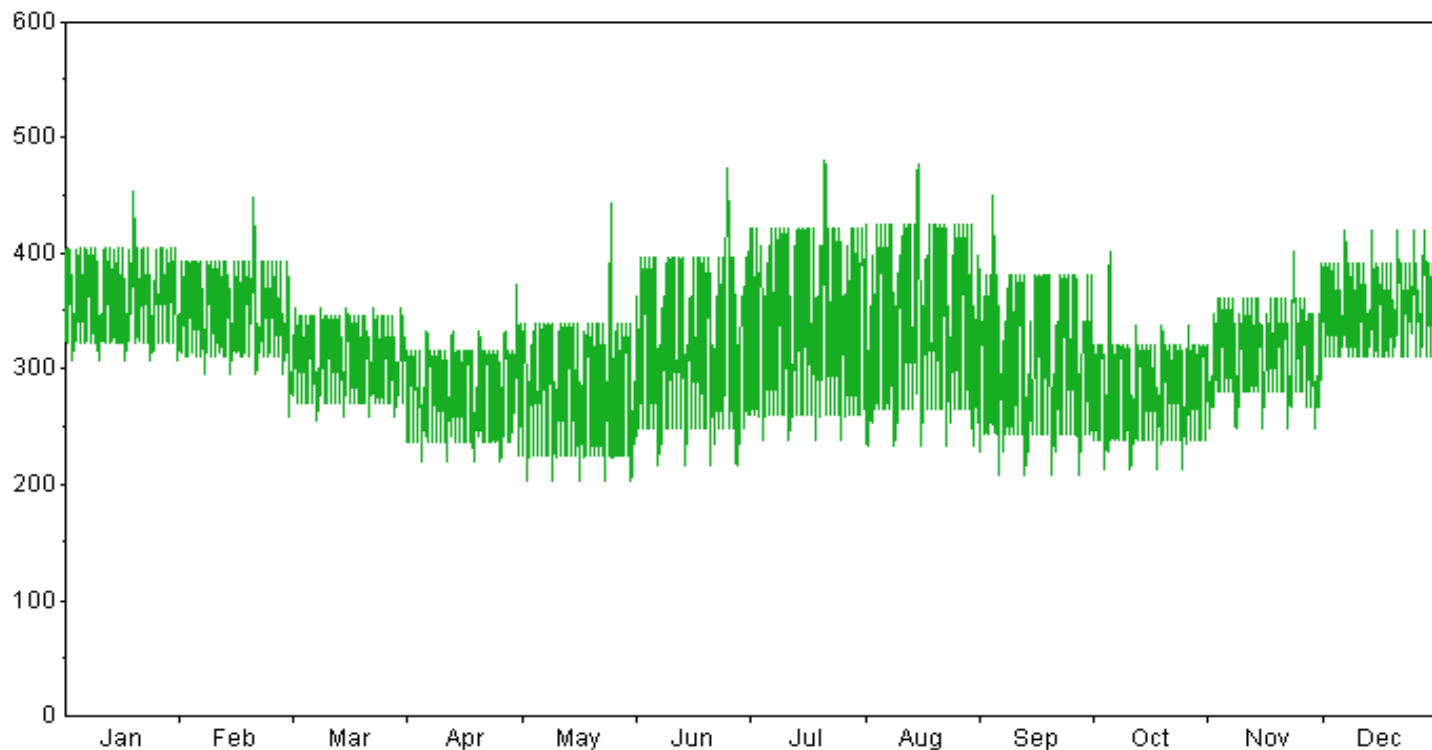


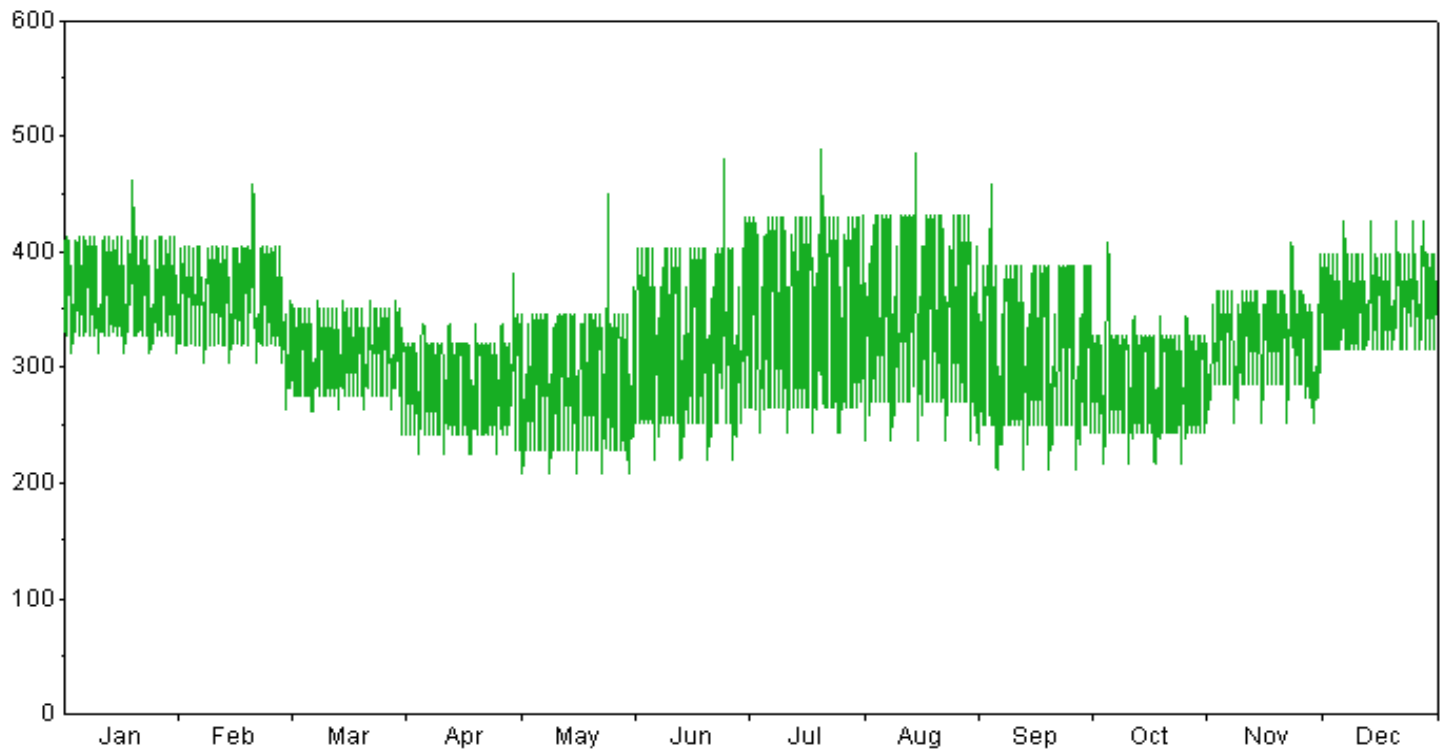
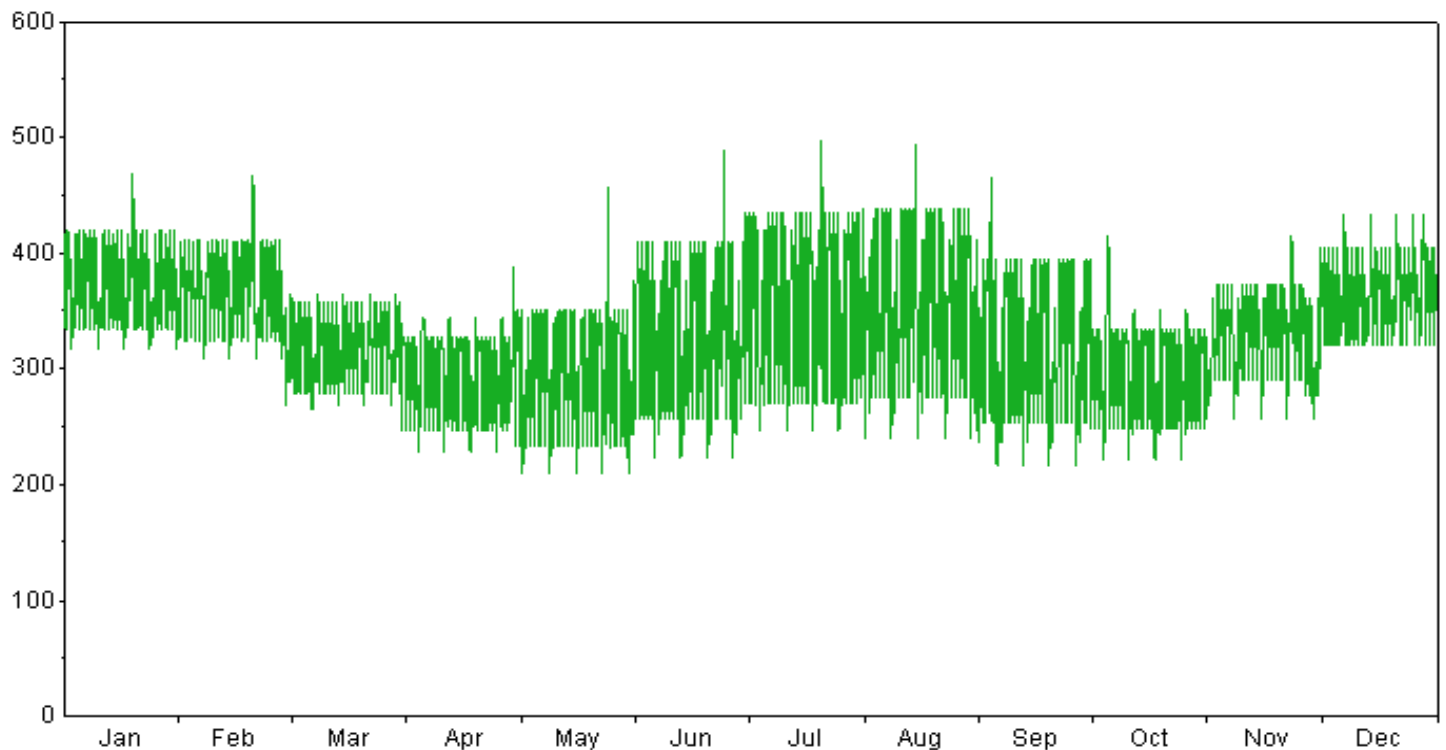
**Plot N-16 SJ 2015 & 2016 Load Profiles****SJ Load Profile  
2015****SJ Load Profile  
2016**

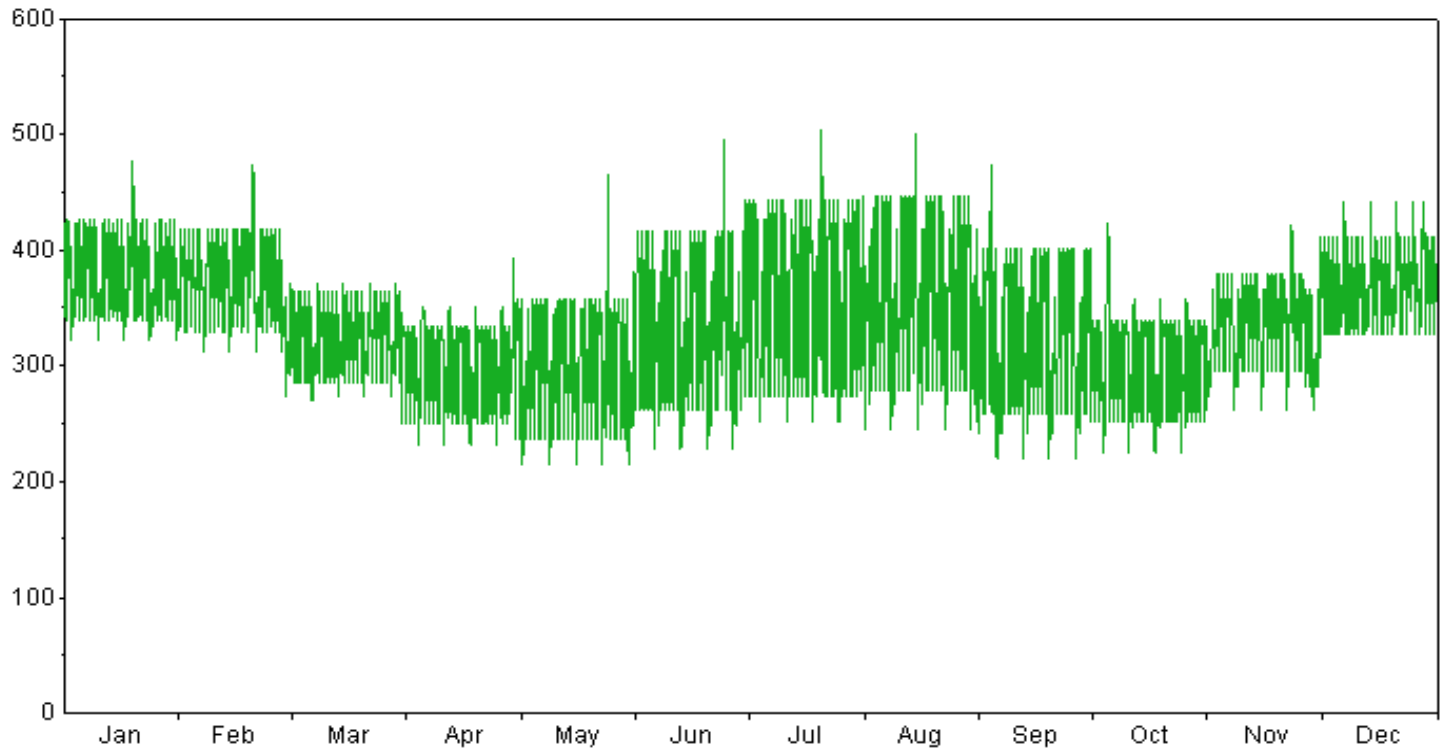
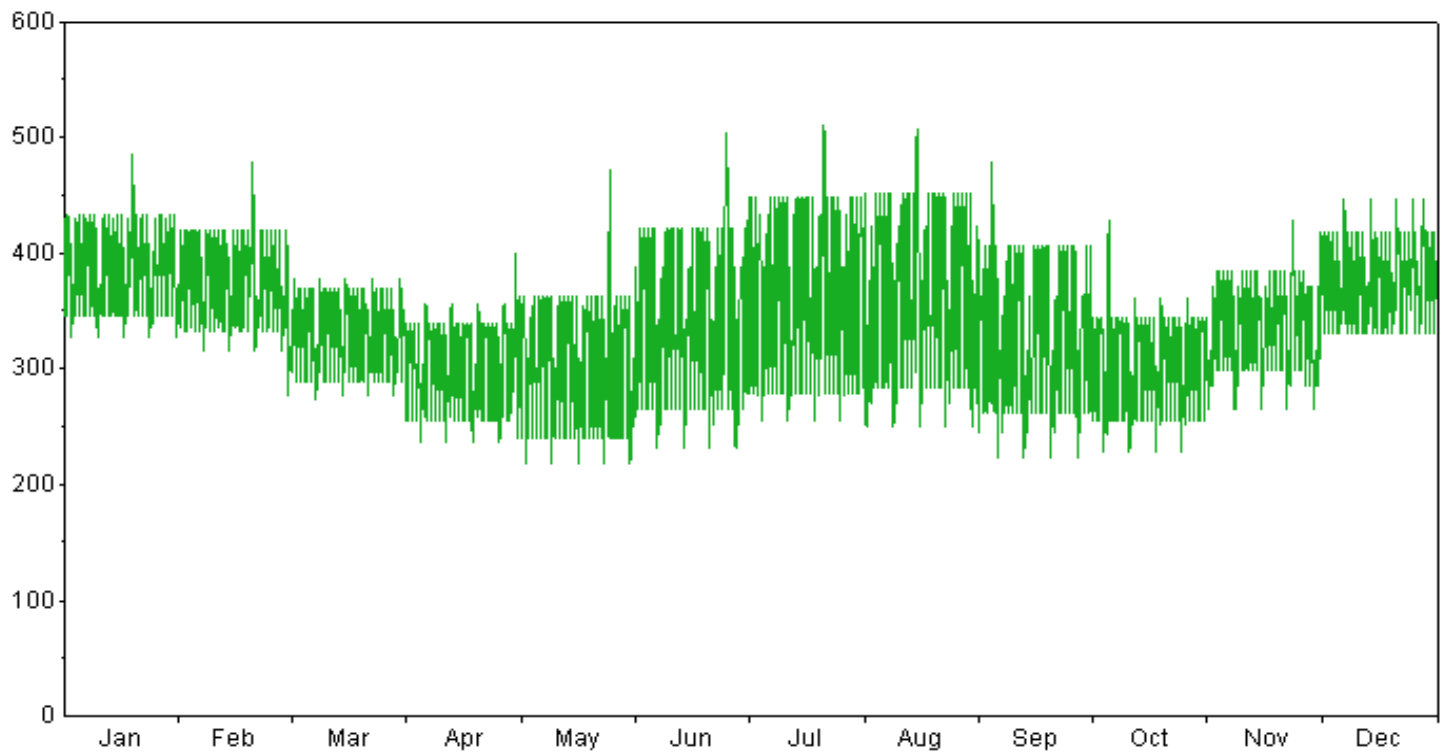
**Plot N-17 SJ 2017 & 2018 Load Profiles****SJ Load Profile  
2017****SJ Load Profile  
2018**

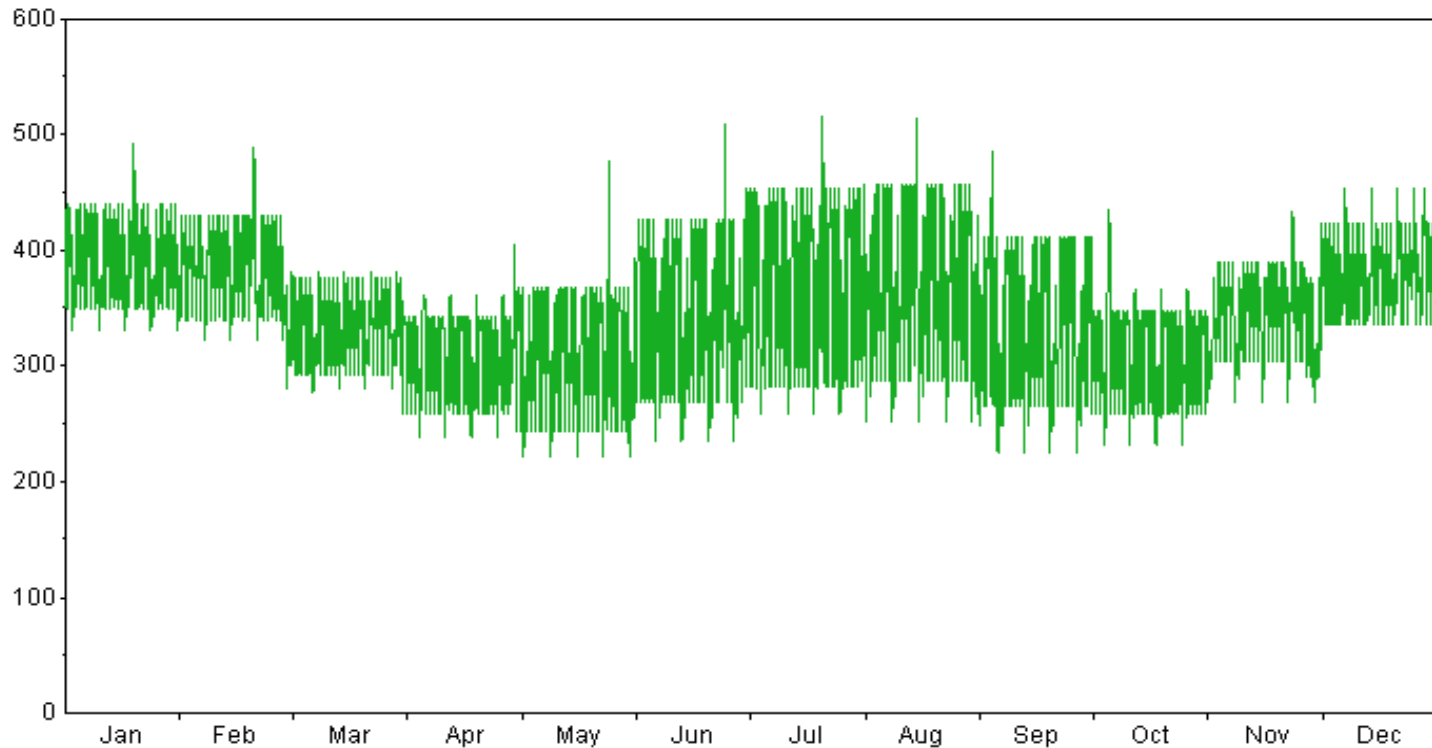
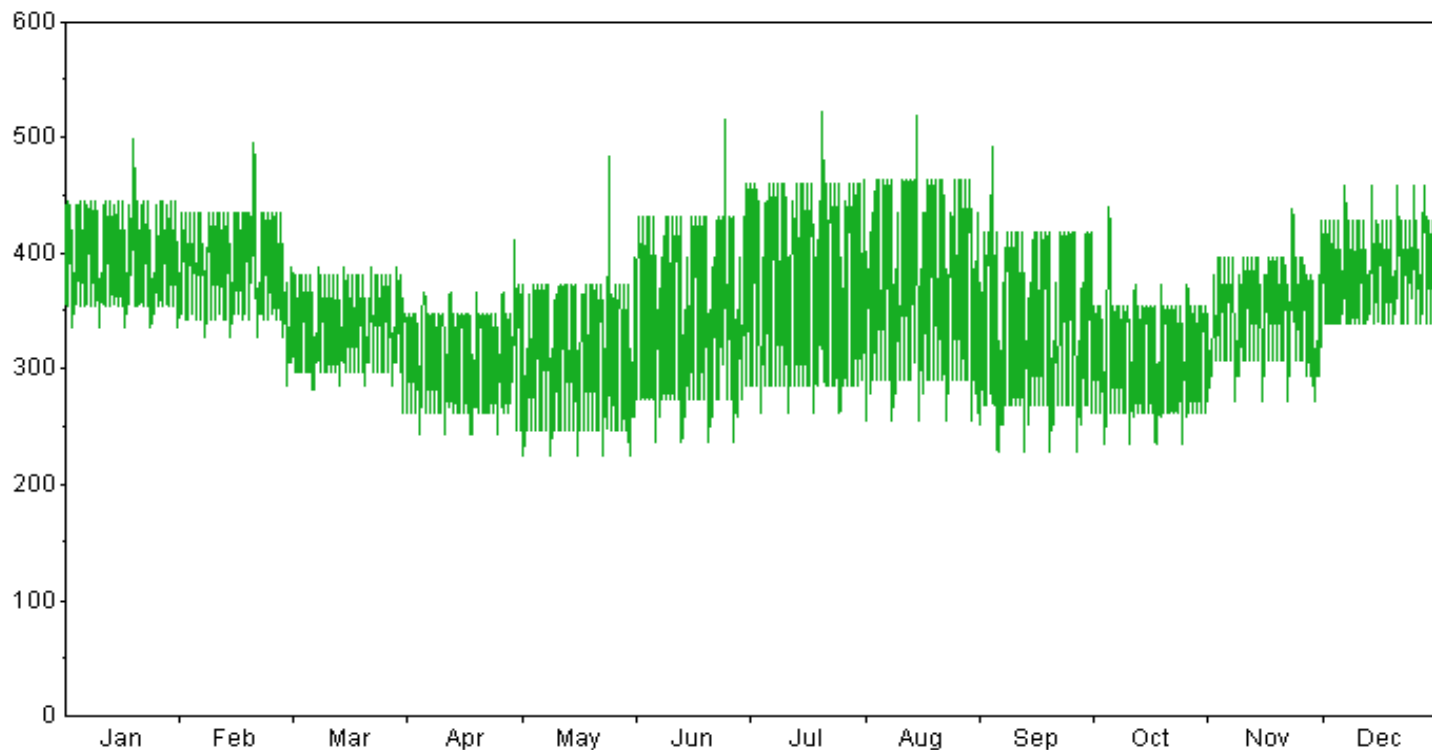
**Plot N-18 SJ 2019 & 2020 Load Profiles****SJ Load Profile  
2019****SJ Load Profile  
2020**

**Plot N-19 SJ 2021 & 2022 Load Profiles****SJ Load Profile  
2021****SJ Load Profile  
2022**

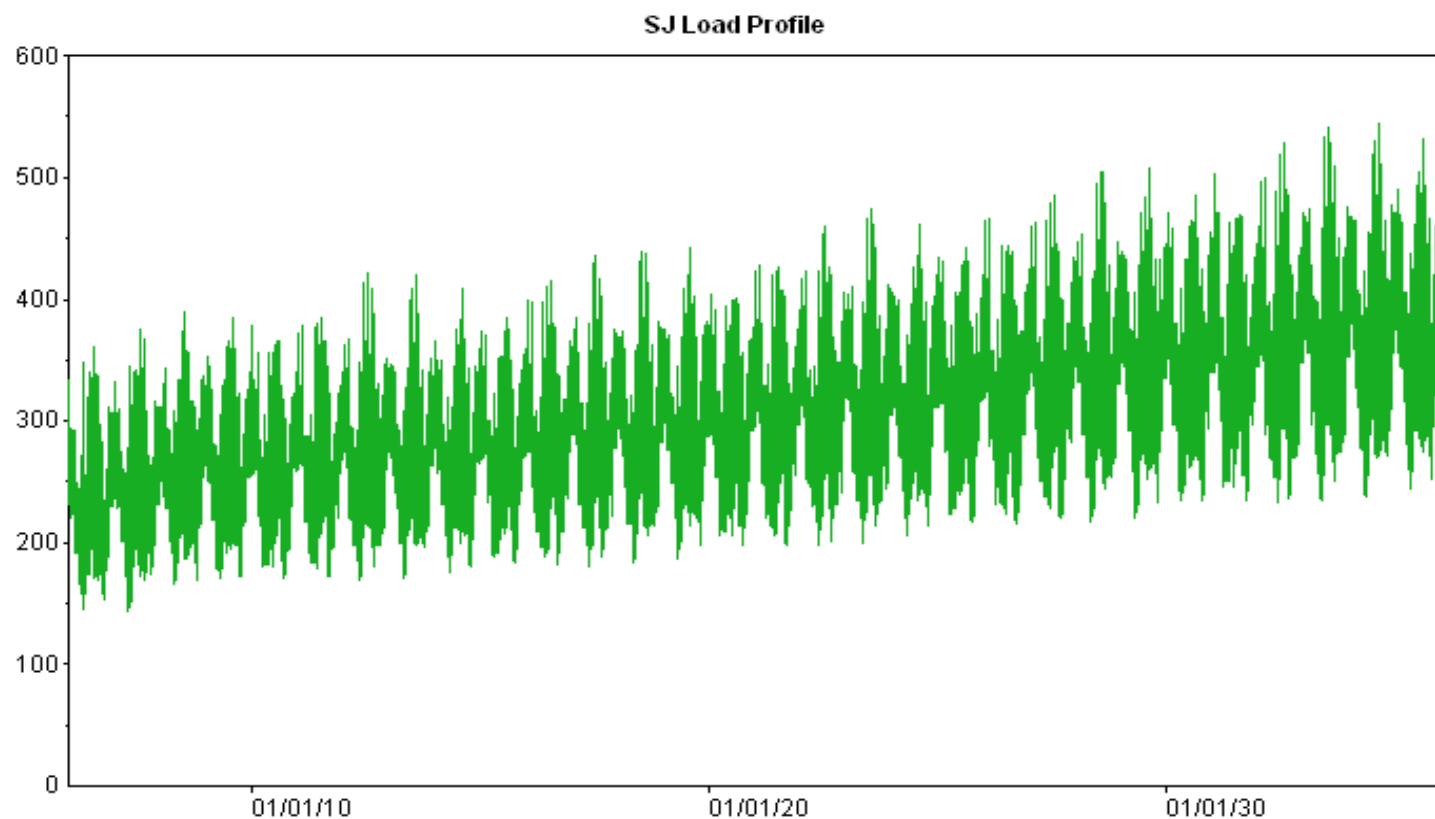
**Plot N-20 SJ 2023 & 2024 Load Profiles****SJ Load Profile  
2023****SJ Load Profile  
2024**

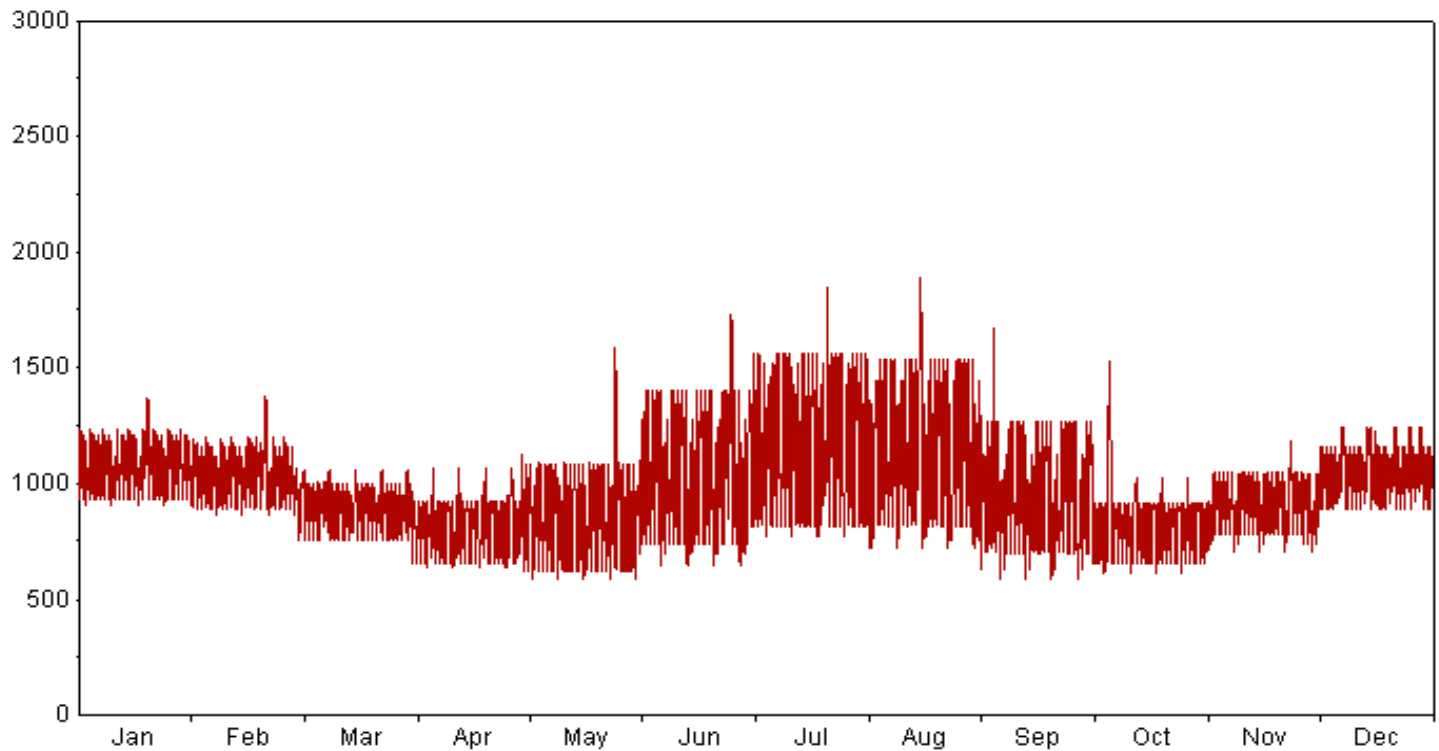
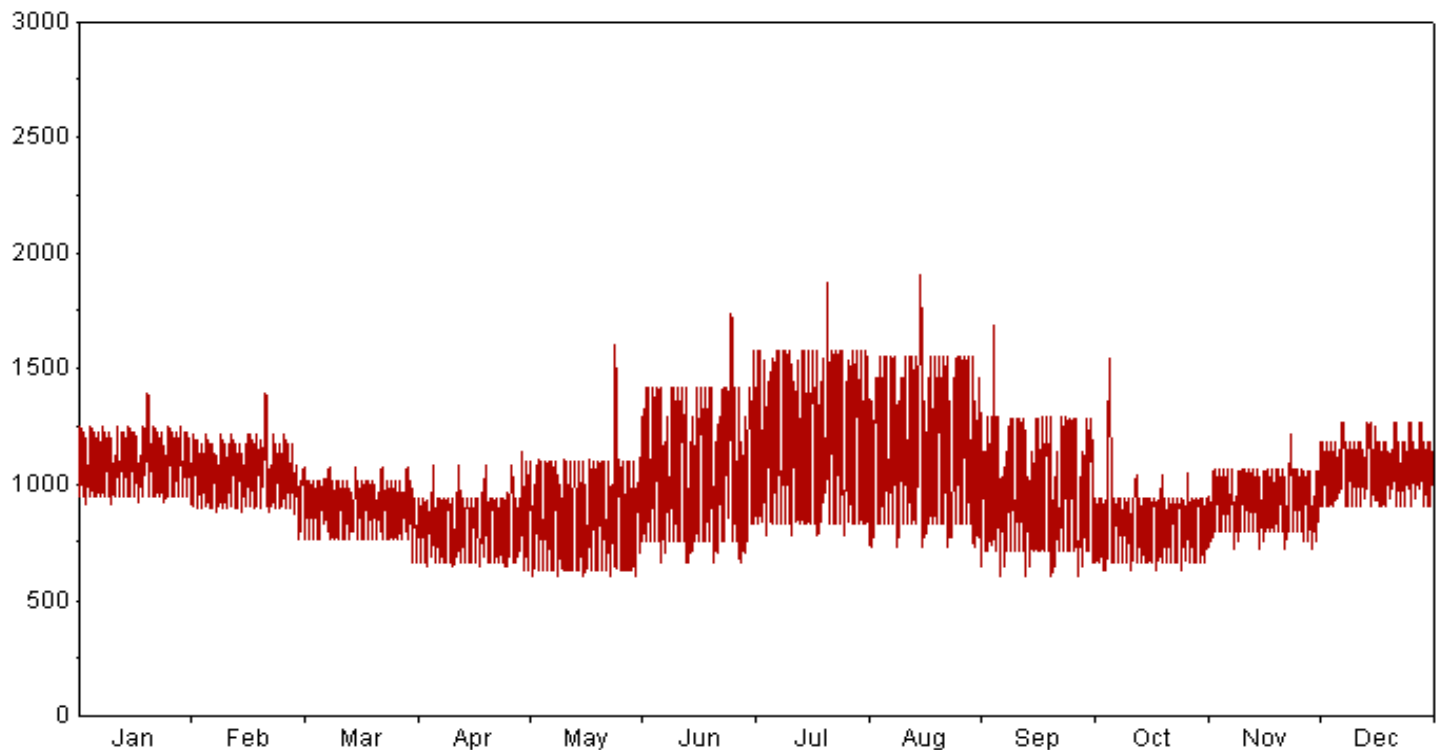
**Plot N-21 SJ 2025 & 2026 Load Profiles****SJ Load Profile  
2025****SJ Load Profile  
2026**

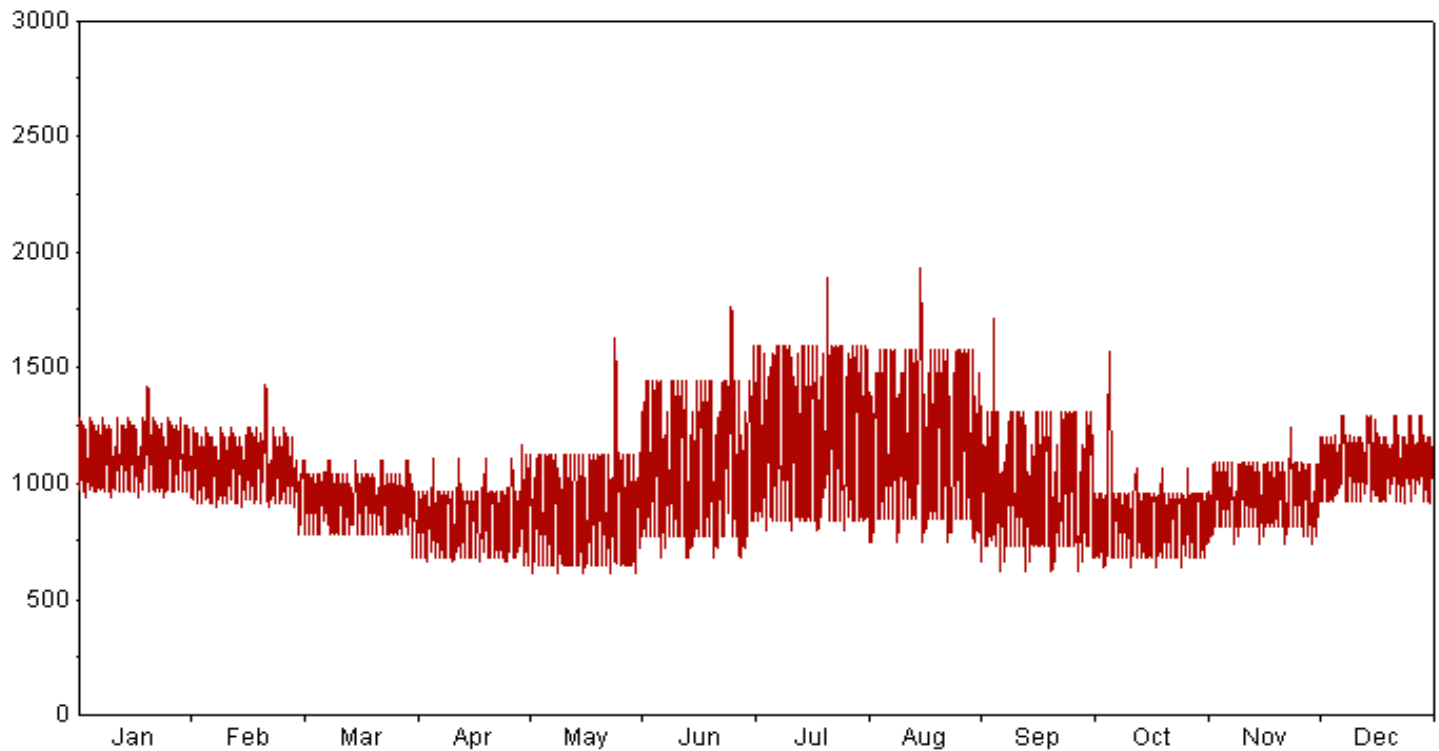
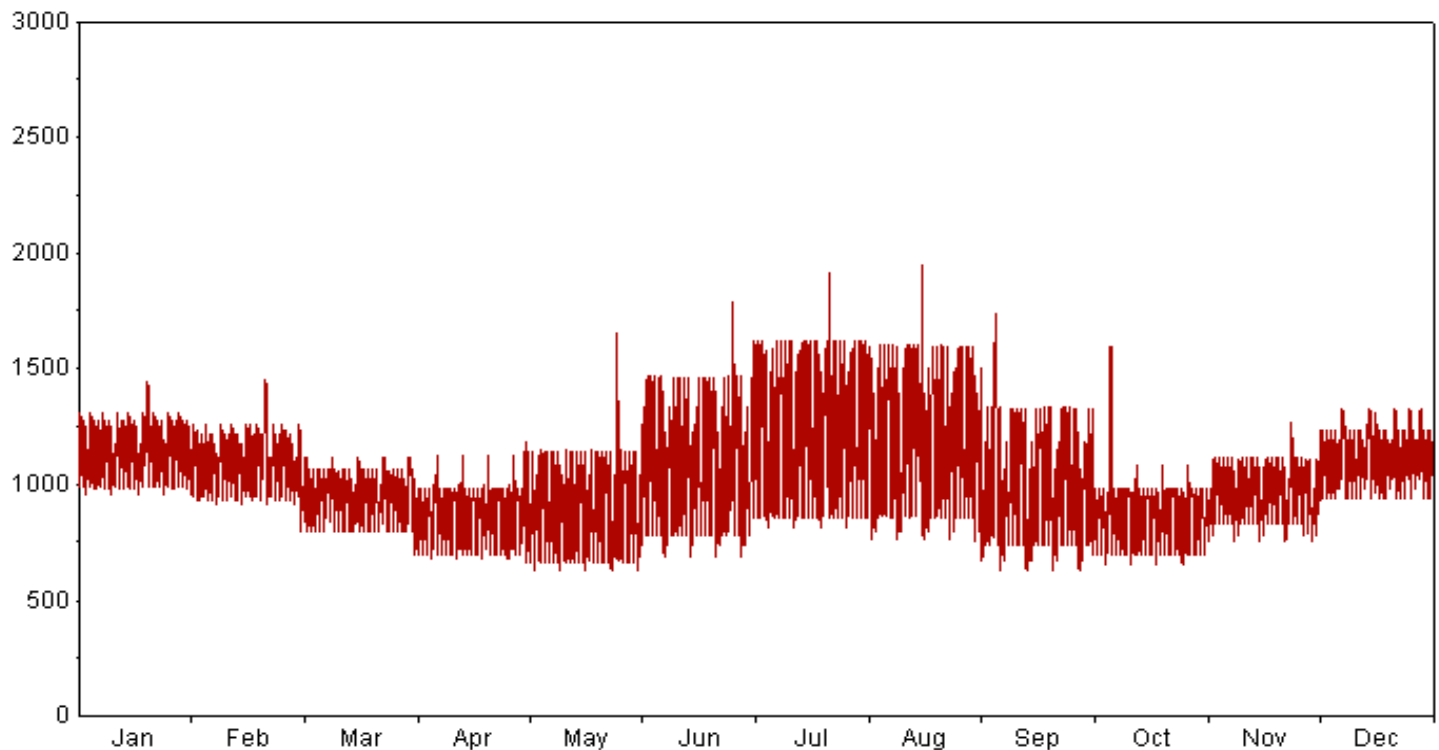
**Plot N-22 SJ 2027 & 2028 Load Profiles****SJ Load Profile  
2027****SJ Load Profile  
2028**

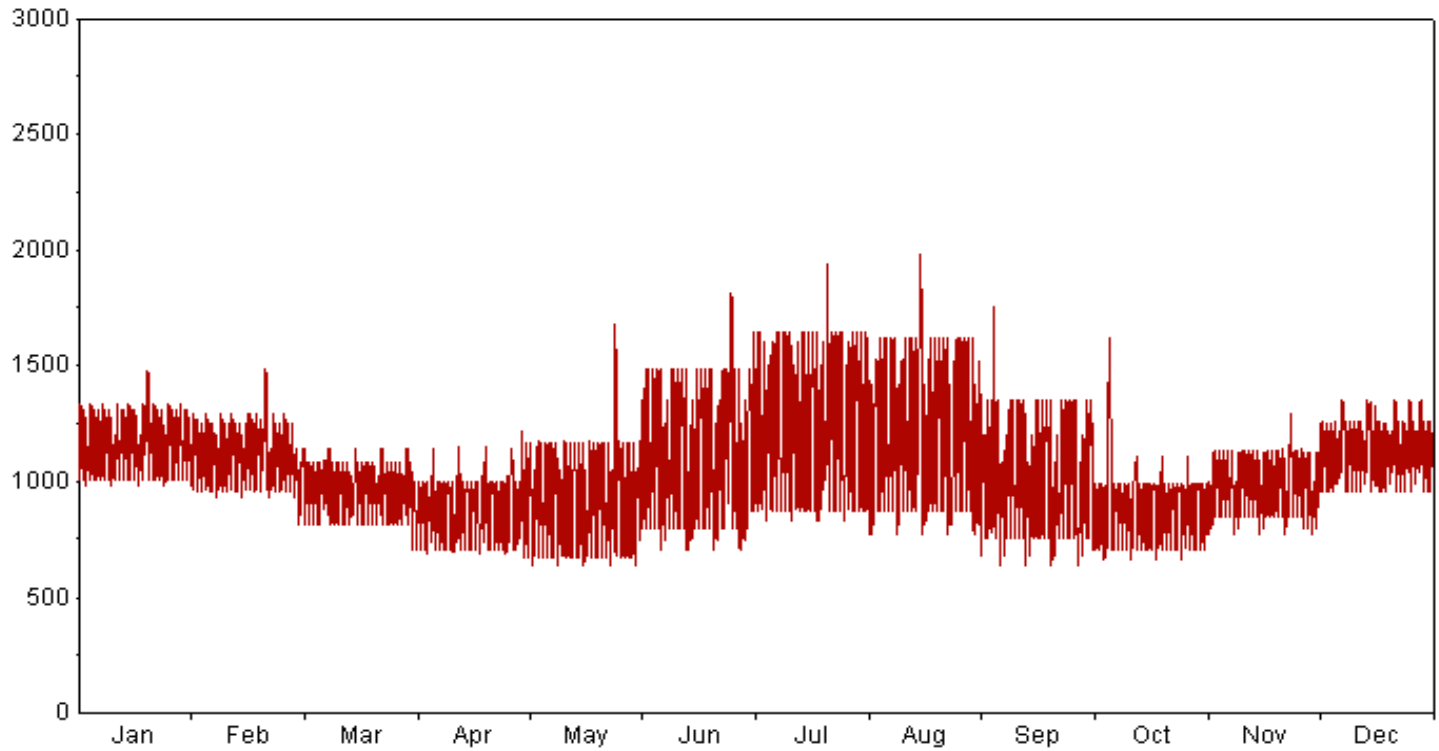
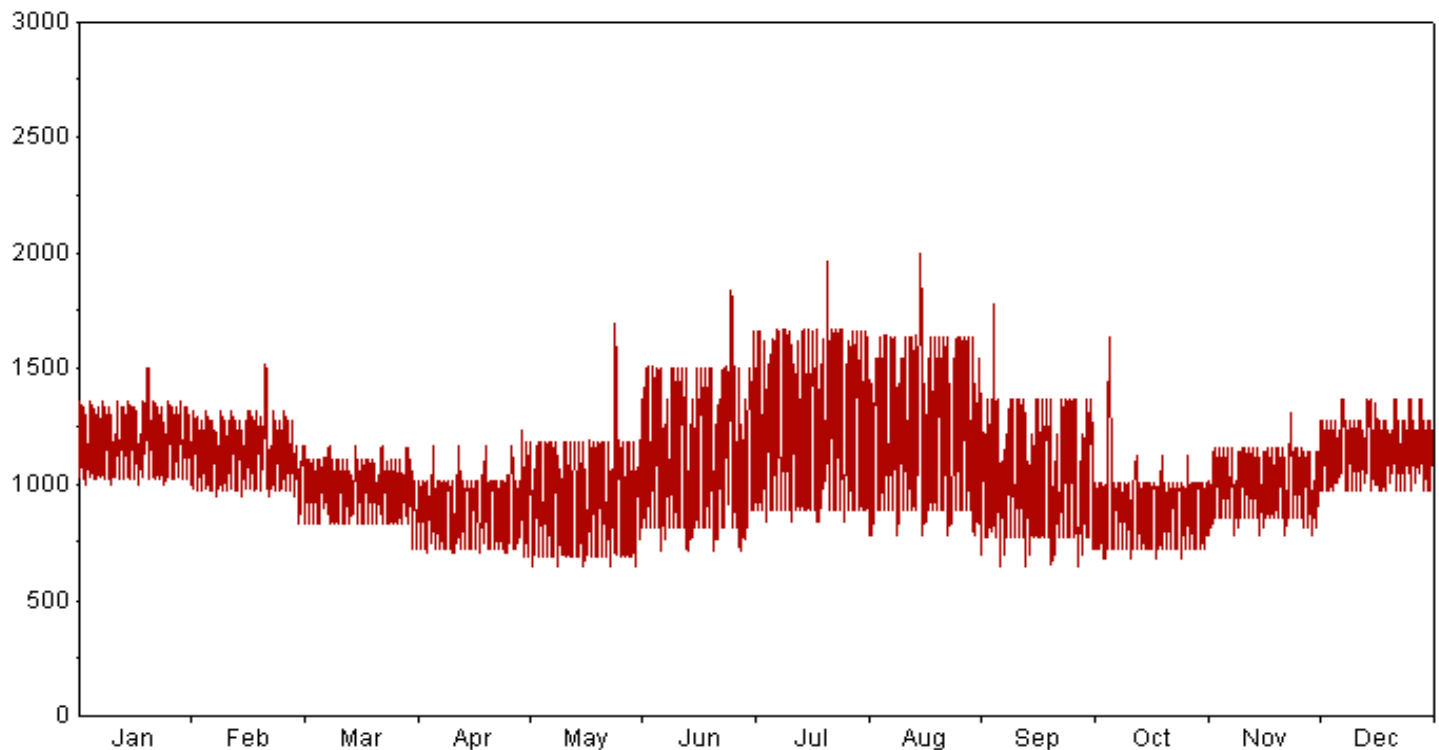
**Plot N-23 SJ 2029 & 2030 Load Profiles****SJ Load Profile  
2029****SJ Load Profile  
2030**

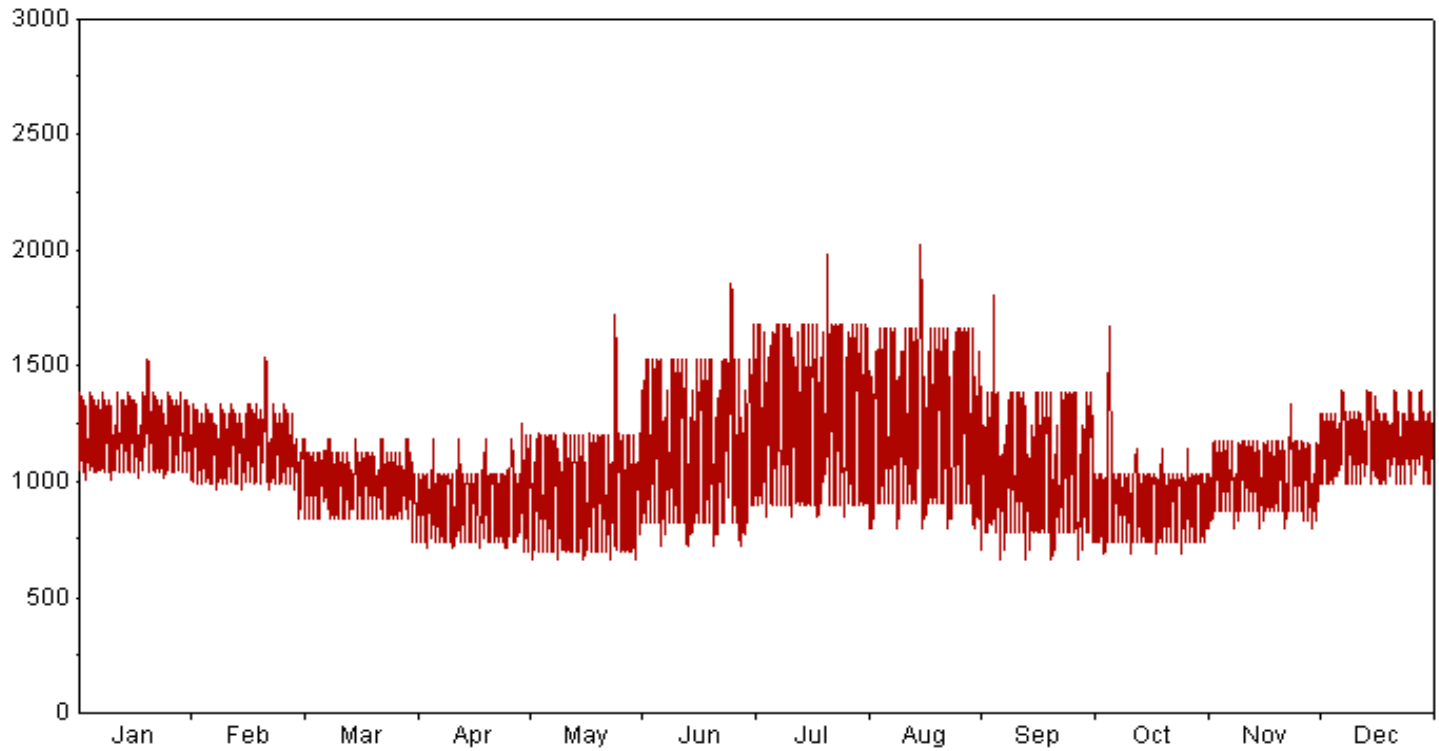
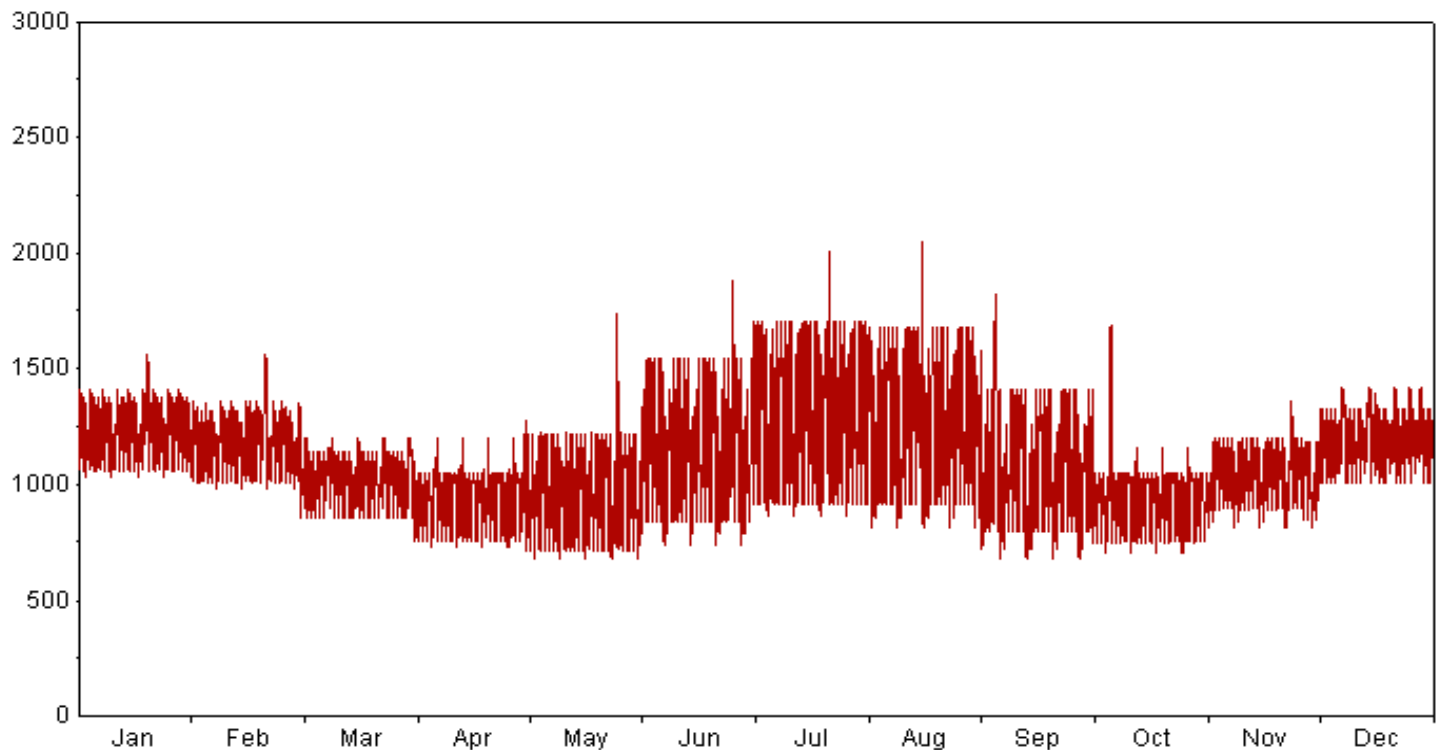


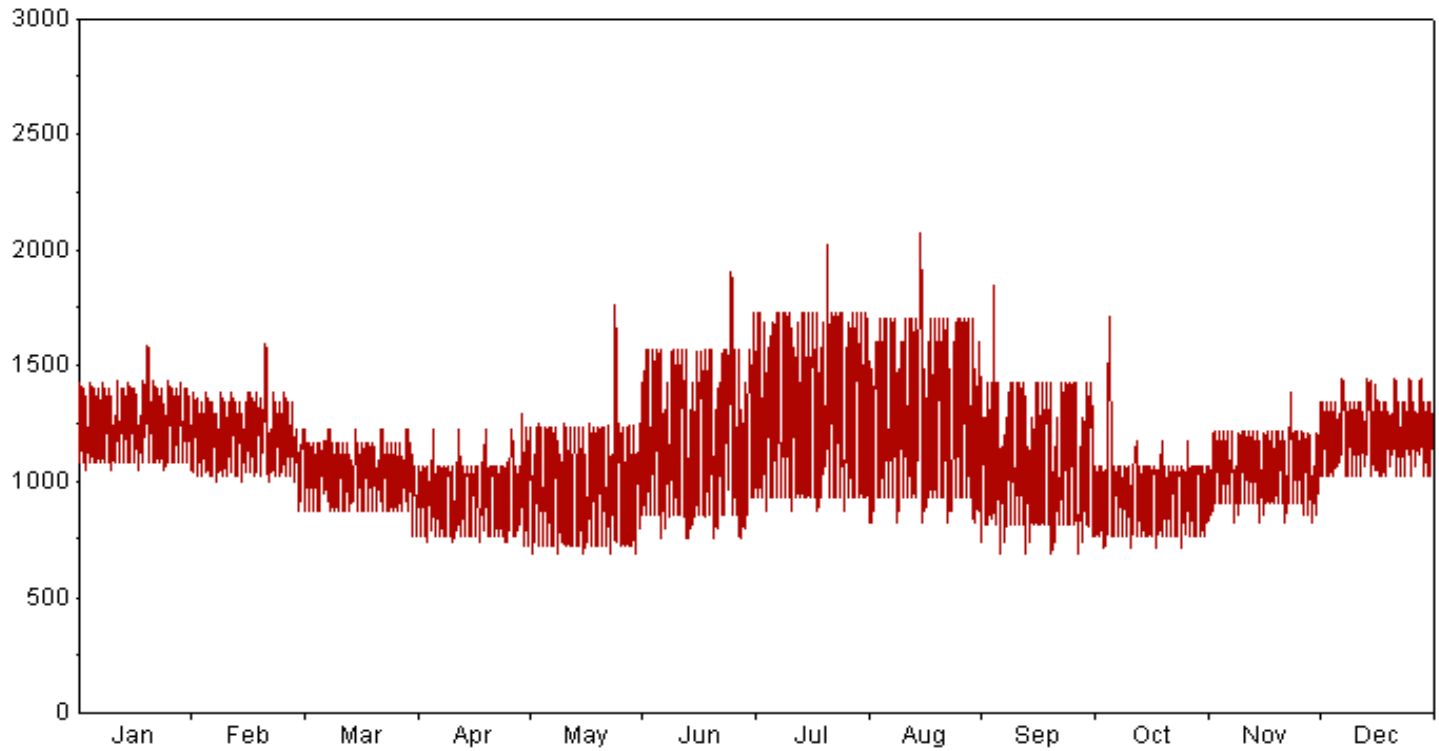
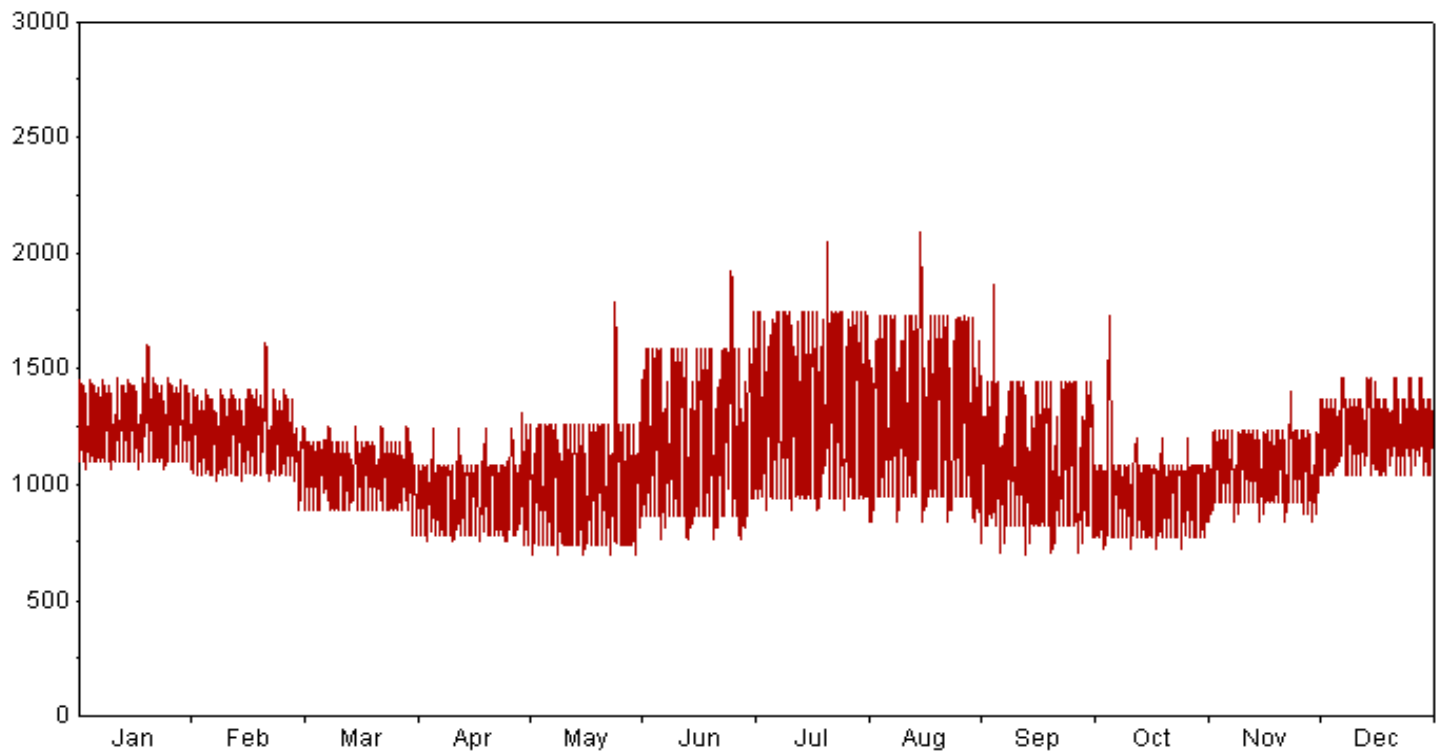
**Plot N-24 SJ 2006 - 2035 Annual Load Profiles**

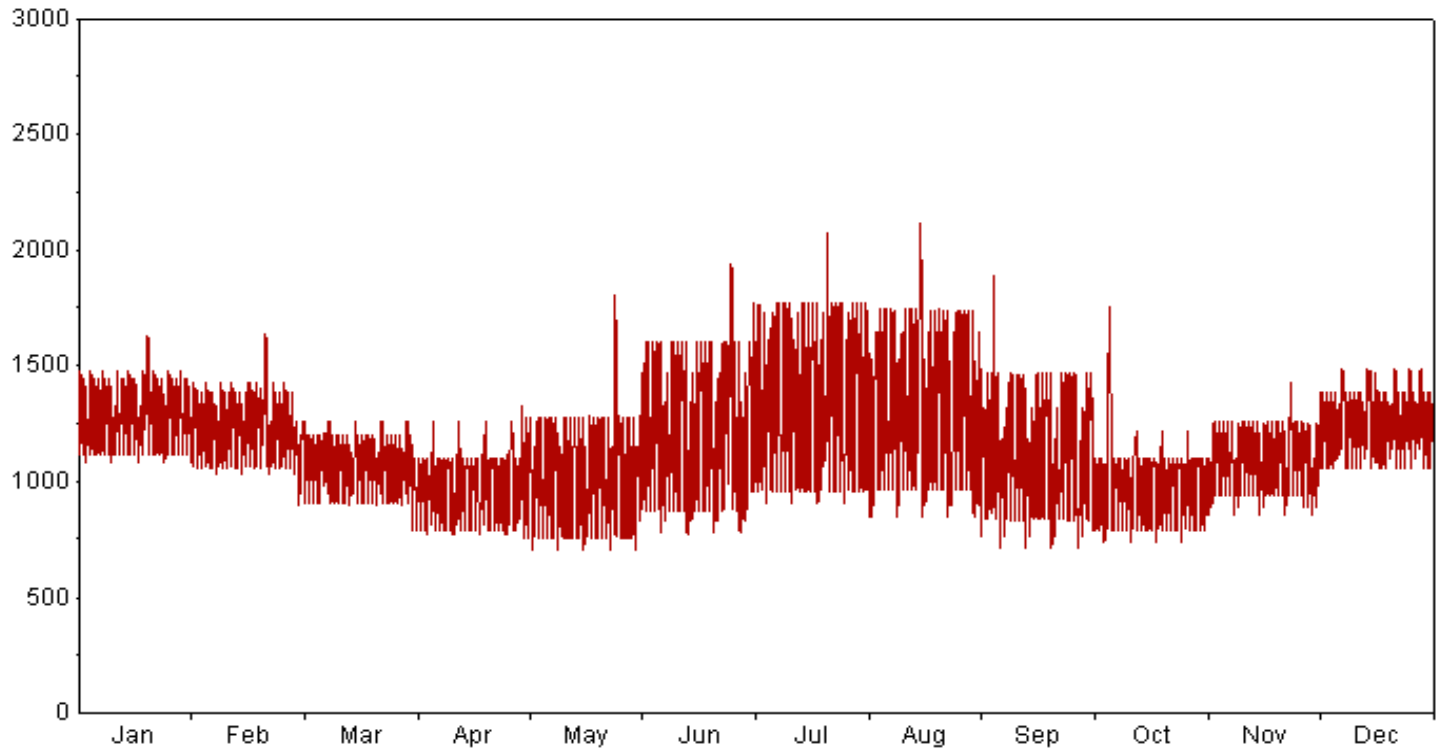
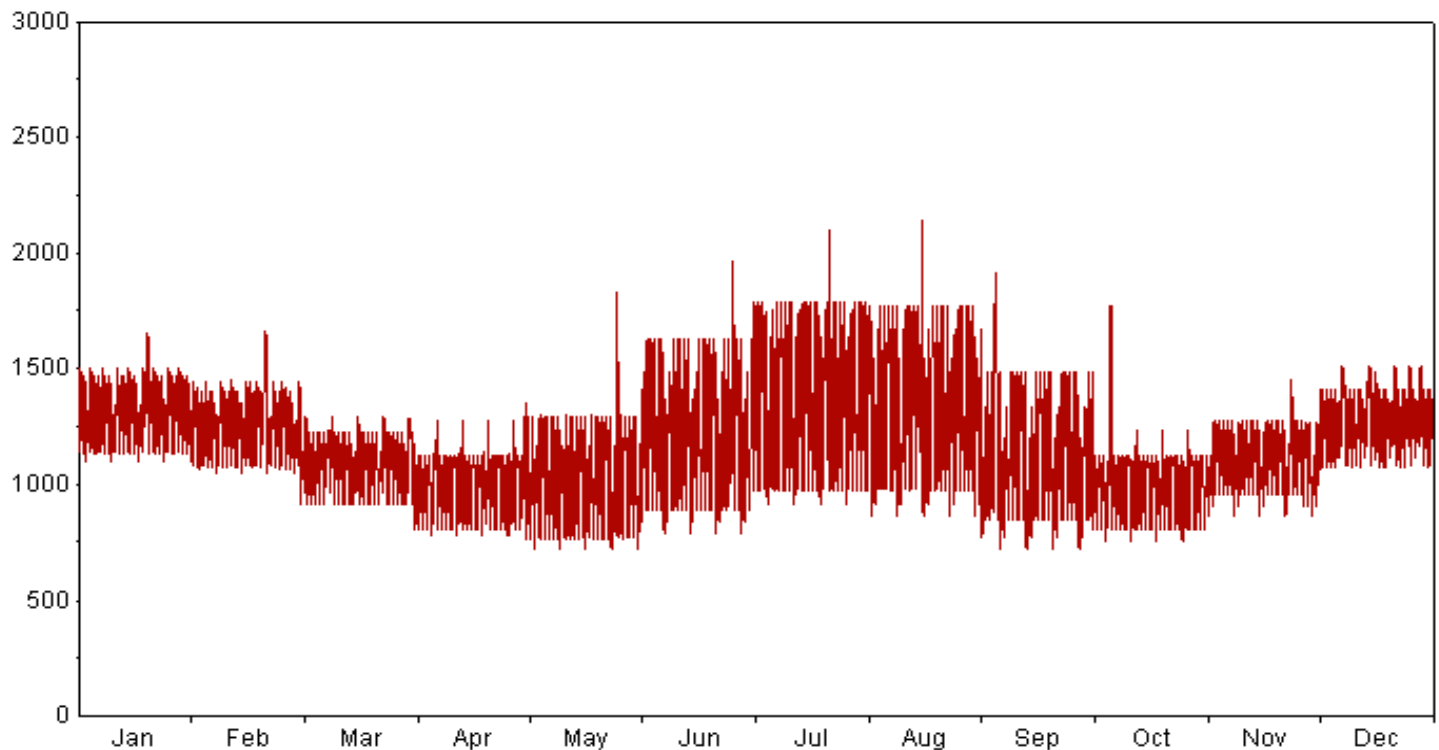
**Plot N-25 GMOC 2009 & 2010 Load Profiles****GMO Load Profile  
2009****GMO Load Profile  
2010**

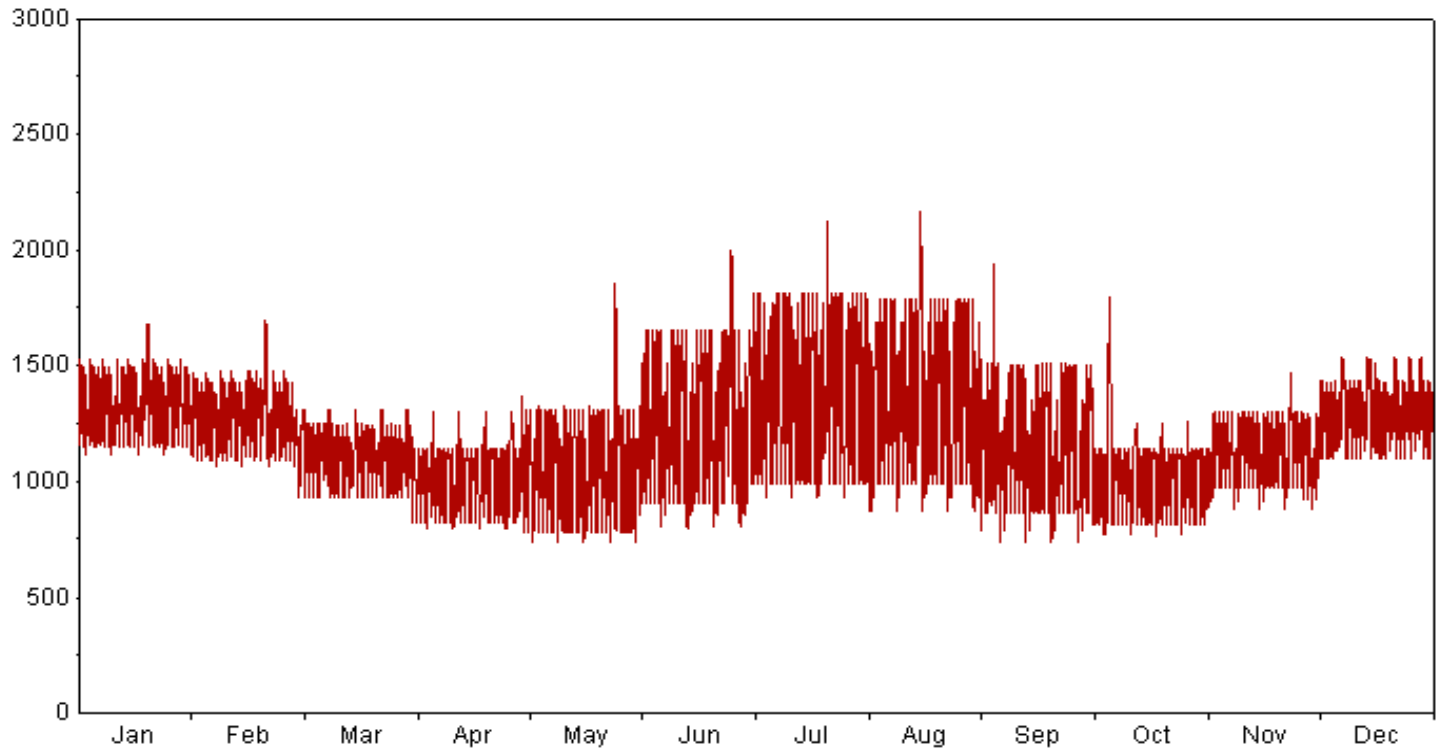
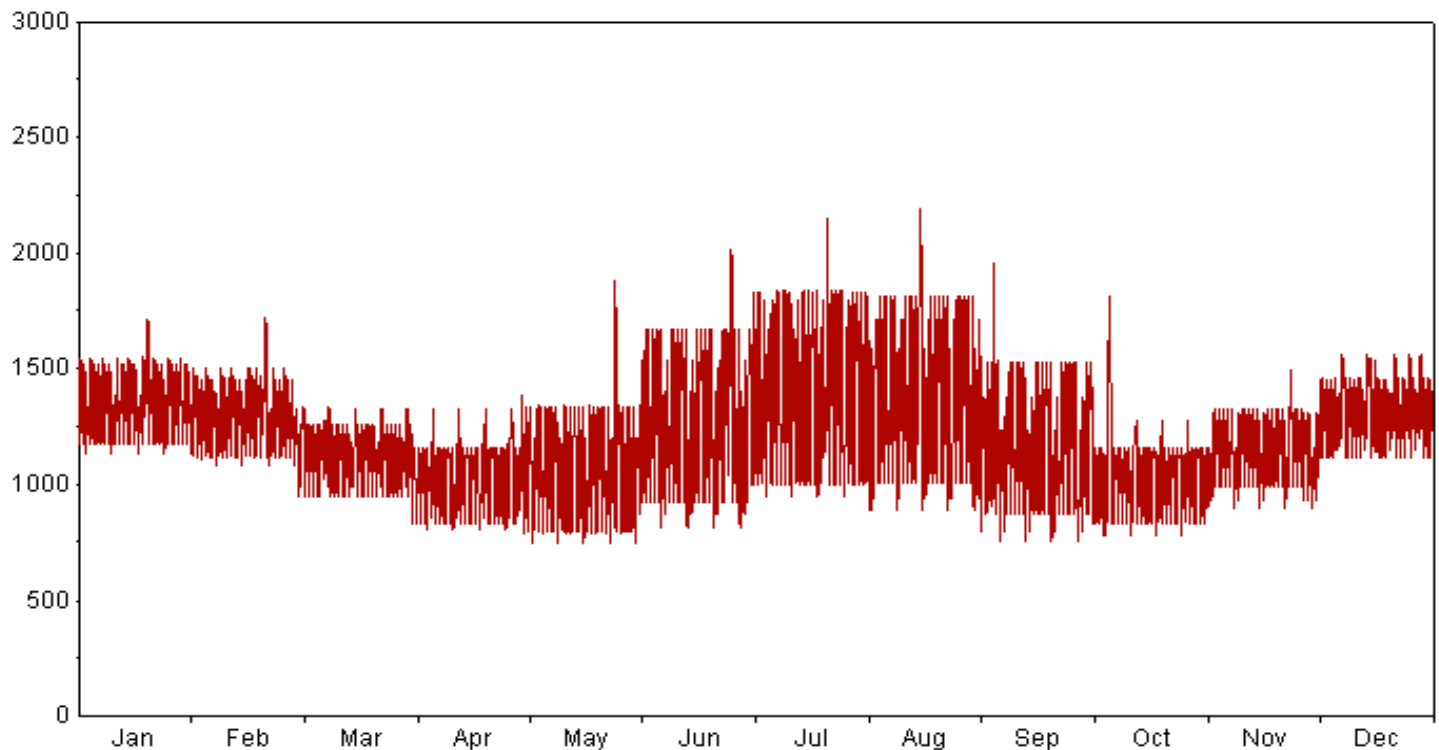
**Plot N-26 GMOC 2011 & 2012 Load Profiles****GMO Load Profile  
2011****GMO Load Profile  
2012**

**Plot N-27 GMOC 2013 & 2014 Load Profiles****GMOC Load Profile  
2013****GMOC Load Profile  
2014**

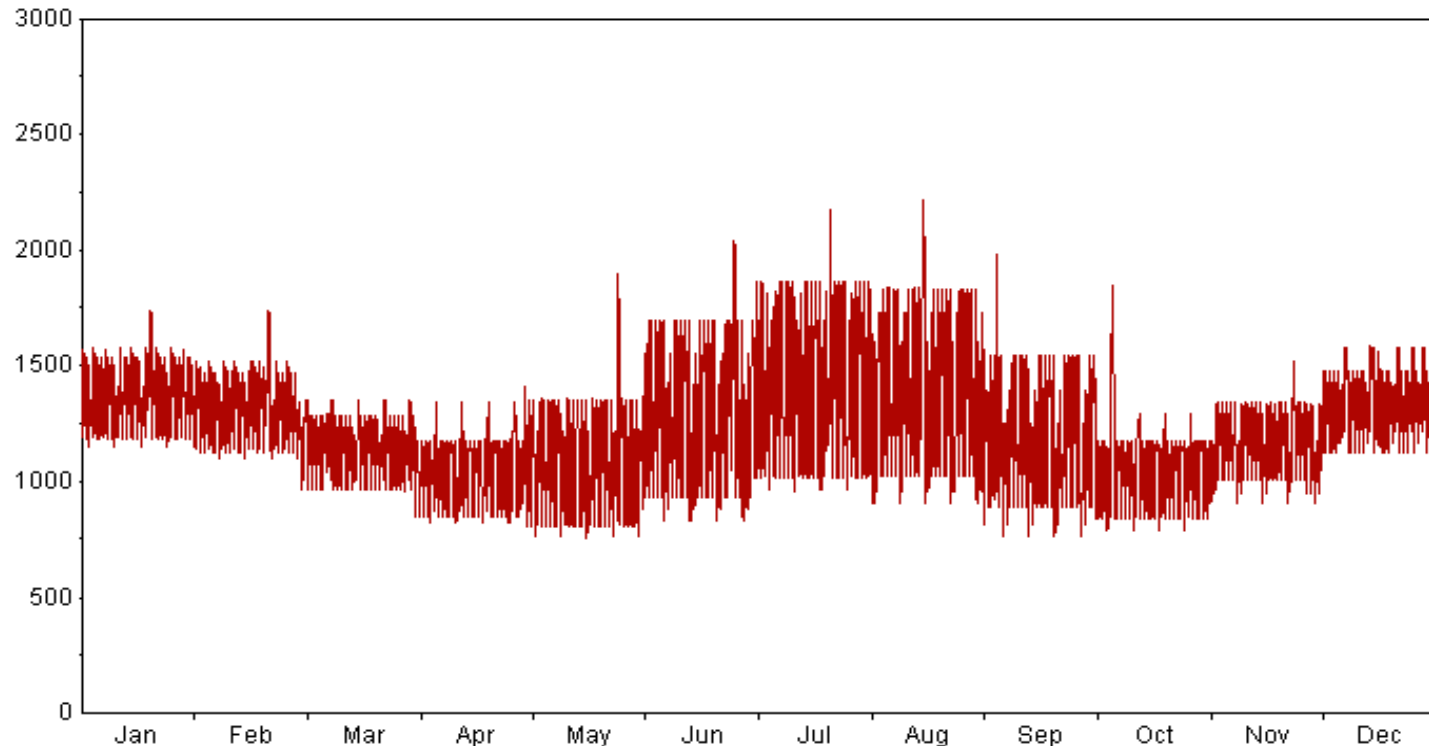
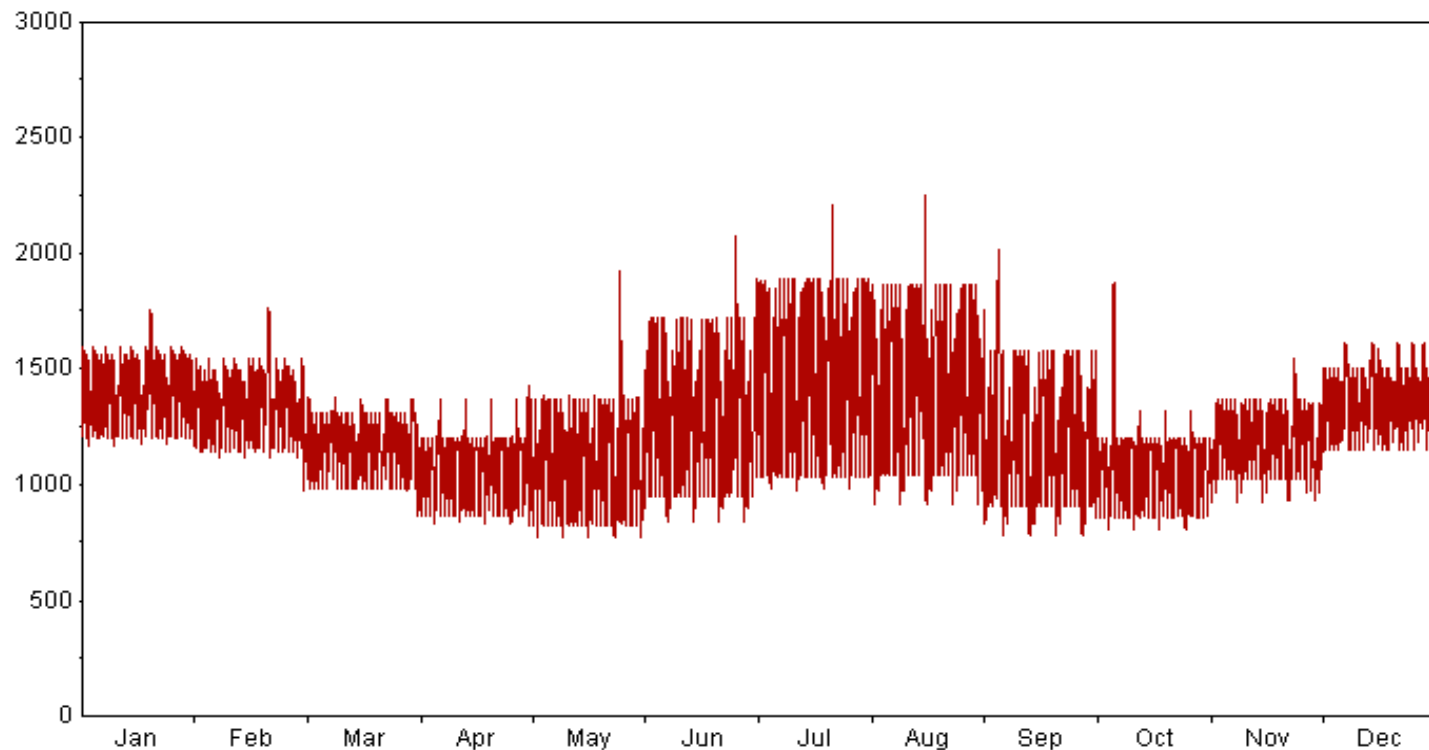
**Plot N-28 GMOC 2015 & 2016 Load Profiles****GMOC Load Profile  
2015****GMOC Load Profile  
2016**

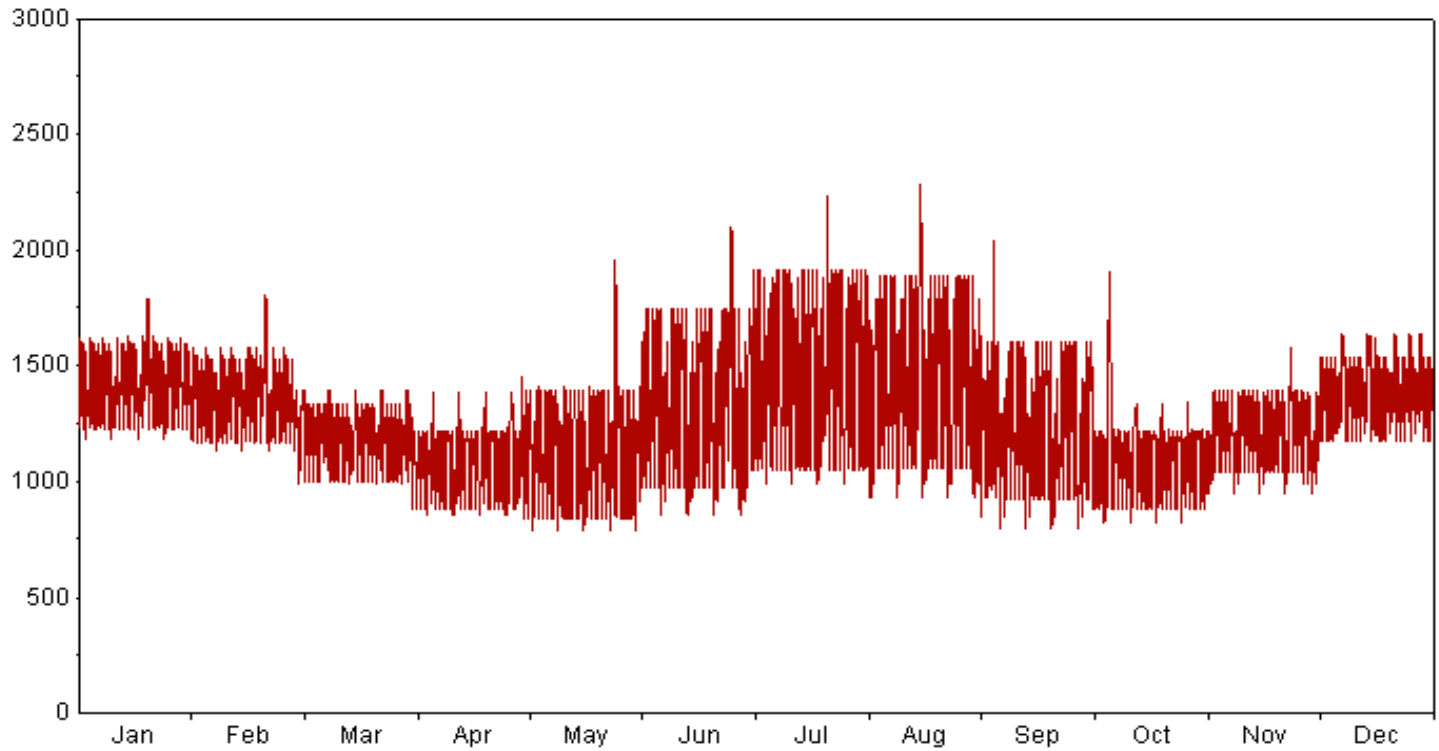
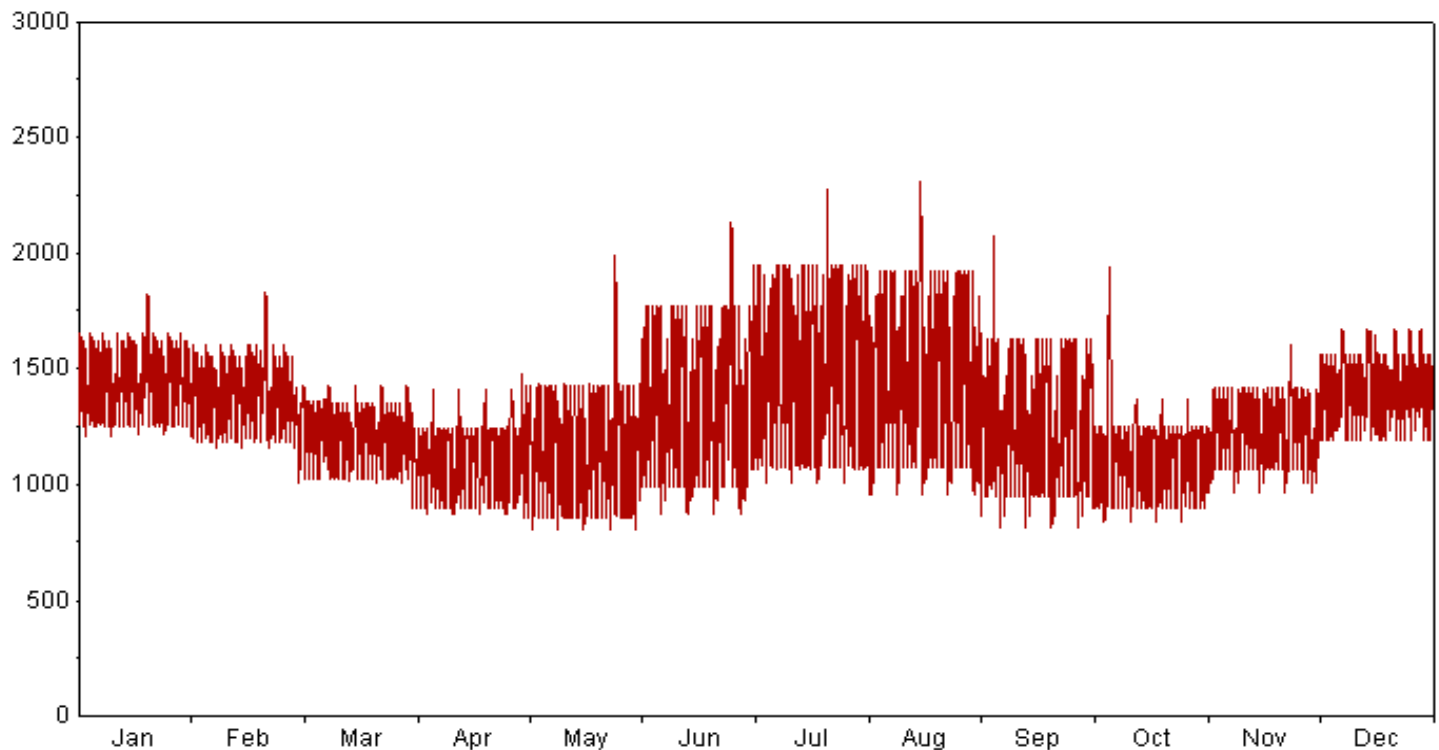
**Plot N-29 GMOC 2017 & 2018 Load Profiles****GMOC Load Profile  
2017****GMOC Load Profile  
2018**

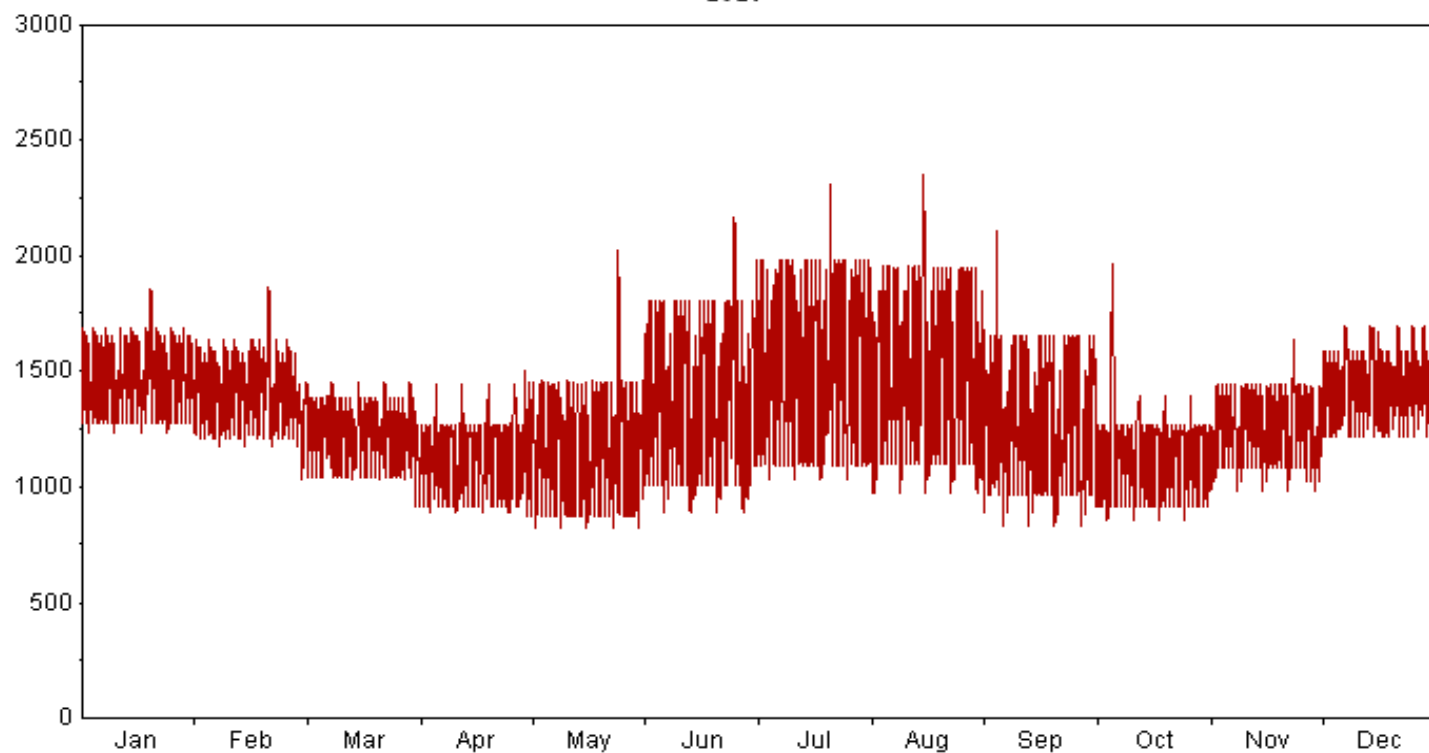
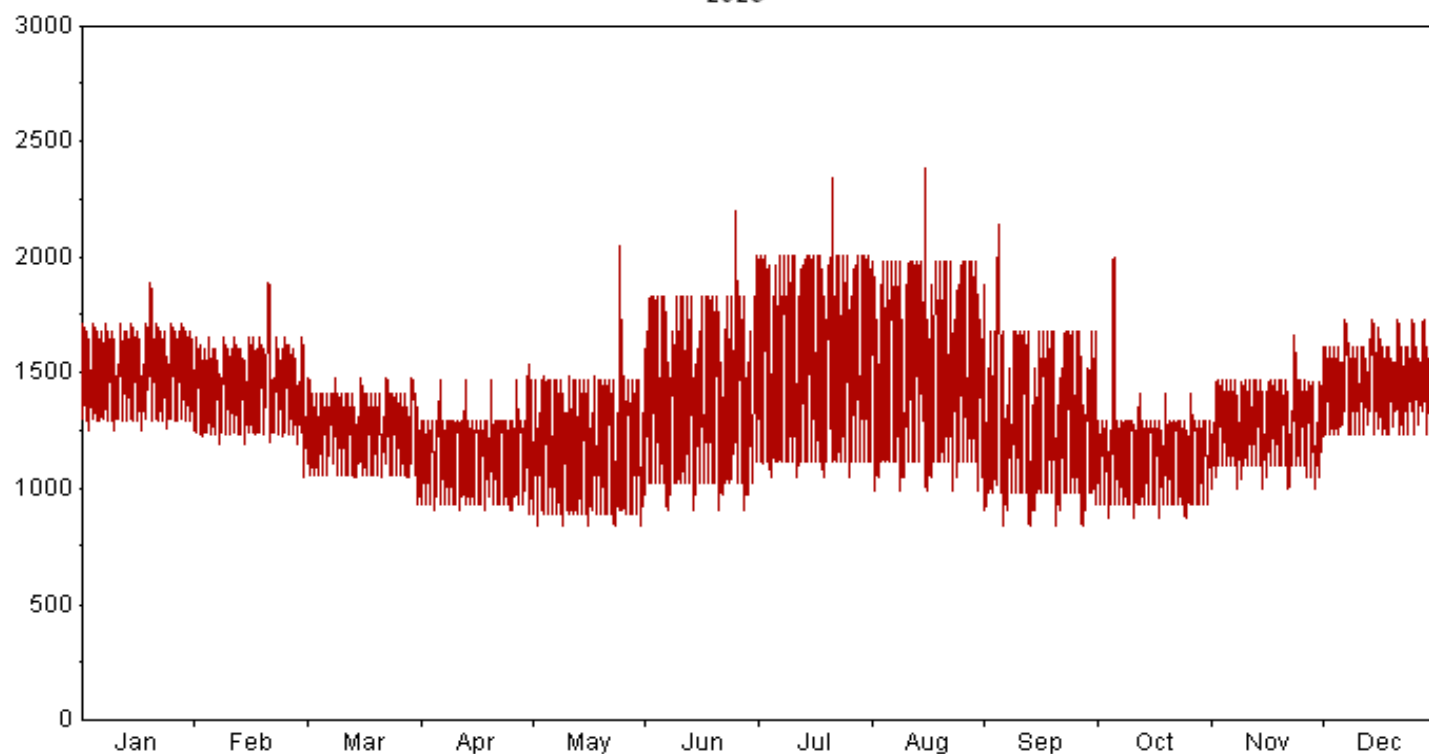
**Plot N-30 GMOC 2019 & 2020 Load Profiles****GMOC Load Profile  
2019****GMOC Load Profile  
2020**

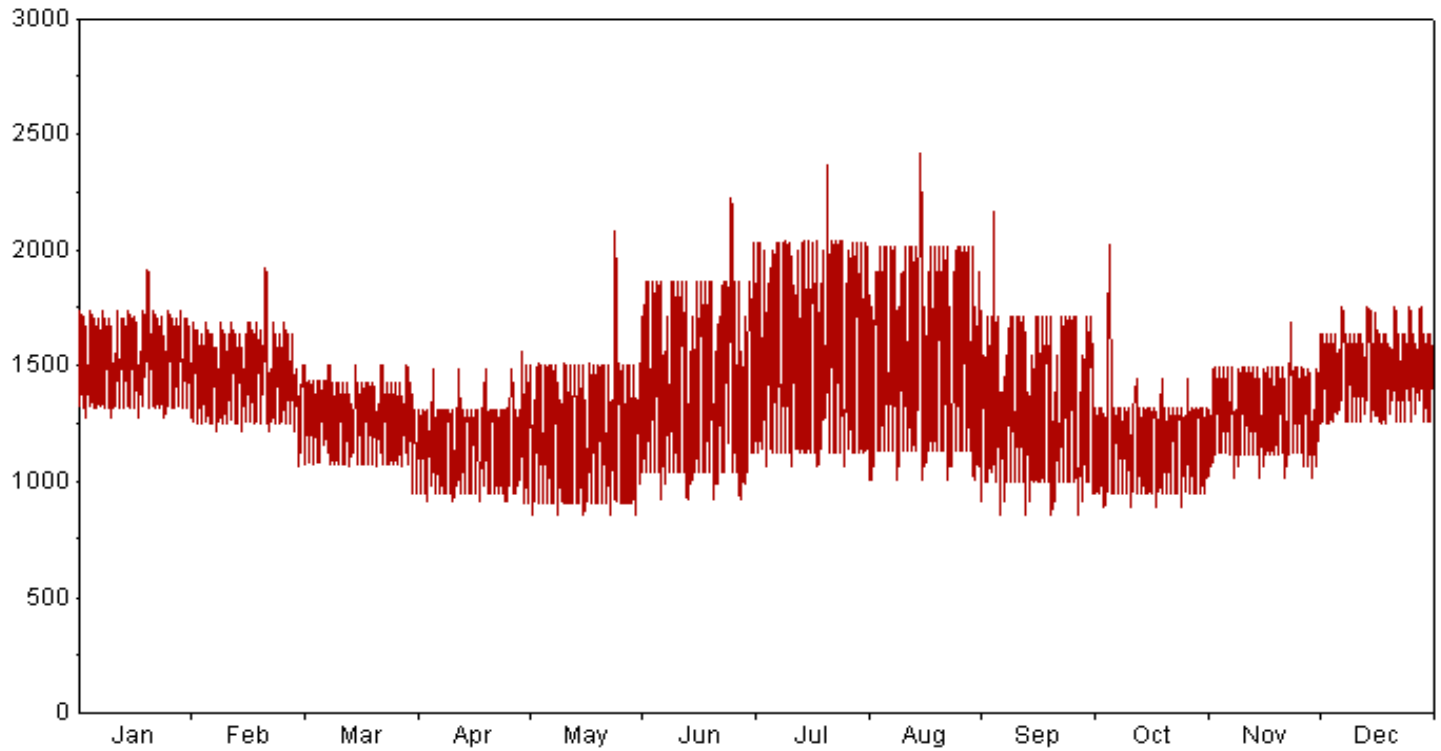
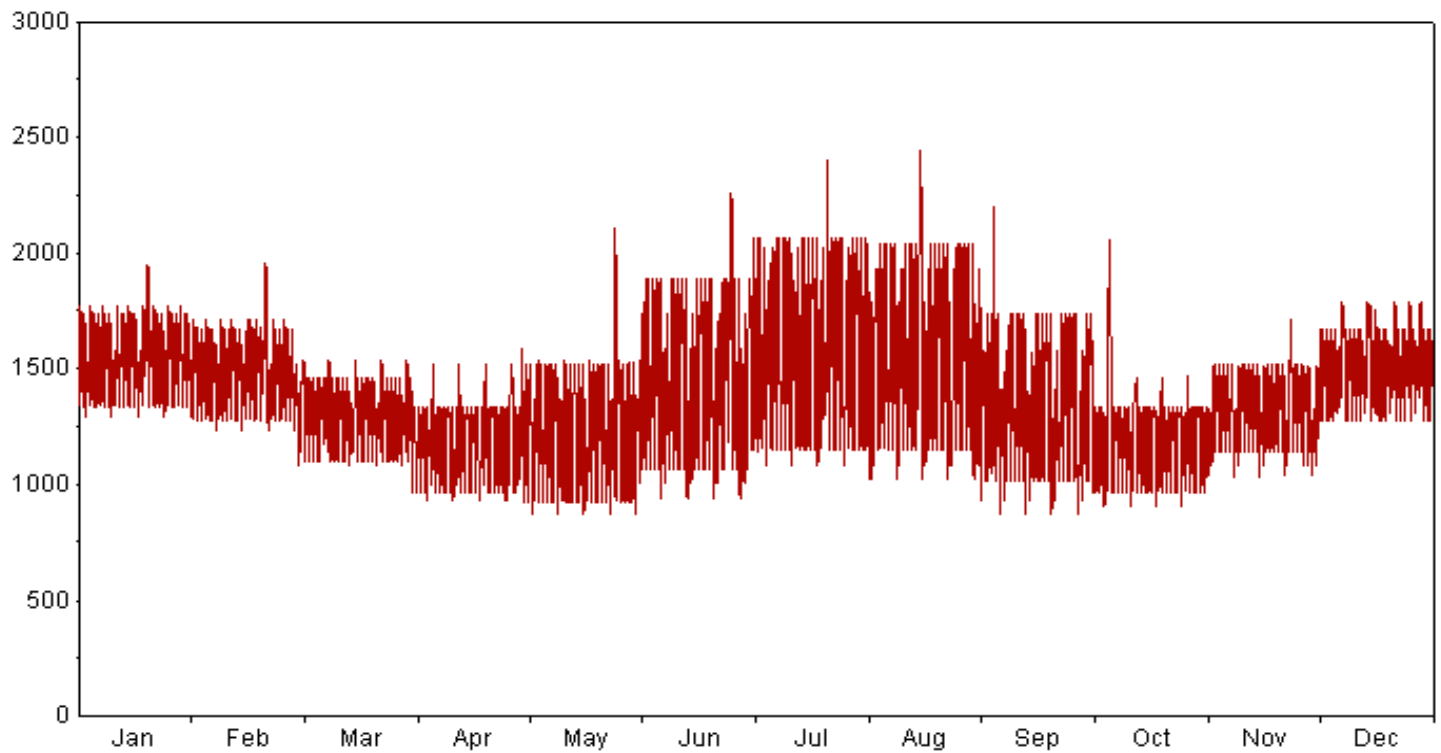
**Plot N-31 GMOC 2020 & 2021 Load Profiles****GMOC Load Profile  
2021****GMOC Load Profile  
2022**



**Plot N-32 GMOC 2023 & 2024 Load Profiles****GMOC Load Profile  
2023****GMOC Load Profile  
2024**

**Plot N-33 GMOC 2025 & 2026 Load Profiles****GMOC Load Profile  
2025****GMOC Load Profile  
2026**

**Plot N-34 GMOC 2027 & 2028 Load Profiles****GMO Load Profile  
2027****GMO Load Profile  
2028**

**Plot N-35 GMOC 2029 & 2030 Load Profiles****GMOC Load Profile  
2029****GMOC Load Profile  
2030**

**Plot N-36 GMOC 2006 - 2035 Annual Load Profiles**