



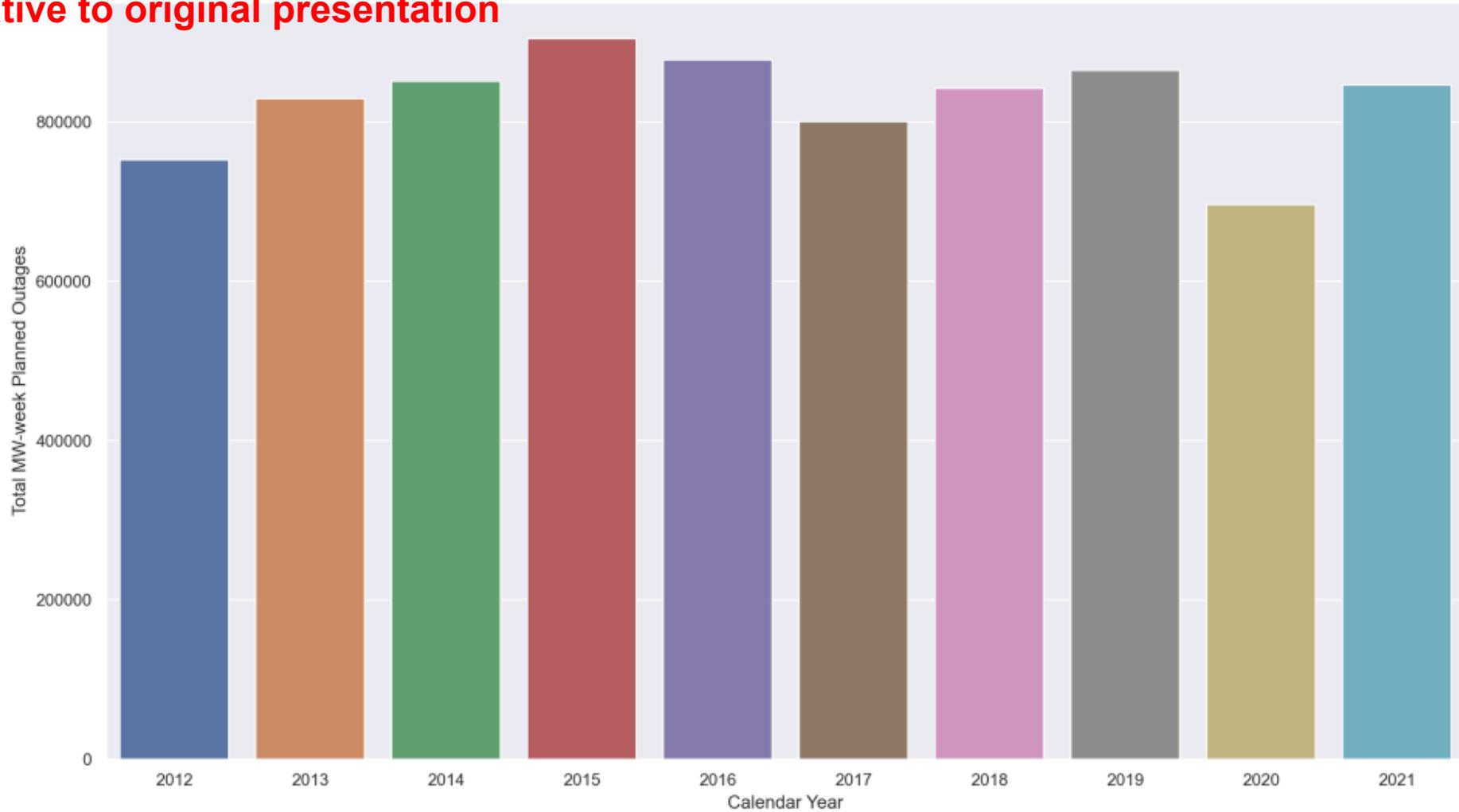
# Responses to RASTF Data Analysis requests

Patricio Rocha Garrido  
Resource Adequacy Planning  
RASTF  
October 31, 2022

- Addresses partially or fully the following requests
  - Review Planned Outages of Unlimited Thermal Resources submitted by AEE
  - Typical MW of planned maintenance by week of year, recent years submitted by Jim Wilson

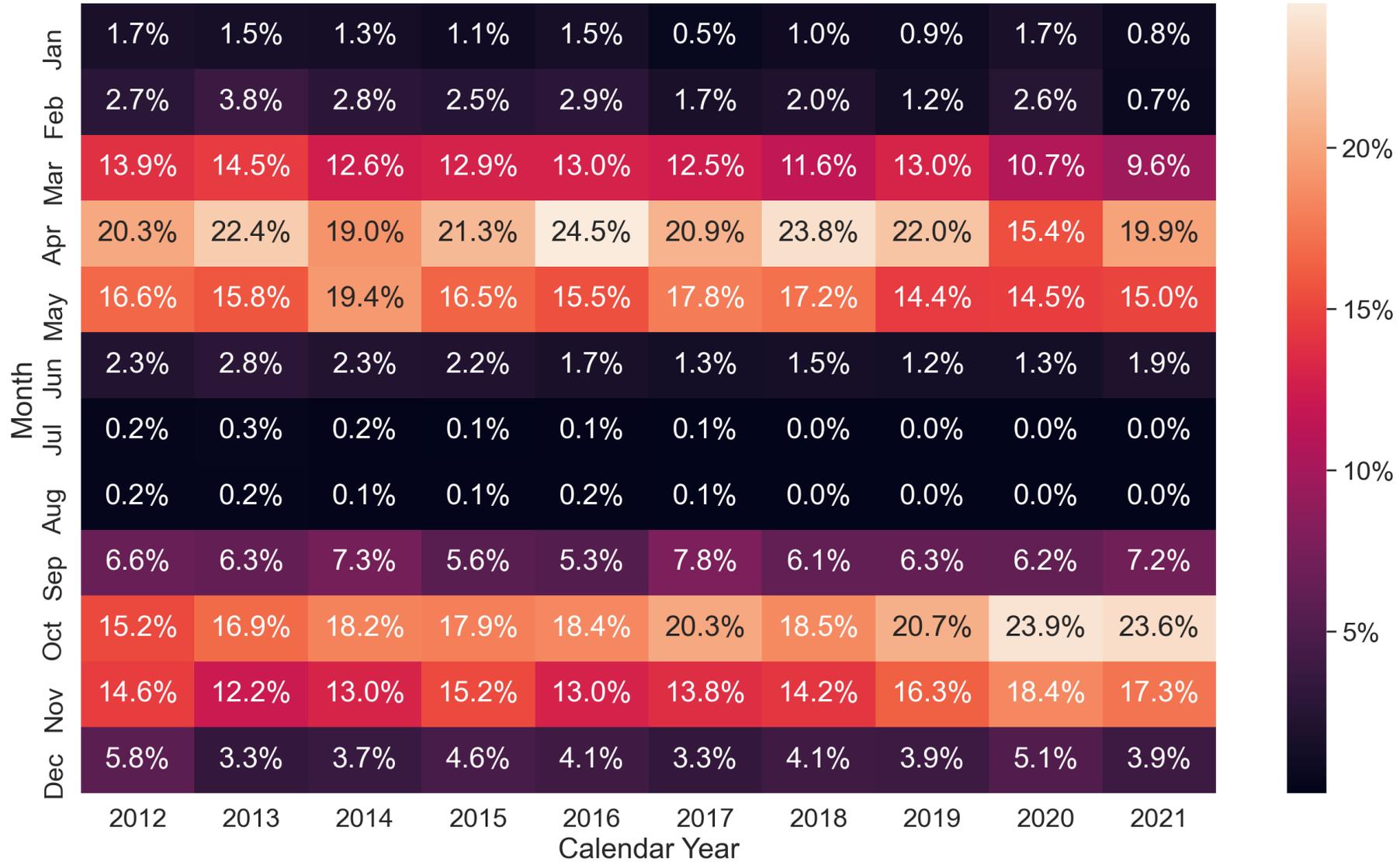
# Total MW-week of Planned Outages for each Year

Modified relative to original presentation



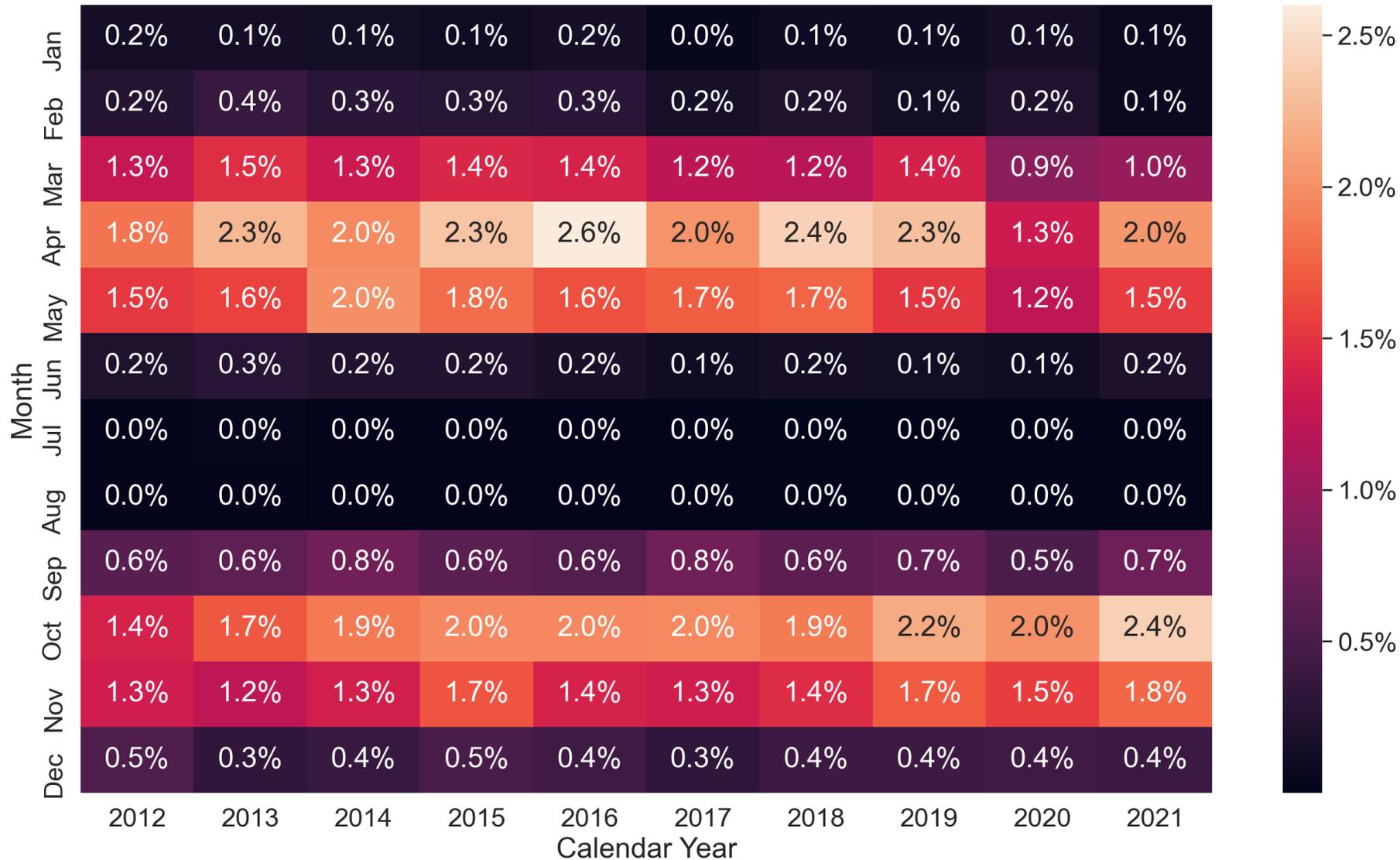


# Share of Planned Outages by Month in Each Calendar Year



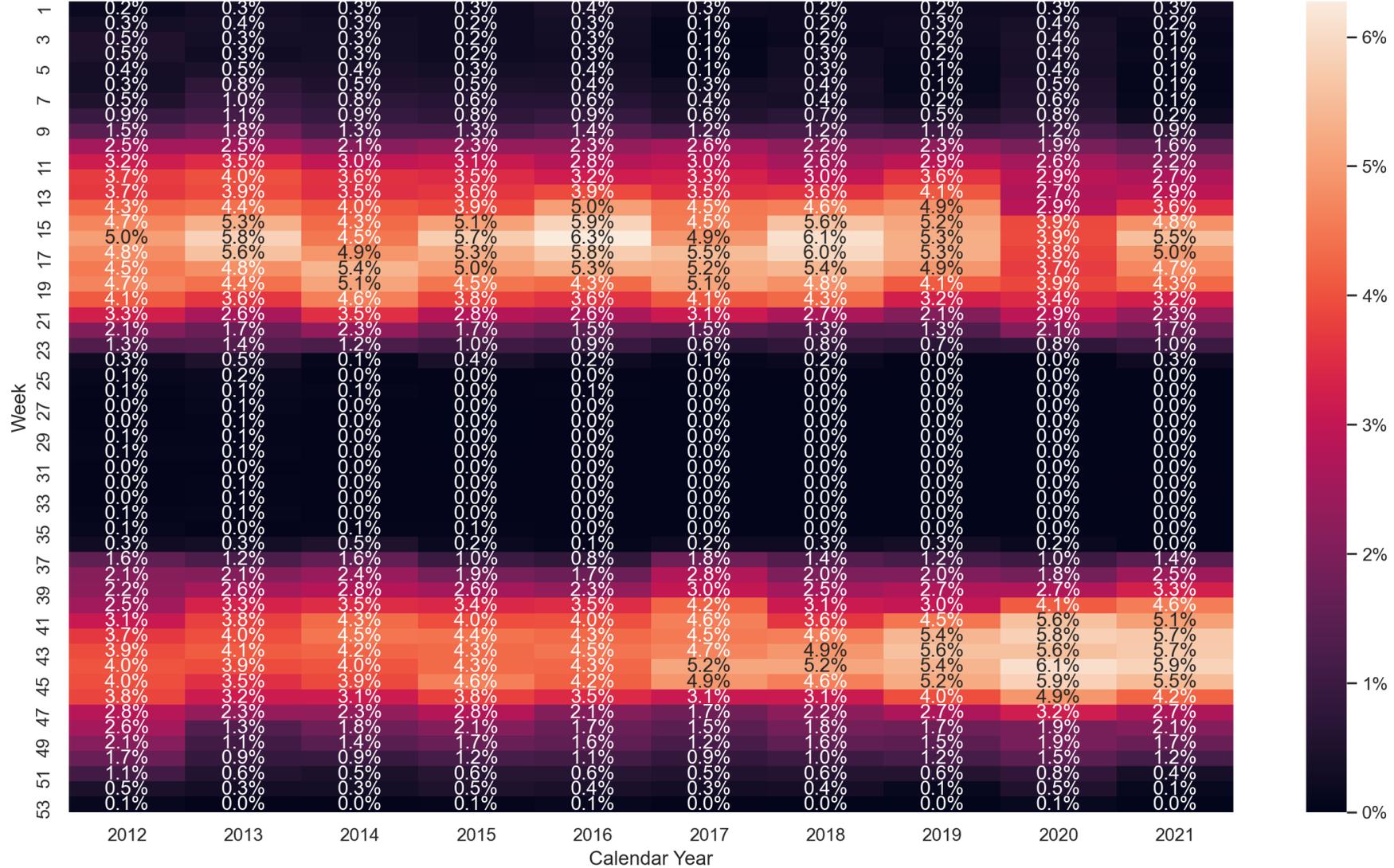


# Share of Planned Outages by Month in Period 2012-2021



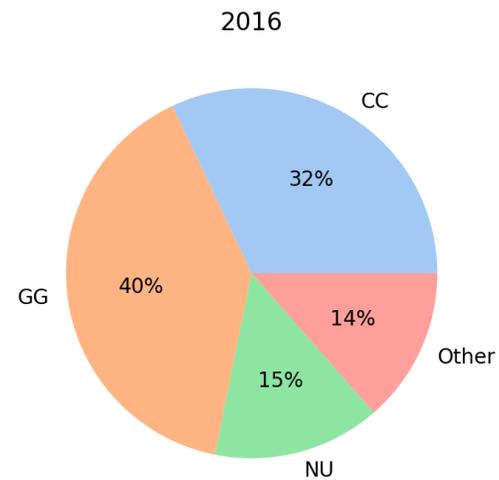
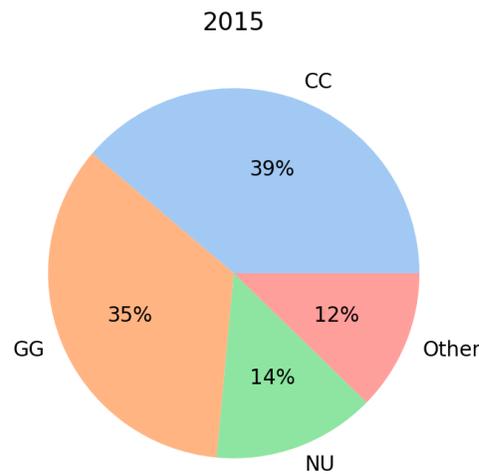
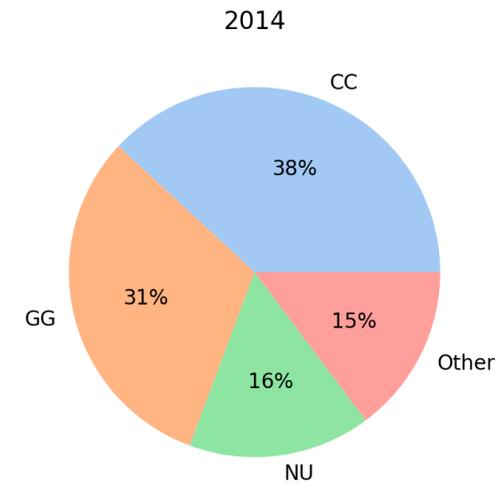
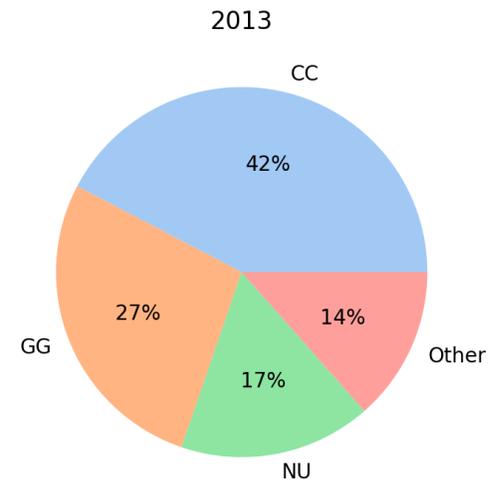
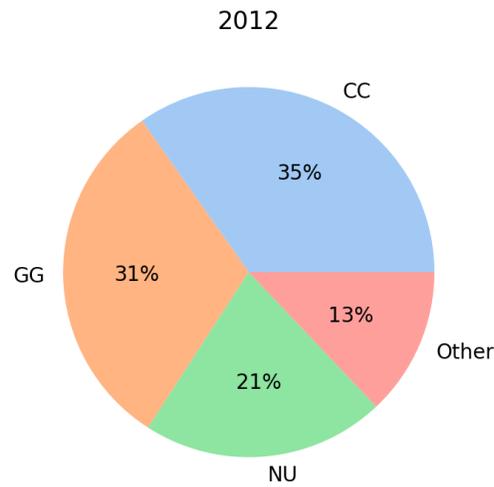


# Share of Planned Outages by Week in Each Calendar Year





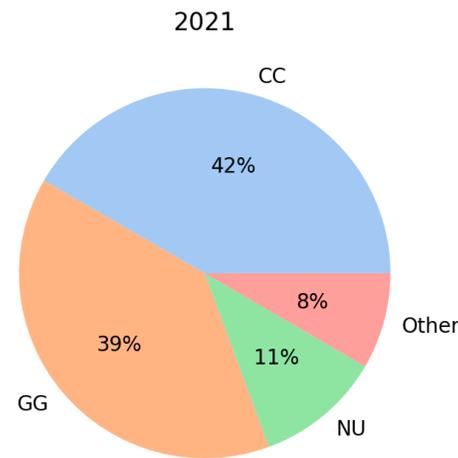
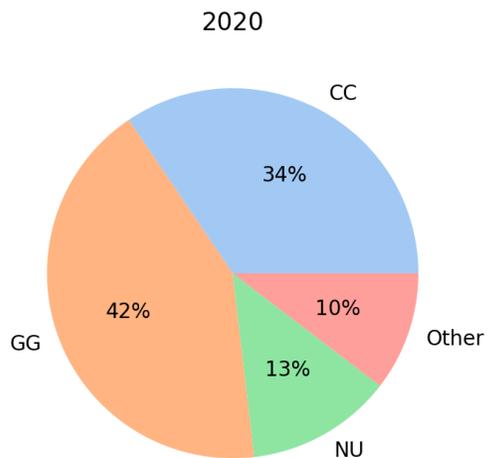
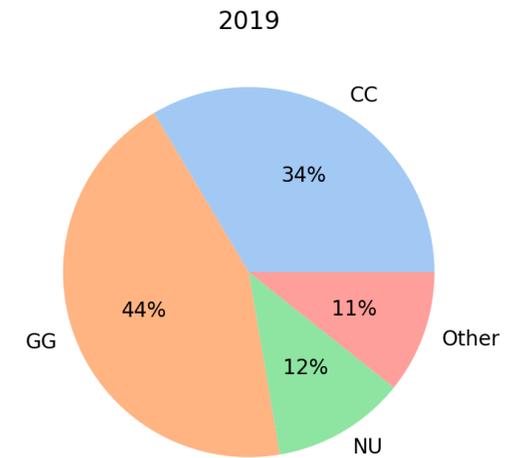
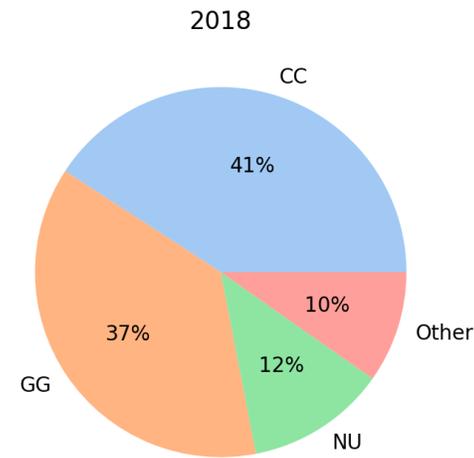
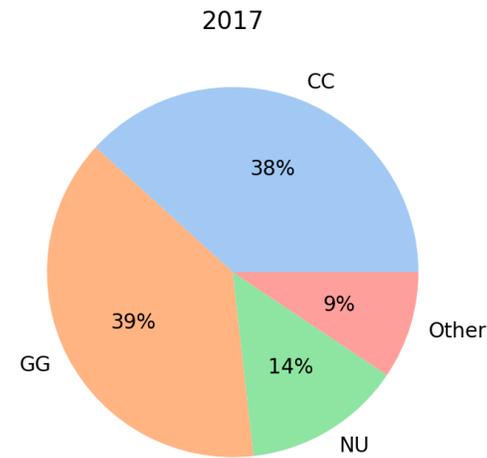
# Planned Outages Share by Fuel, 2012-2016 (Retired units removed)



CC: Coal  
GG: Natural Gas  
NU: Nuclear

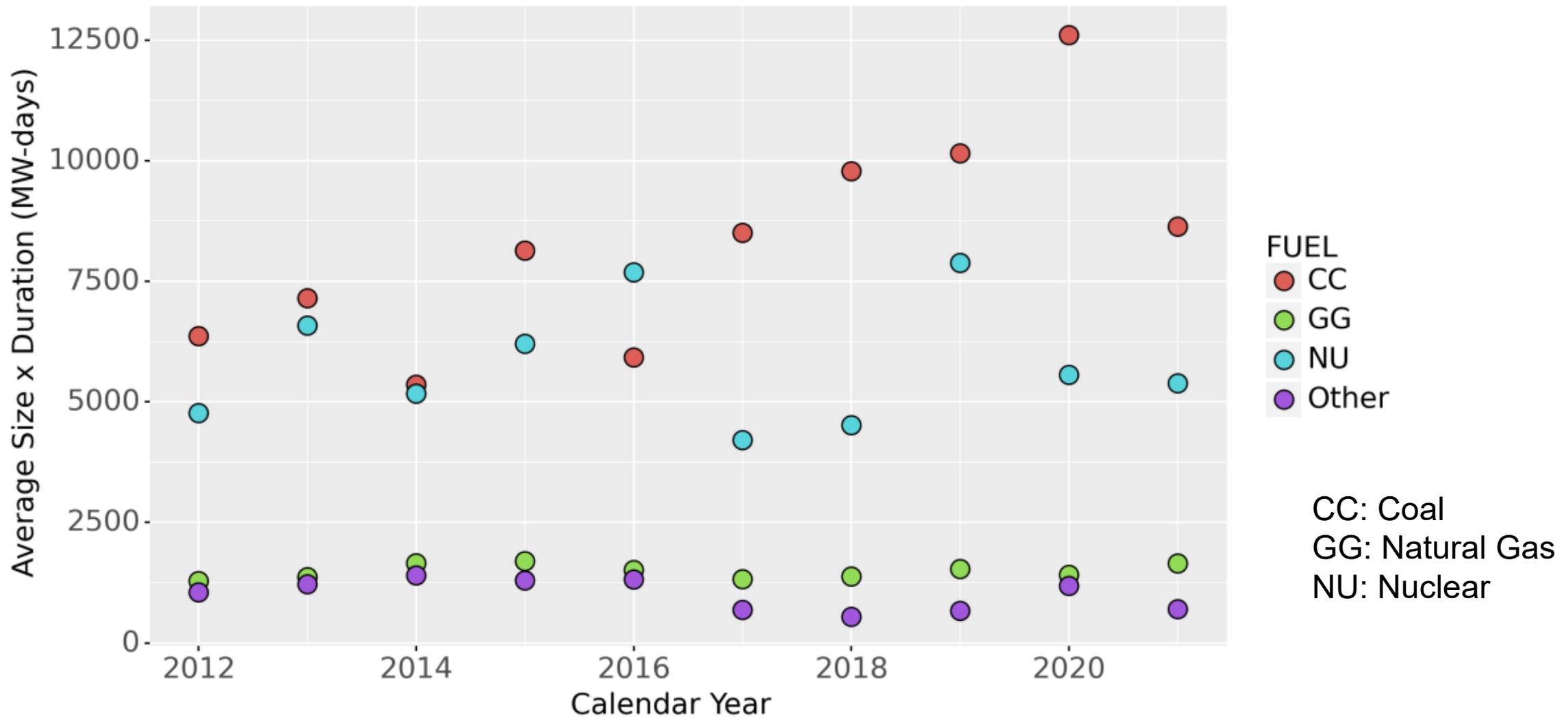


# Planned Outages Share by Fuel, 2017-2021 (Retired units removed)



CC: Coal  
GG: Natural Gas  
NU: Nuclear

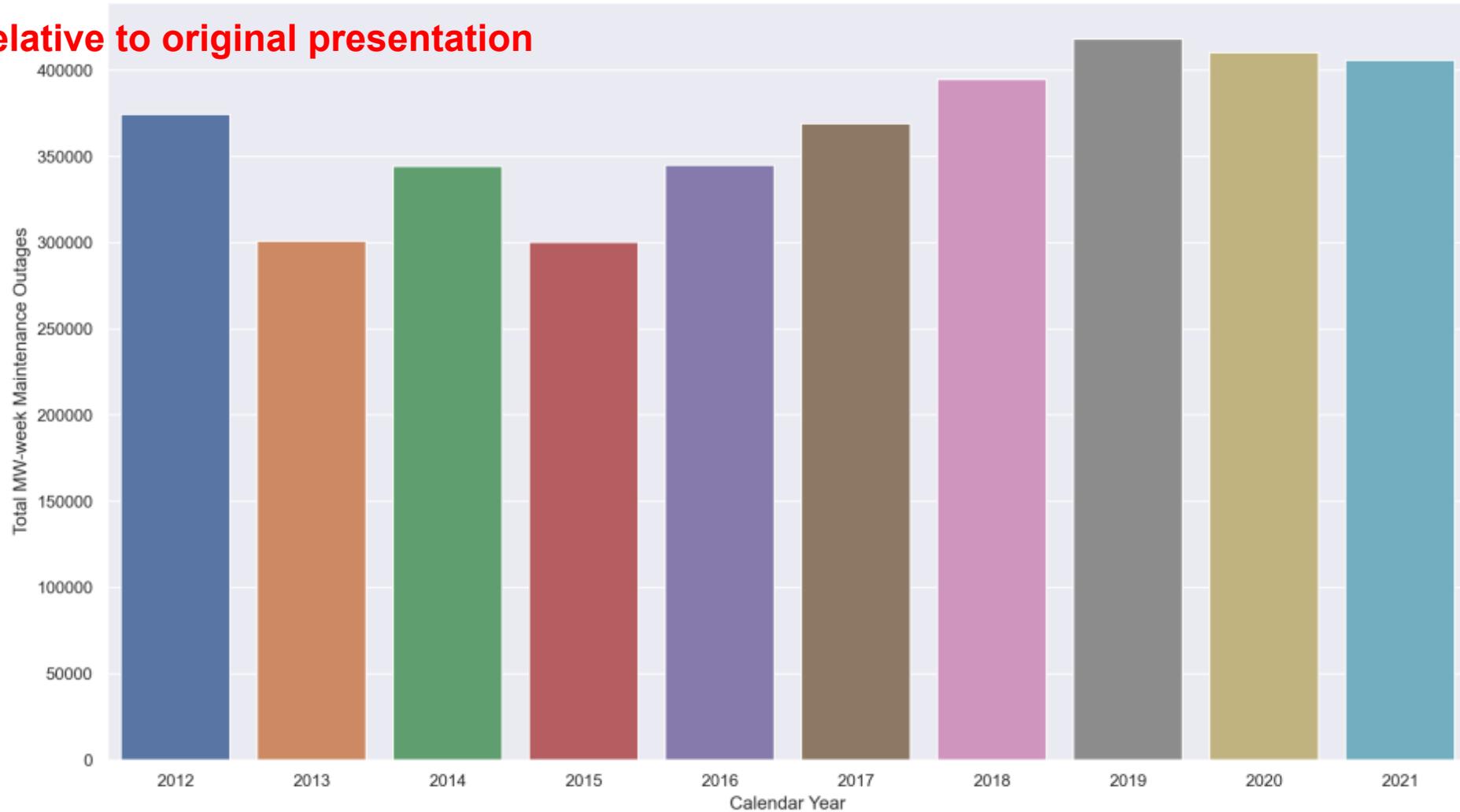
# Average PO MW Size x Duration by Year and Primary Fuel



- Addresses partially or fully the following requests
  - Review of Maintenance Outages of Unlimited Thermal Resources submitted by AEE

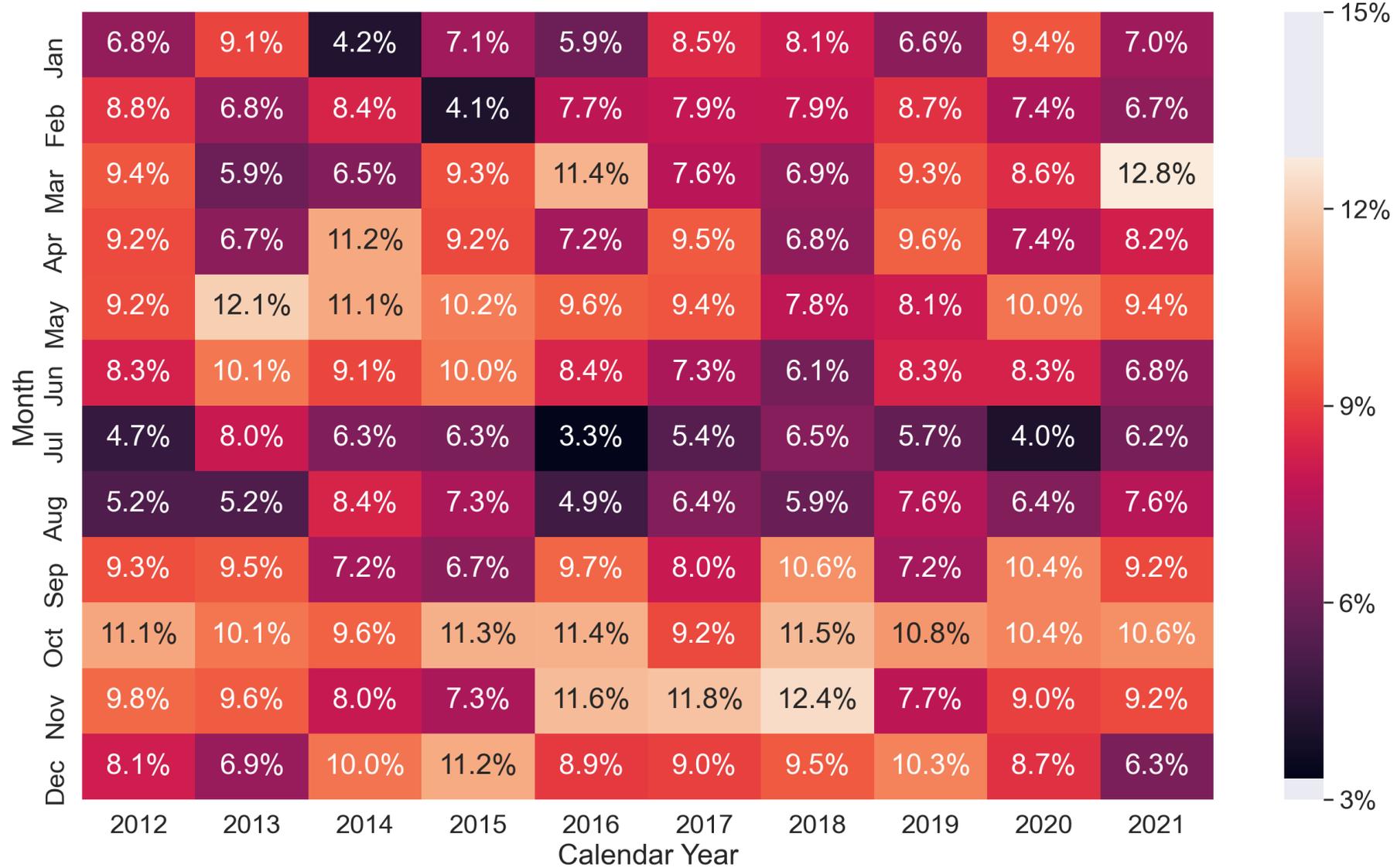
# Total MW-week of Maintenance Outages for each Year

**Modified relative to original presentation**



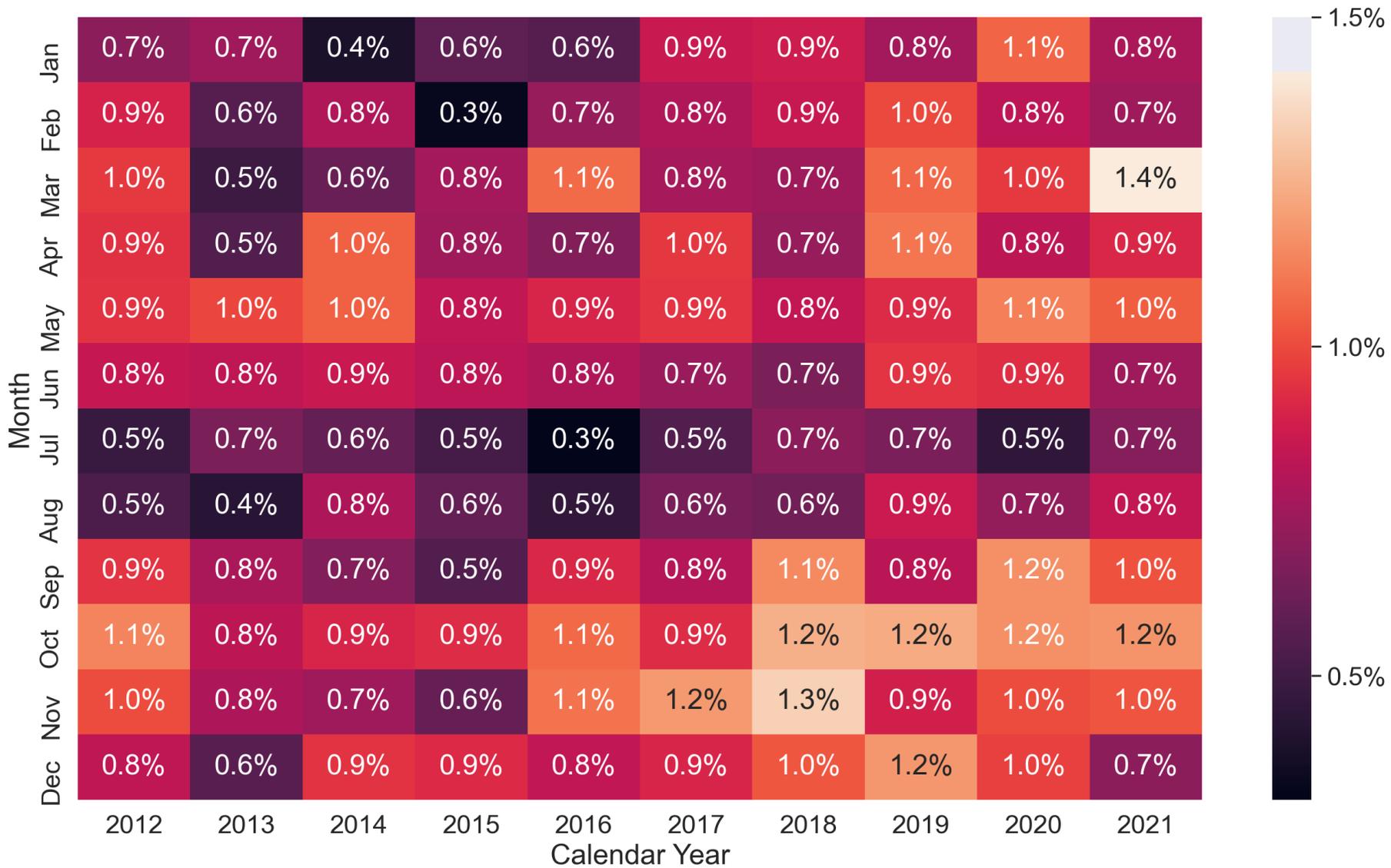


# Share of Maintenance Outages by Month in Each Calendar Year



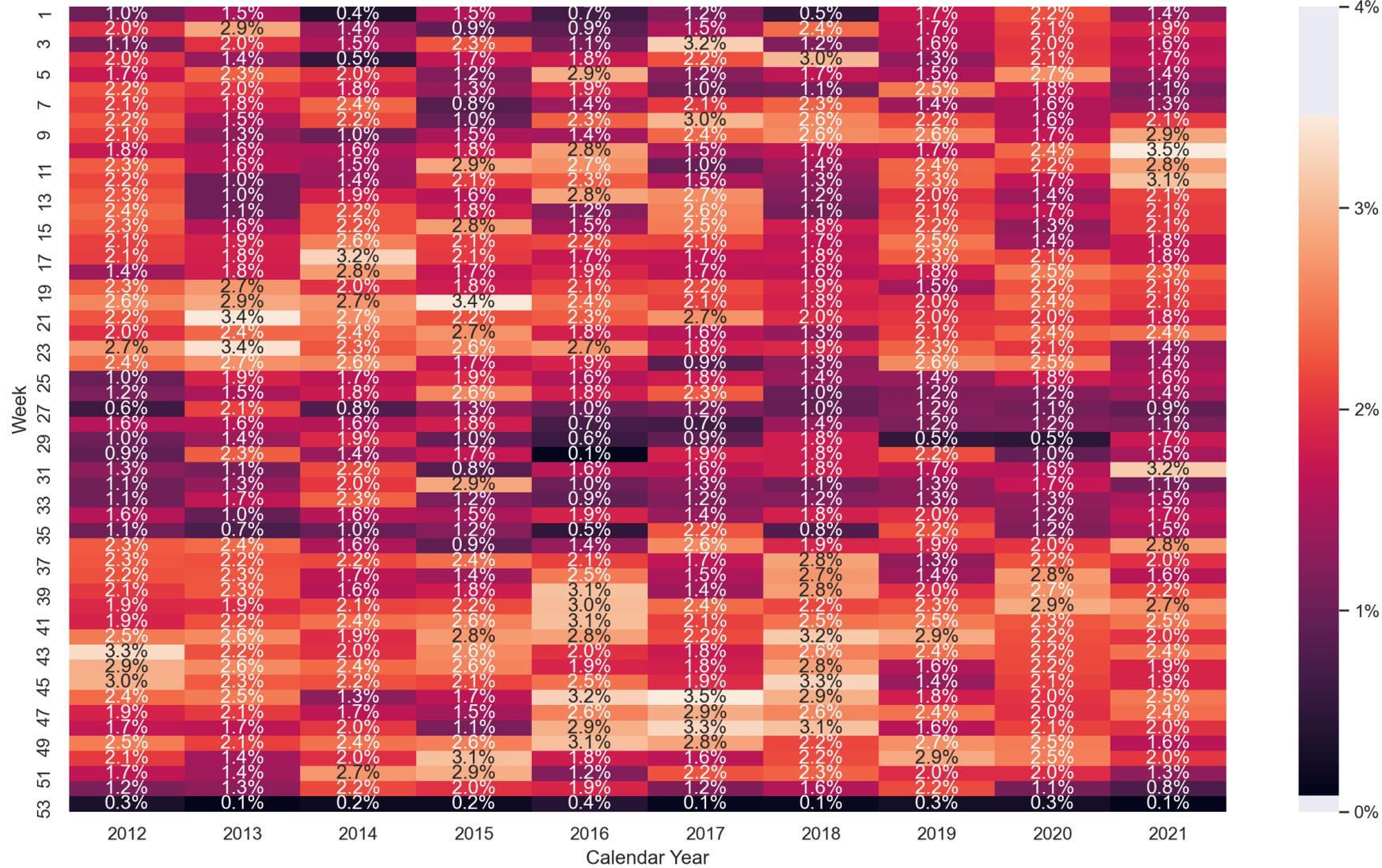


# Share of Maintenance Outages by Month in Period 2012-2021



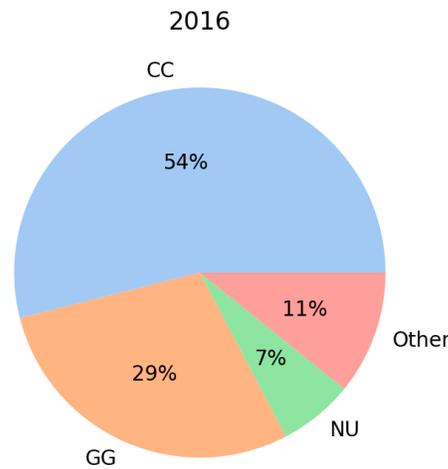
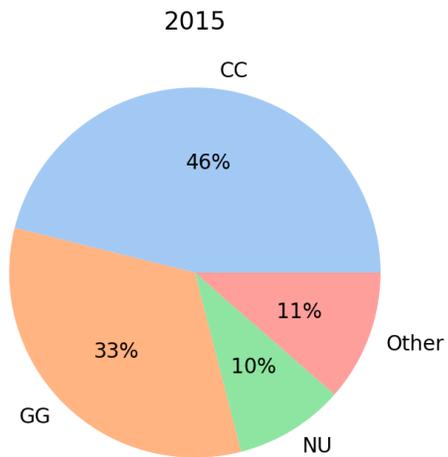
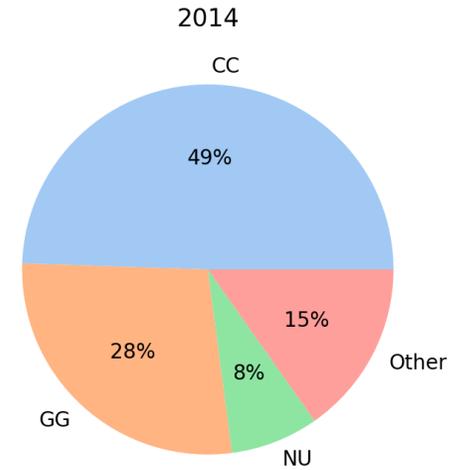
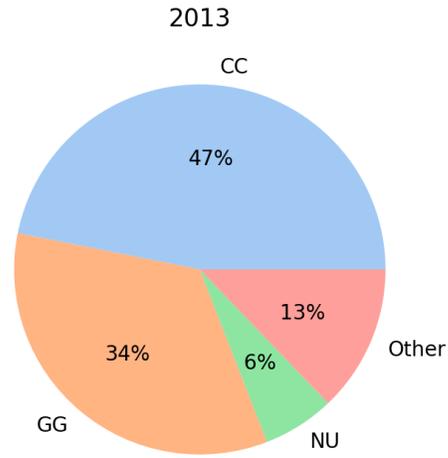
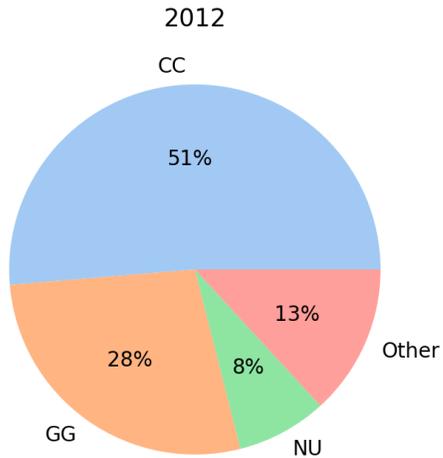


# Share of Maintenance Outages by Week in Each Calendar Year





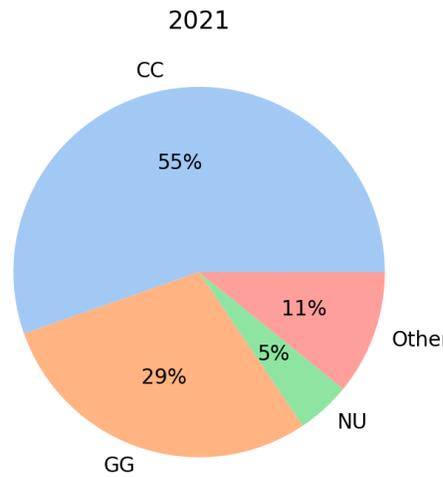
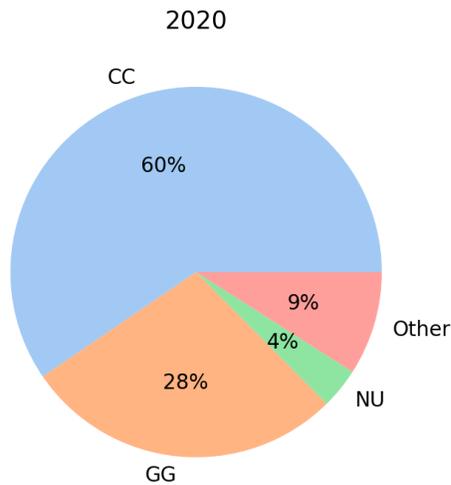
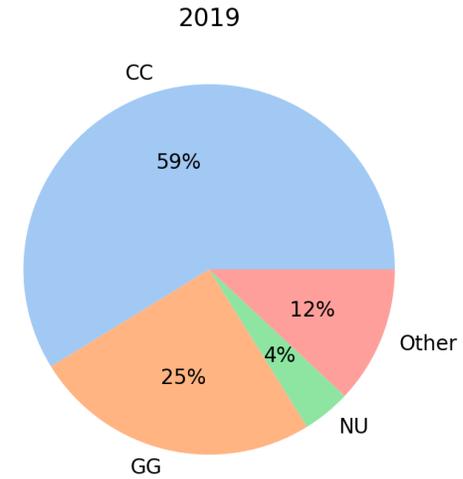
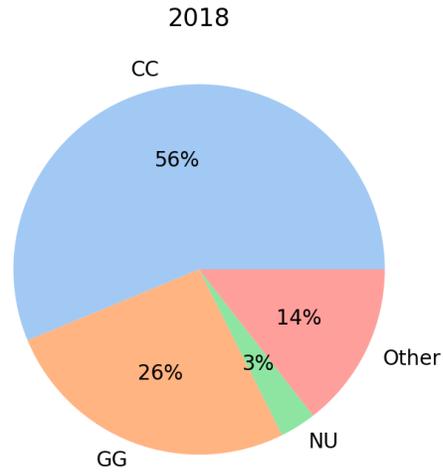
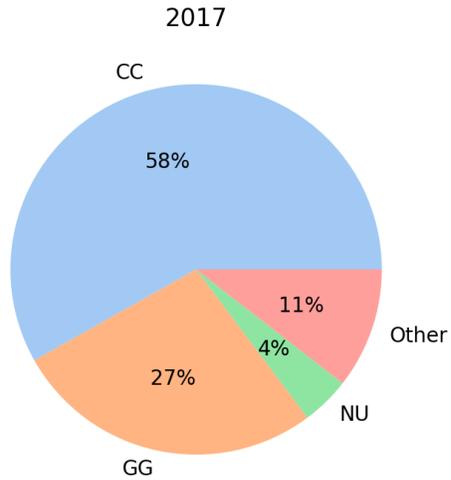
# Maintenance Outages Share by Fuel, 2012-2016 (Retired units removed)



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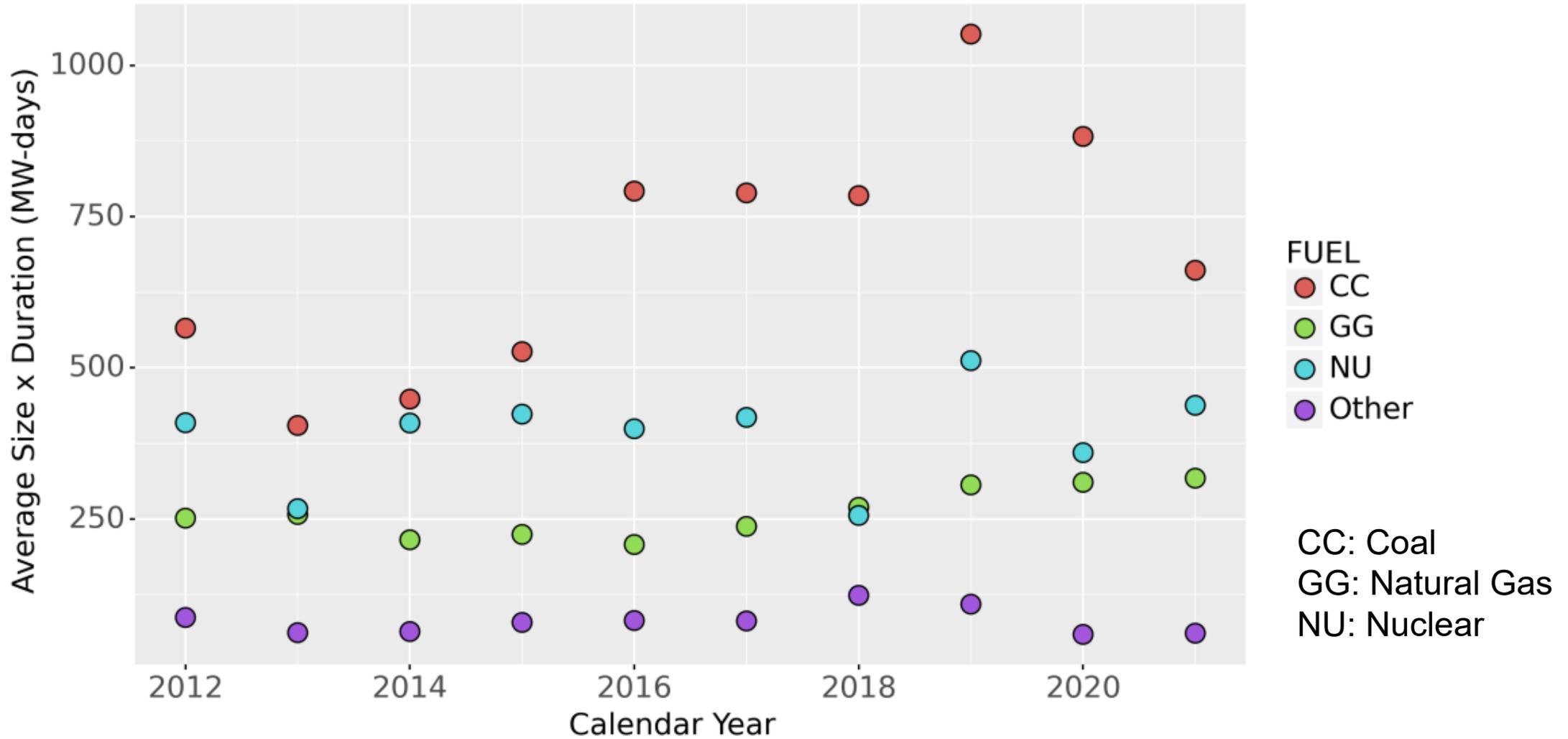


# Maintenance Outages Share by Fuel, 2017-2021 (Retired units removed)



CC: Coal  
GG: Natural Gas  
NU: Nuclear

# Average MO MW Size x Duration by Year and Primary Fuel



SME/Presenter:

Patricio Rocha-Garrido

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**Responses to RASTF Data Analysis requests**



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[custsvc@pjm.com](mailto:custsvc@pjm.com)

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