



# Western Interconnection Performance Charts

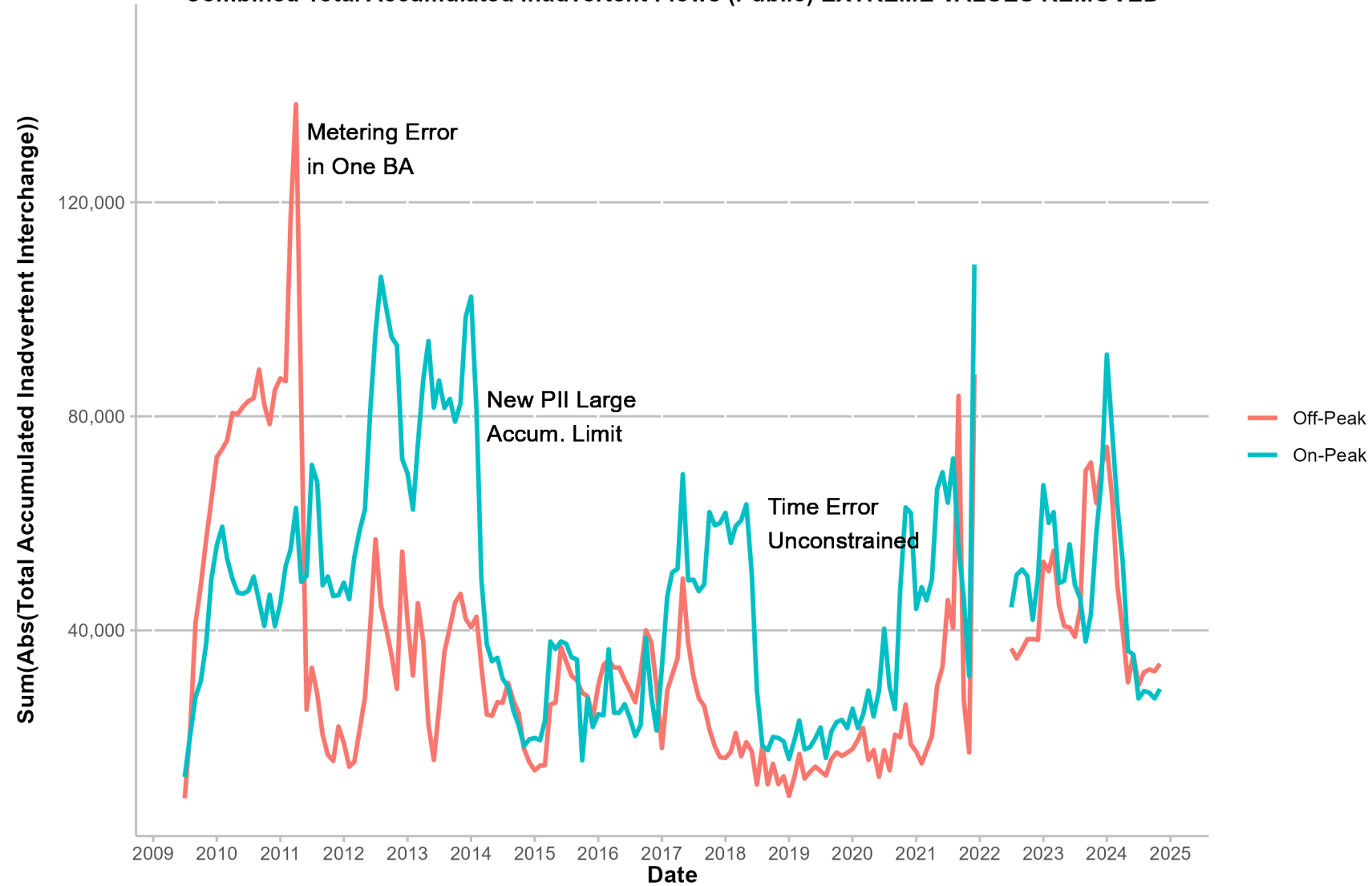
January 28, 2025

Peter Ashcroft  
Data Scientist

# Inadvertent Interchange

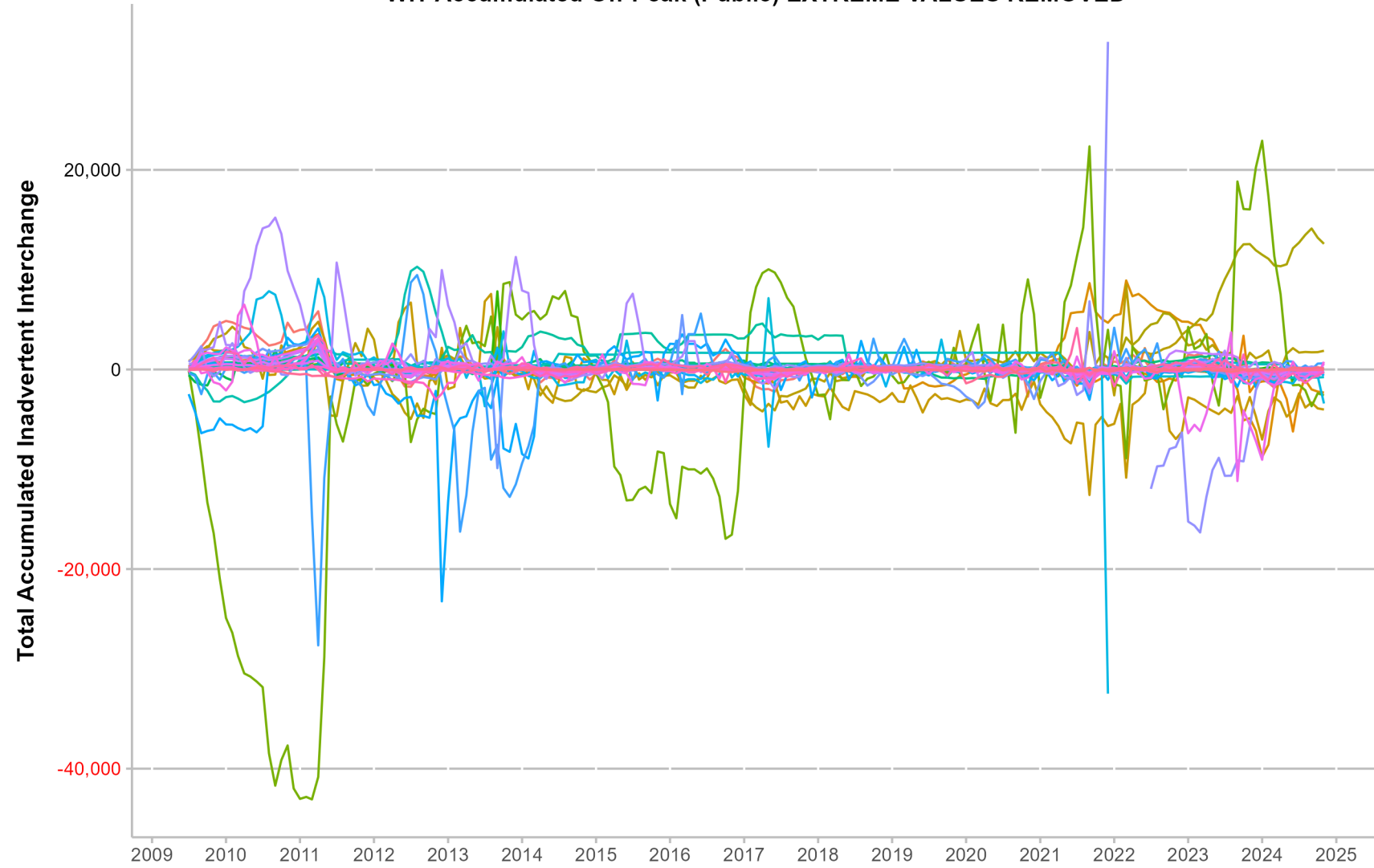
# Interconnection Total Inadvertent Exchange

Combined Total Accumulated Inadvertent Flows (Public) EXTREME VALUES REMOVED



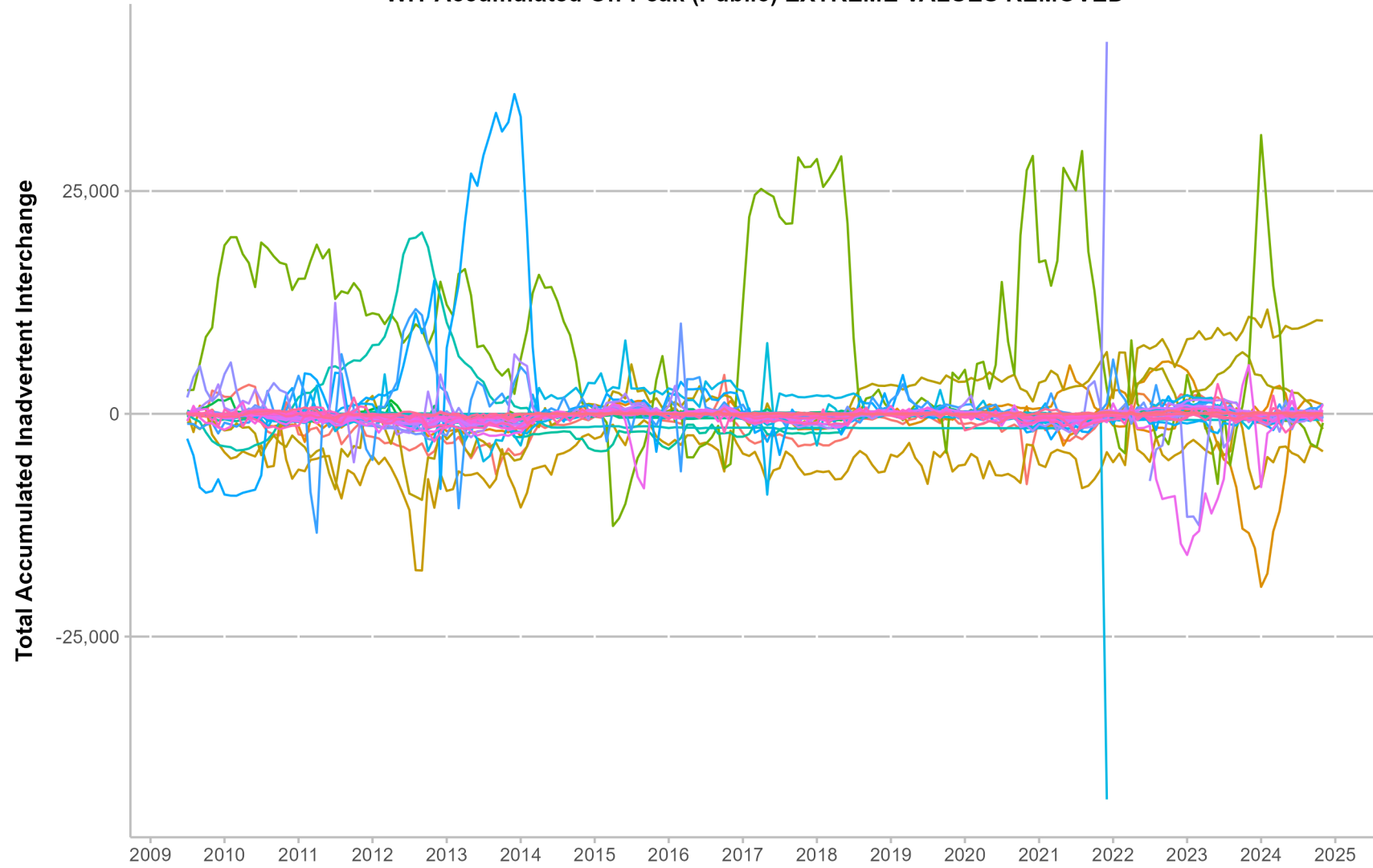
# Off-Peak Inadvertent Interchange by BA

WIT Accumulated Off-Peak (Public) EXTREME VALUES REMOVED



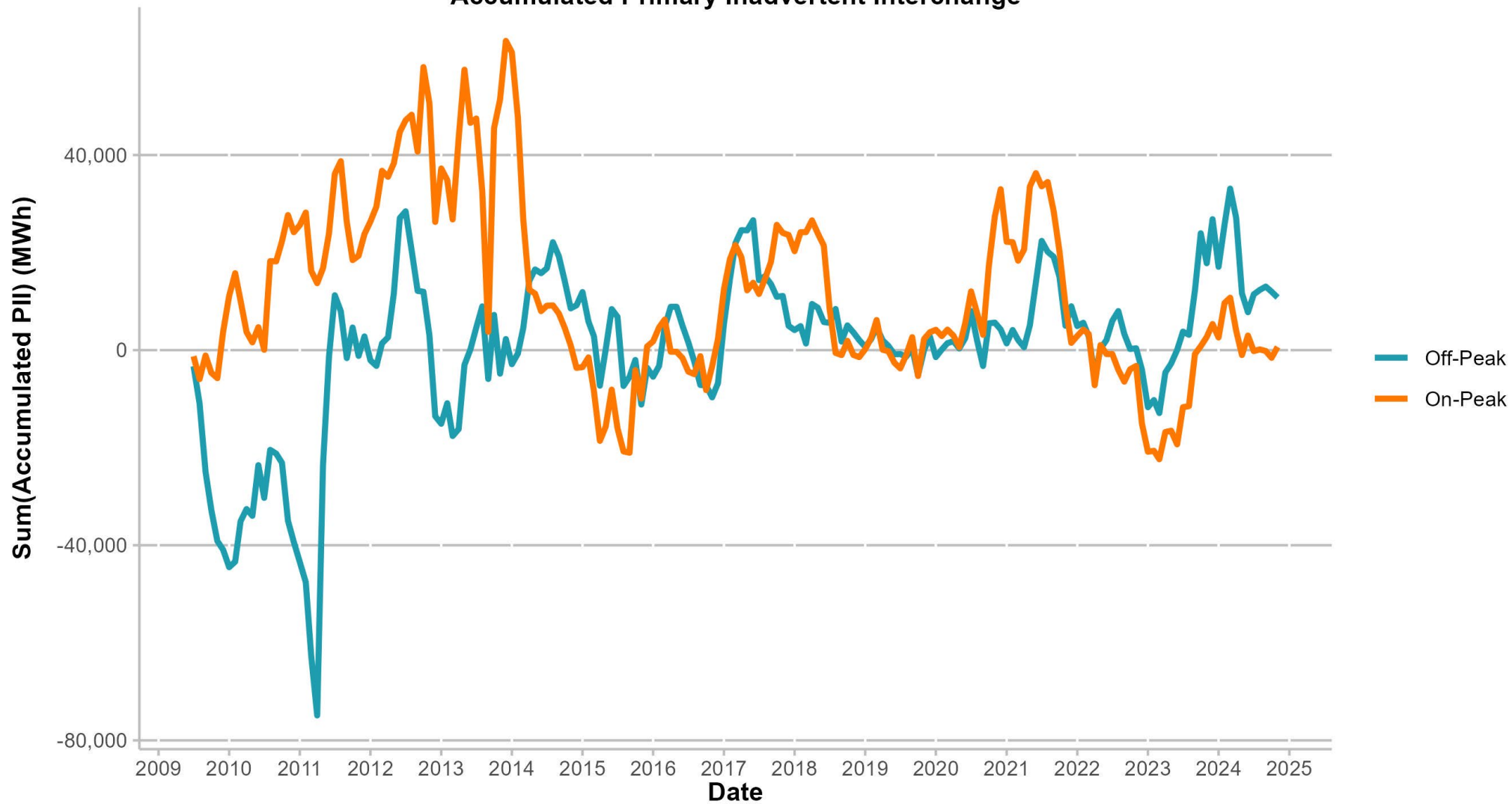
# On-Peak Inadvertent Interchange by BA

WIT Accumulated On-Peak (Public) EXTREME VALUES REMOVED



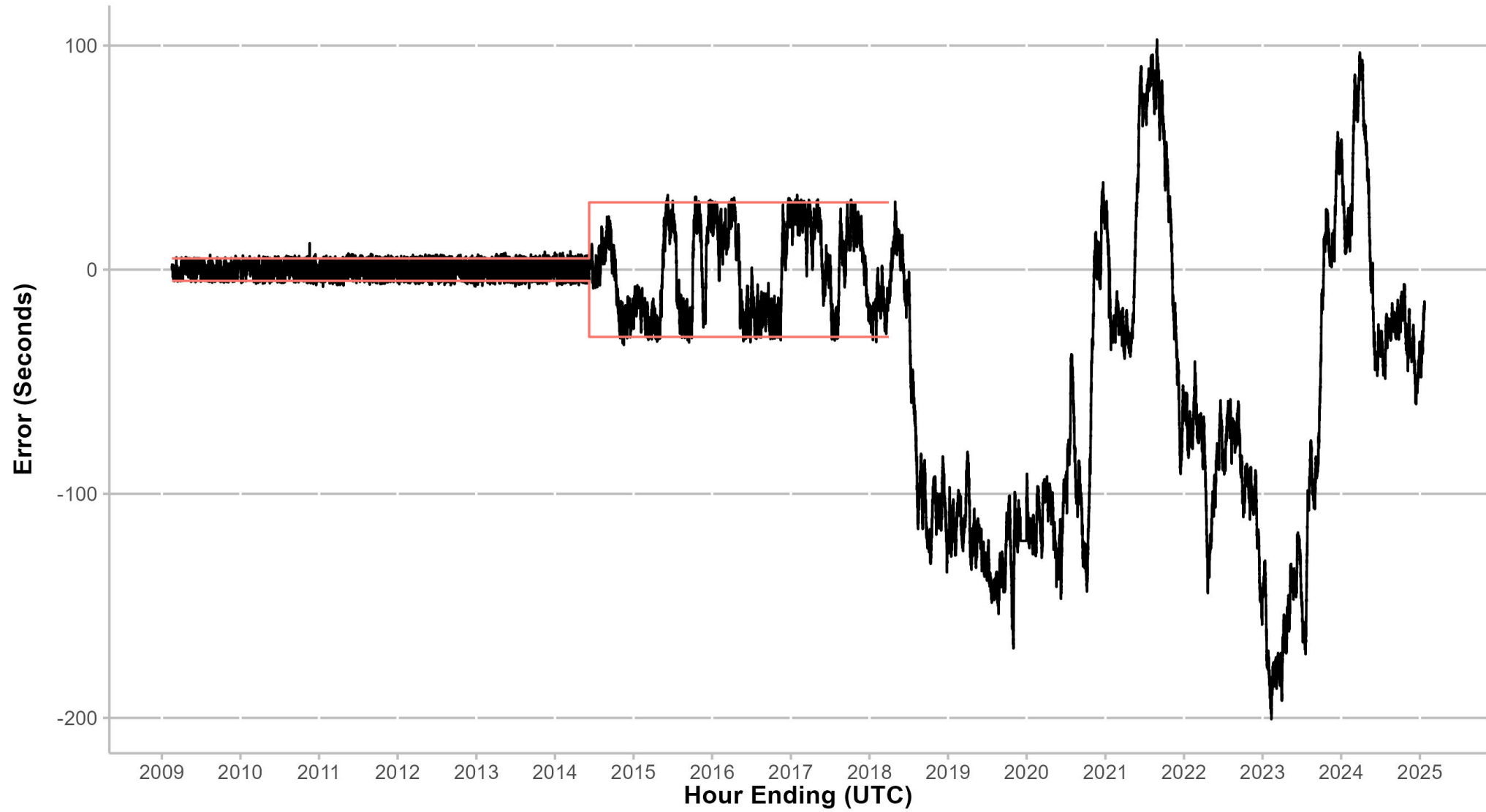
# Interconnection PII

## Accumulated Primary Inadvertent Interchange



# Time Error

## Accumulated Time Error

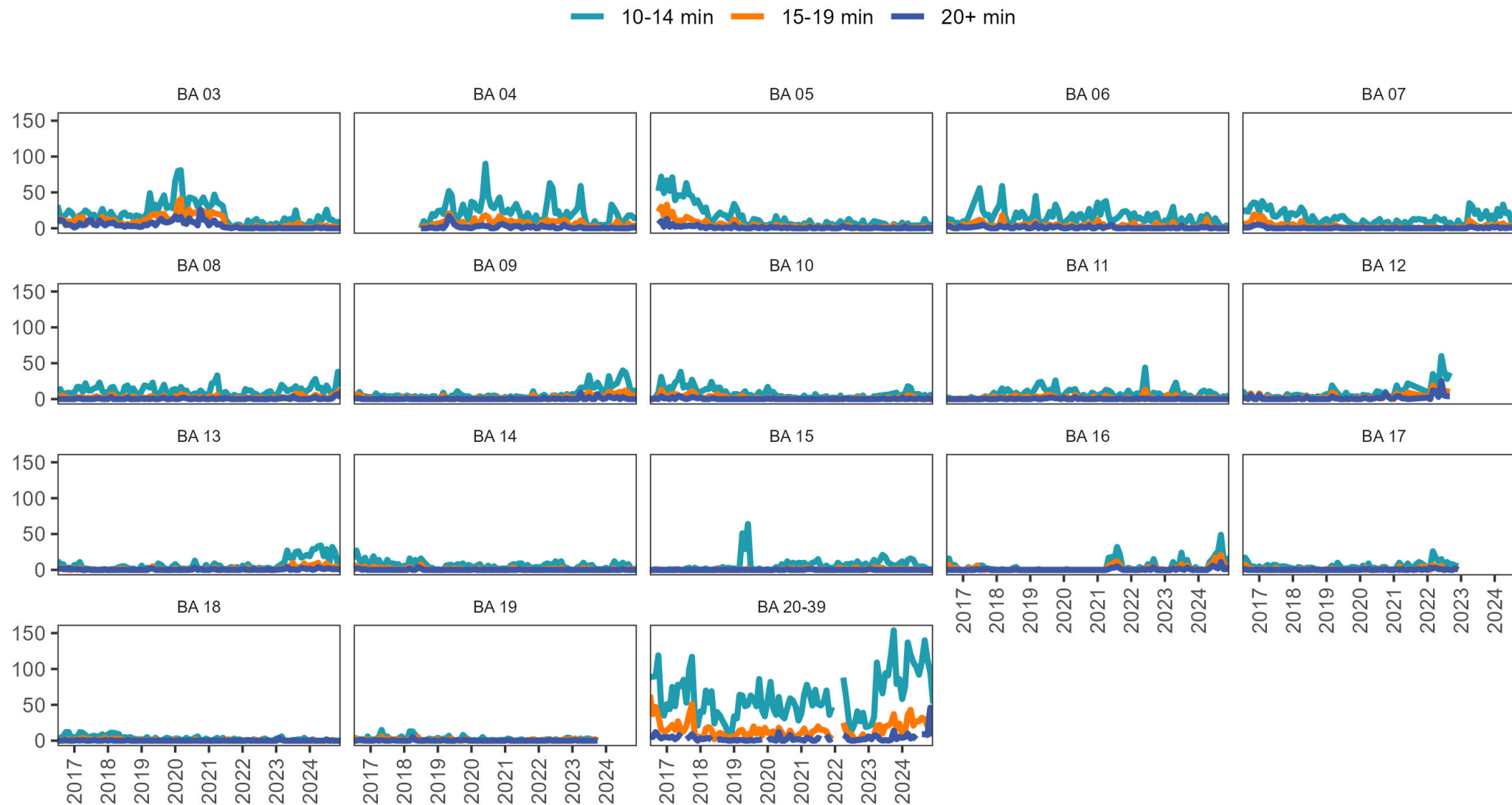


# CPS1 & BAAL

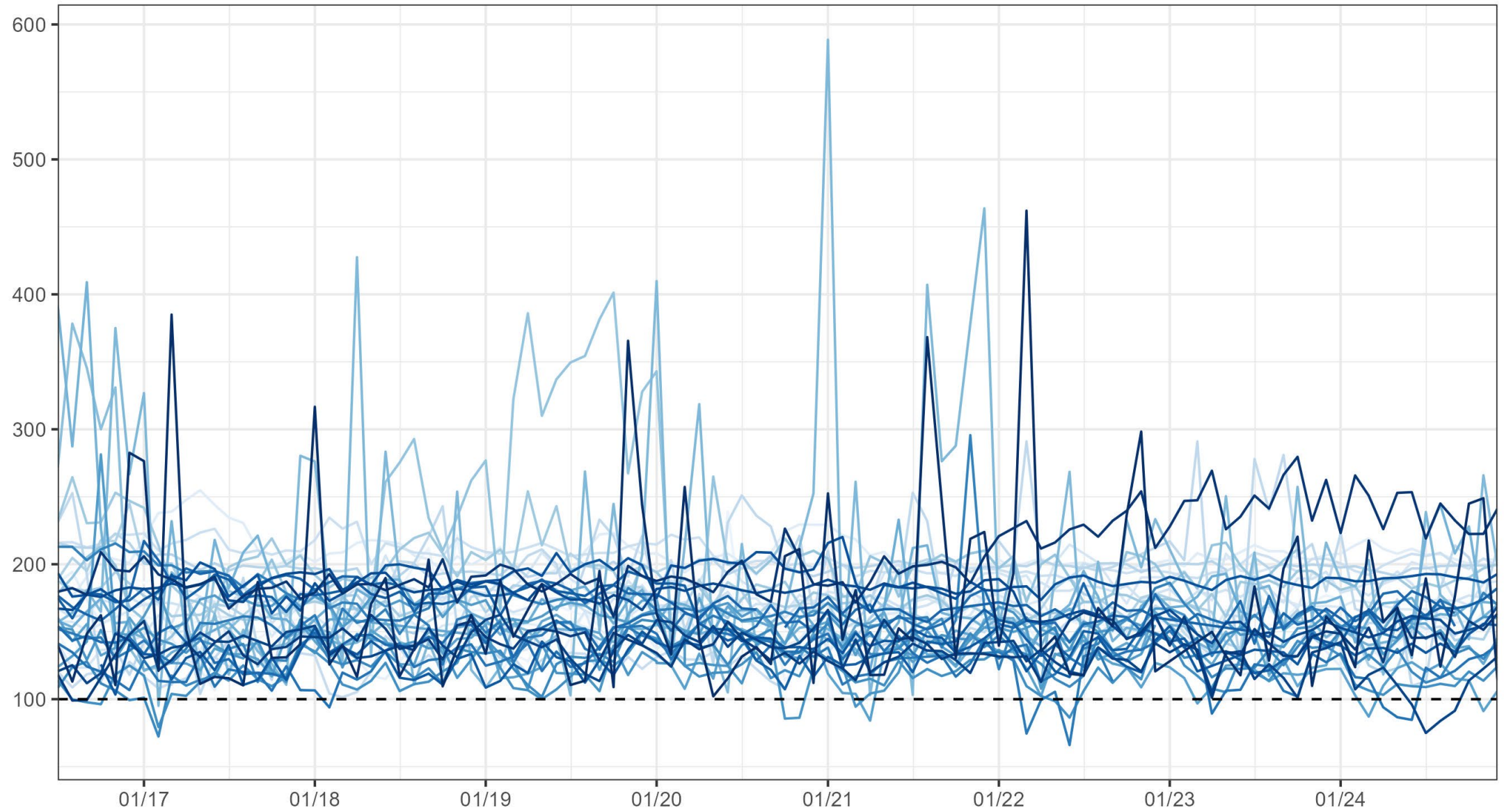
# Interconnection BAAL



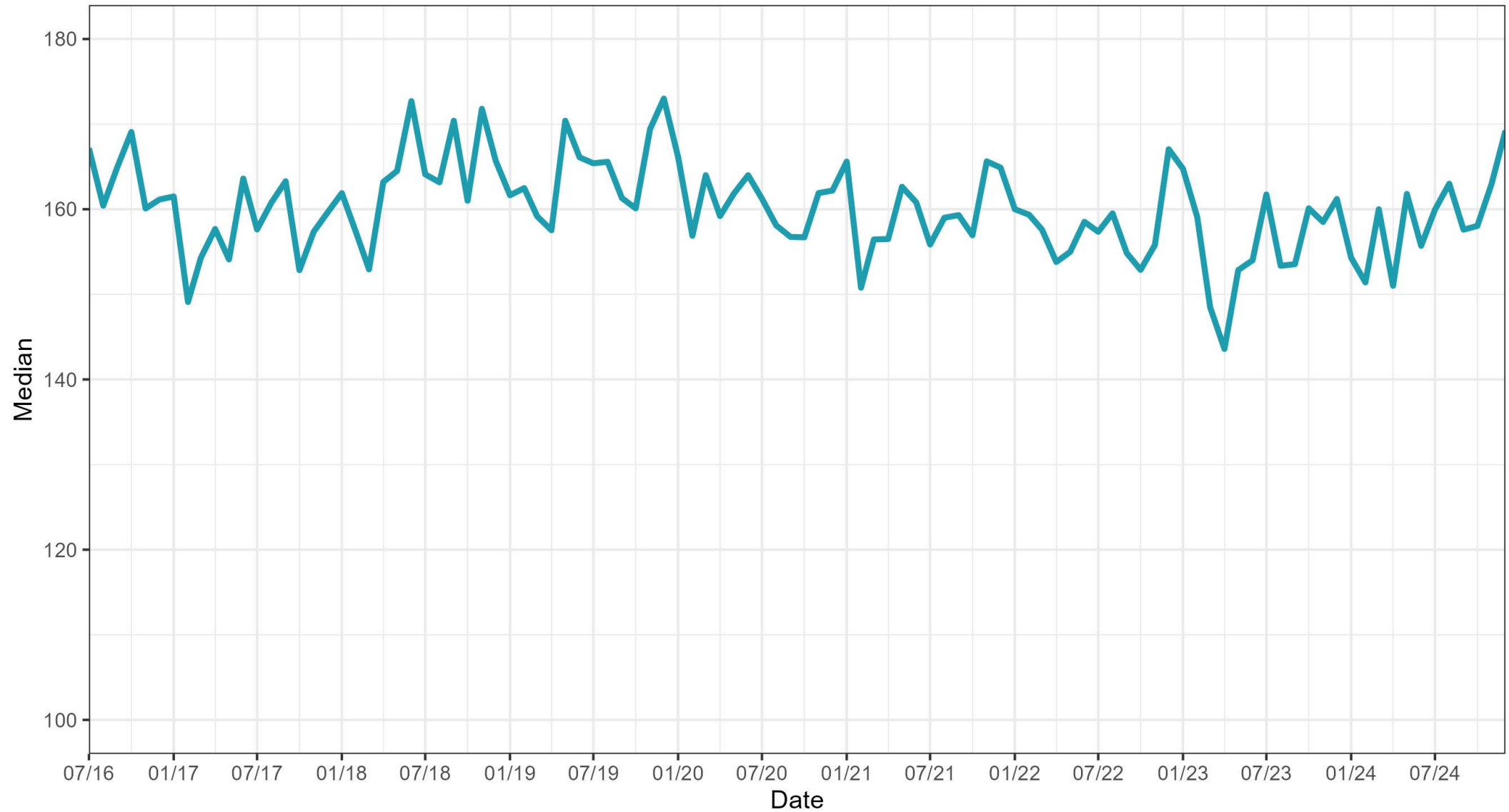
## Interconnection BAAL (Small BAs Only)



# Interconnection CPS1



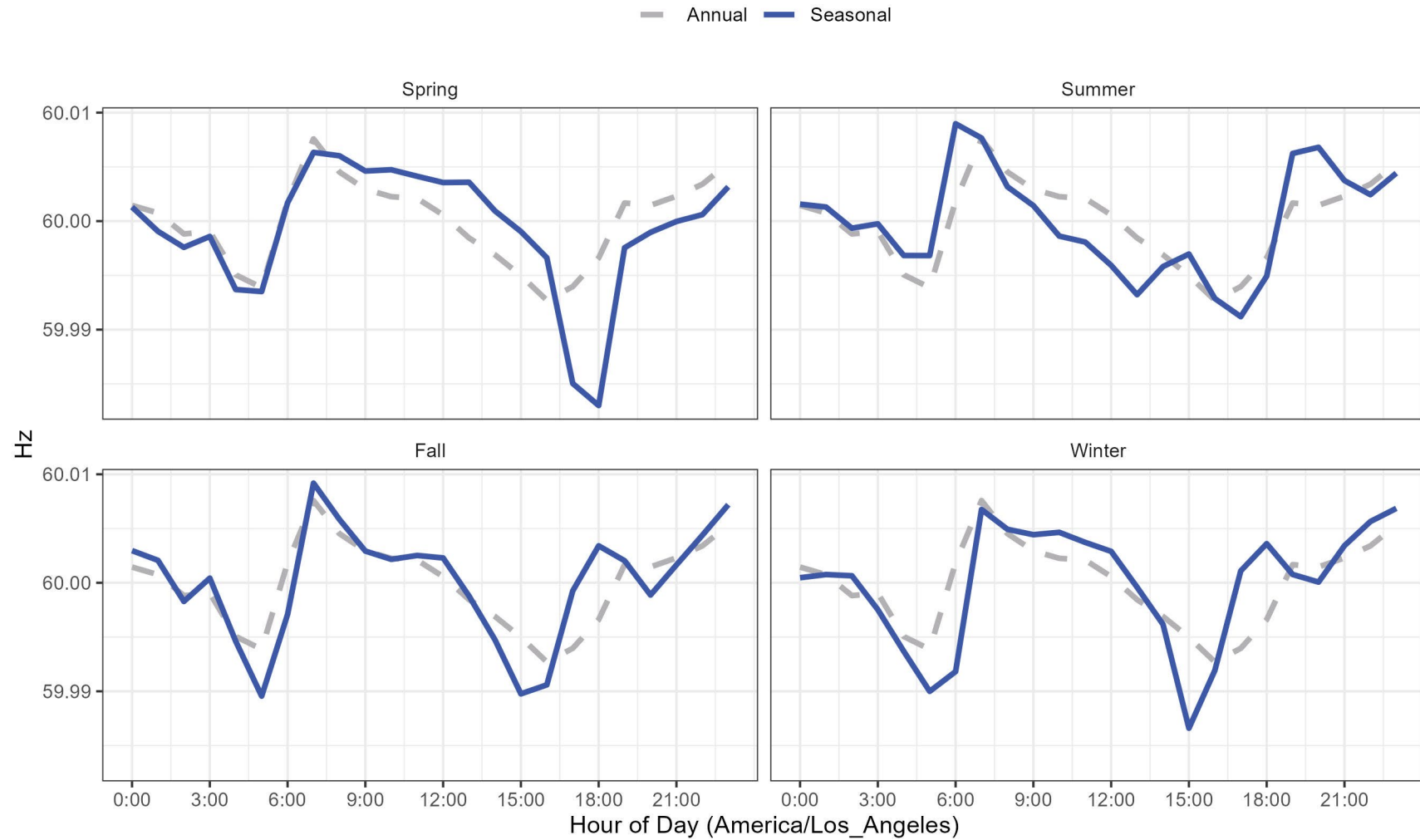
## Interconnection CPS1



# System Frequency

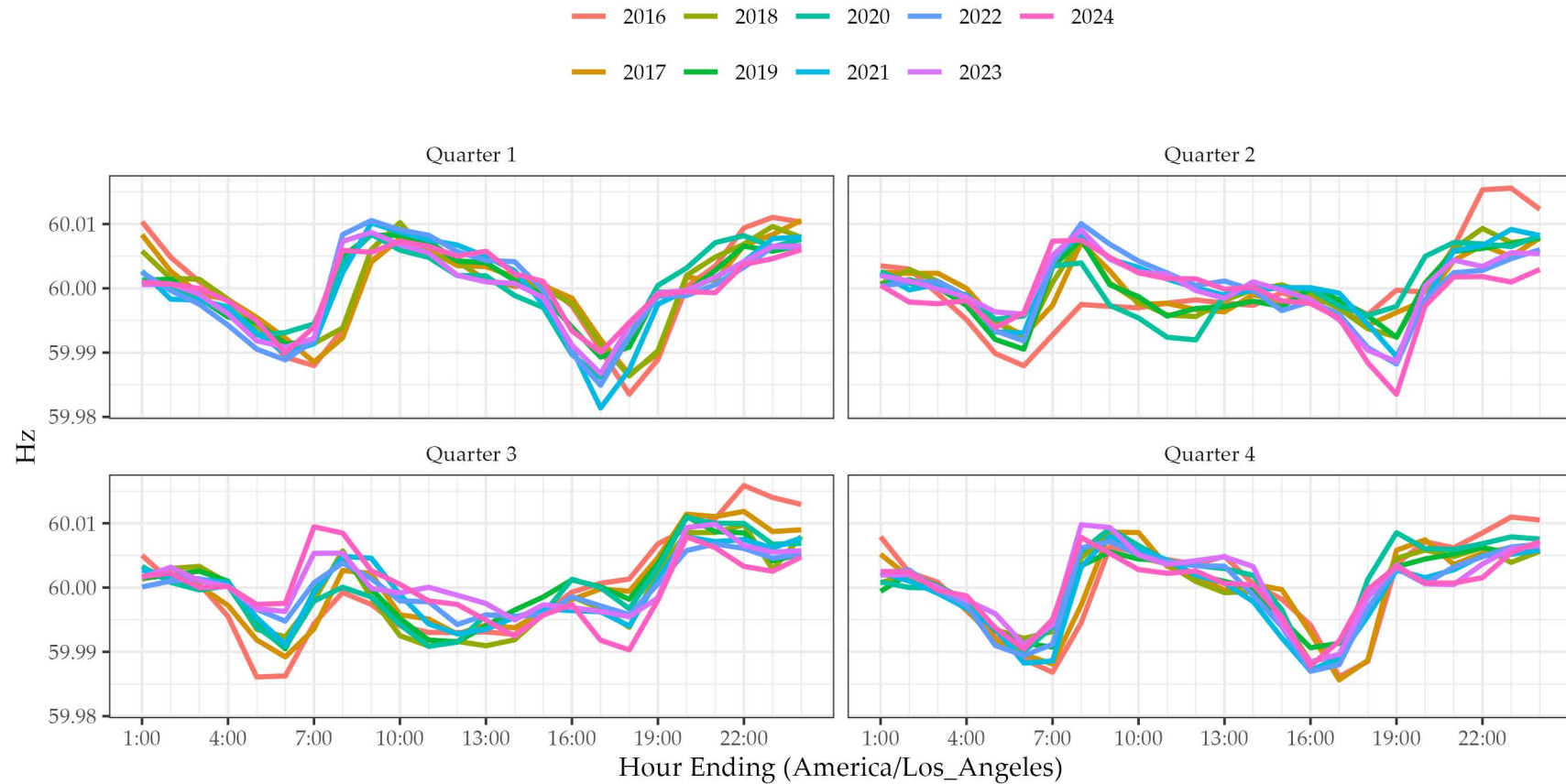
# System Frequency

Median Frequency (from 2024-01-01 to 2024-12-31)

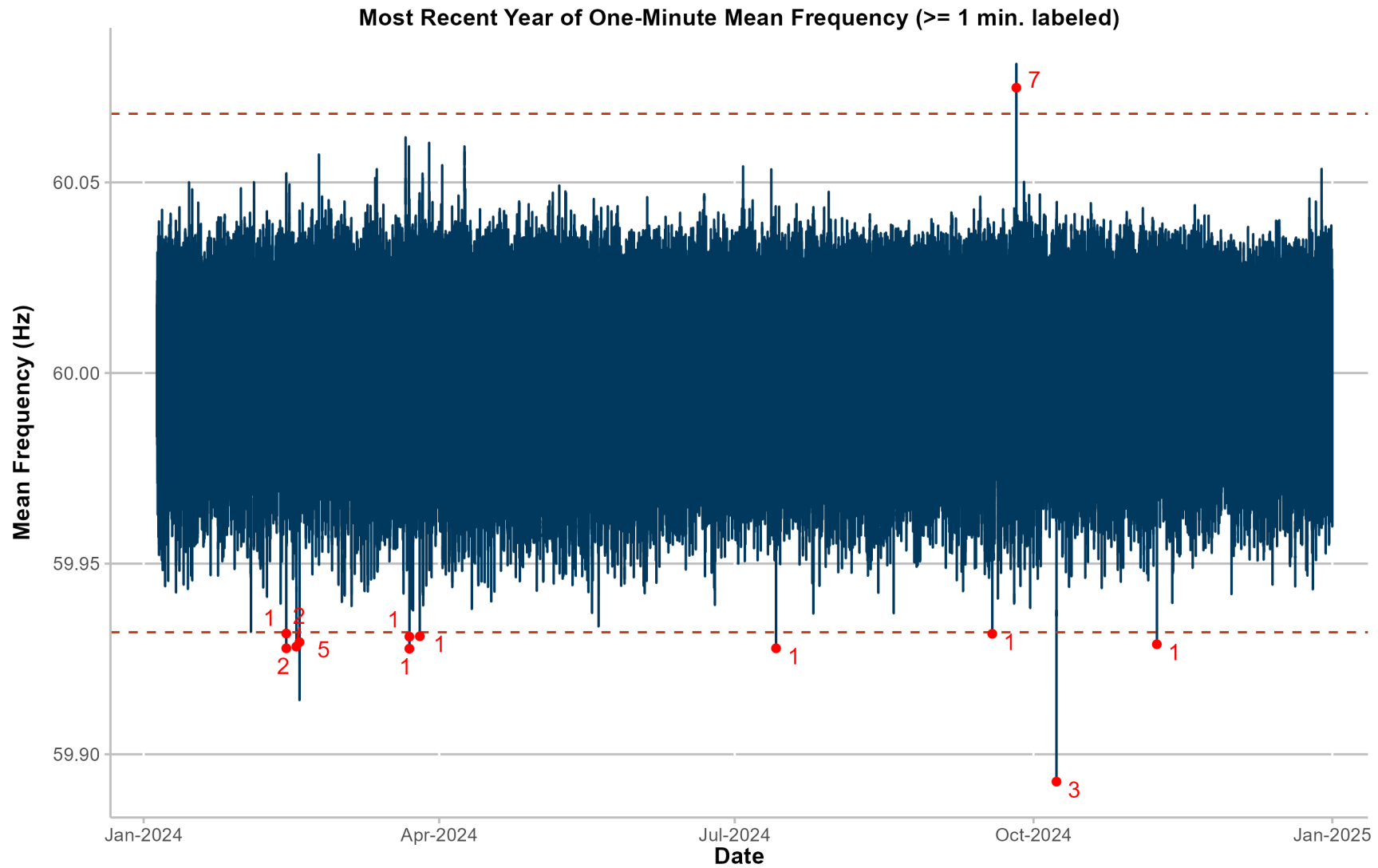


# System Frequency

## Hourly Mean System Frequency

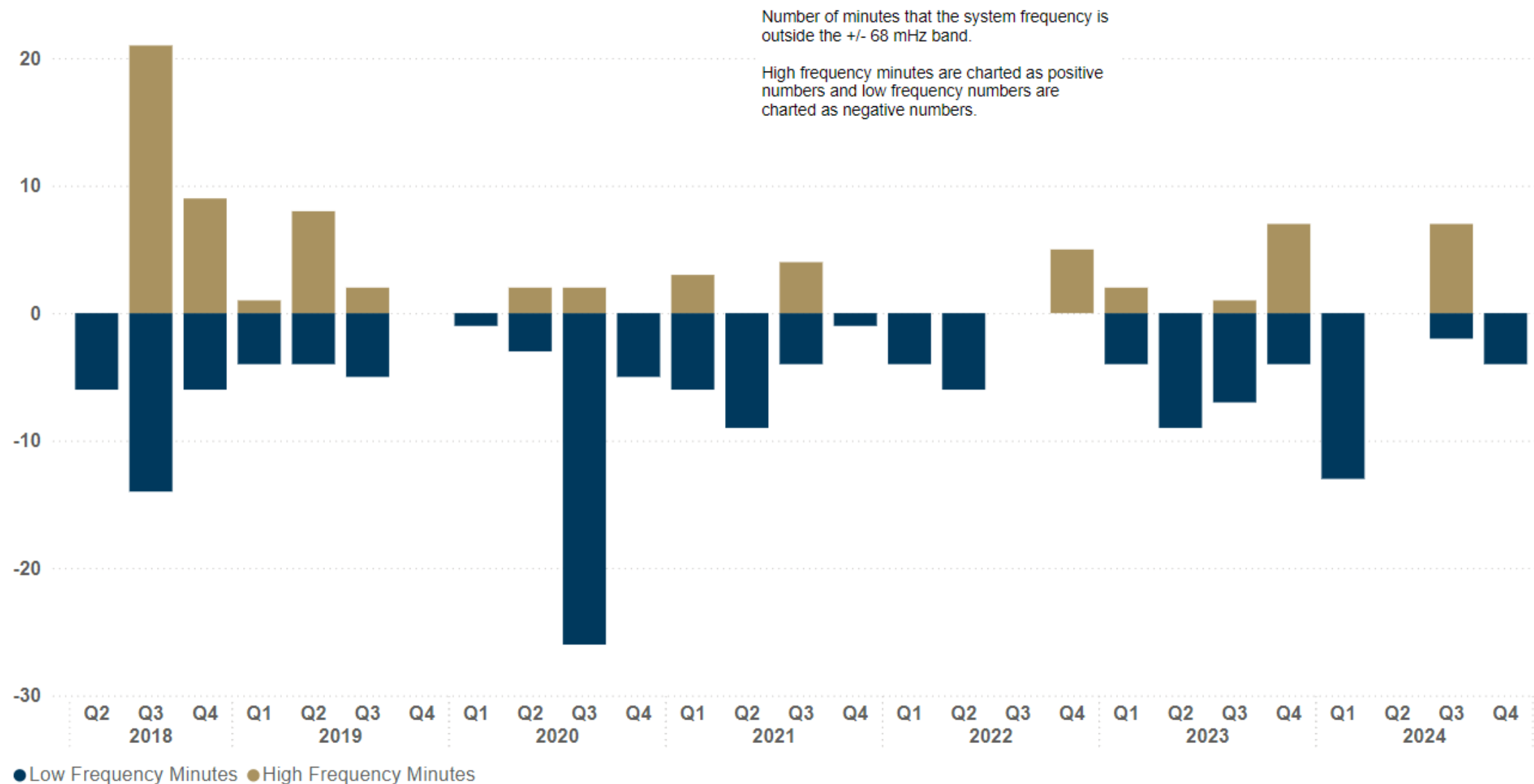


# System Frequency



## Low Frequency Minutes and High Frequency Minutes by Year and Quarter

Source: BPA (1/22/2025)



# EEA

# WI EEA 2025

- 2022 – 51 EEA

| EEA-1 | EEA-2 | EEA-3 |
|-------|-------|-------|
| 24    | 12    | 15    |

- 2023 – 26 EEA

| EEA-1 | EEA-2 | EEA-3 |
|-------|-------|-------|
| 14    | 3     | 9     |

- 2024 – 32 EEA

| EEA-1 | EEA-2 | EEA-3 |
|-------|-------|-------|
| 12    | 1     | 19    |

- 2025 – 0 EEA

| EEA-1 | EEA-2 | EEA-3 |
|-------|-------|-------|
| 0     | 0     | 0     |



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