

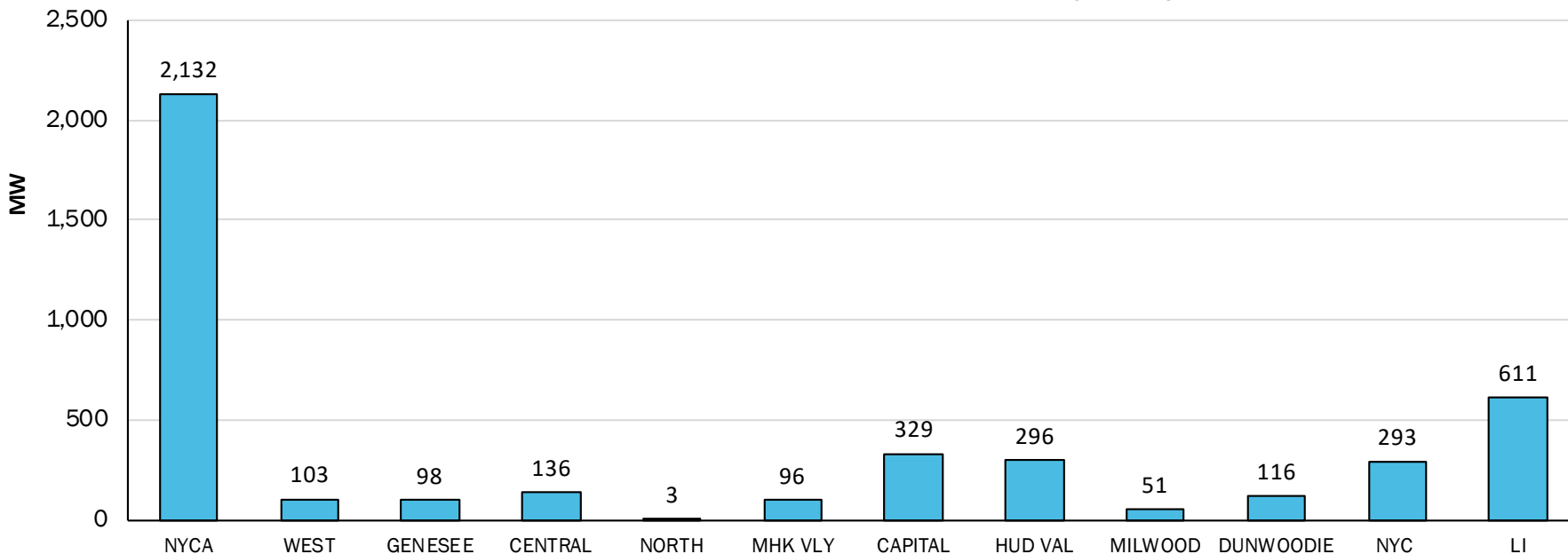
Behind the Meter (BTM) Solar 2020

BTM Solar Data Monitoring

- The NYISO's Solar/PV monitoring vendor automatically tracks the real-time power output of a sampling of solar production sites across NY
- The sampled sites are geographically distributed substantially the same as the total BTM facilities in the state
 - There are approximately 9,234 individual solar production sites across NY representing over 100 MWs.
- BTM solar production, at the zonal level, is calculated by scaling up the vendor's readings to the estimated BTM solar installed capacity
- At the end of 2020, BTM Solar Capacity was estimated to be 2,132 MWs

Zonal BTM Solar Capacity

Estimated 2020 EOY BTM Solar Capacity

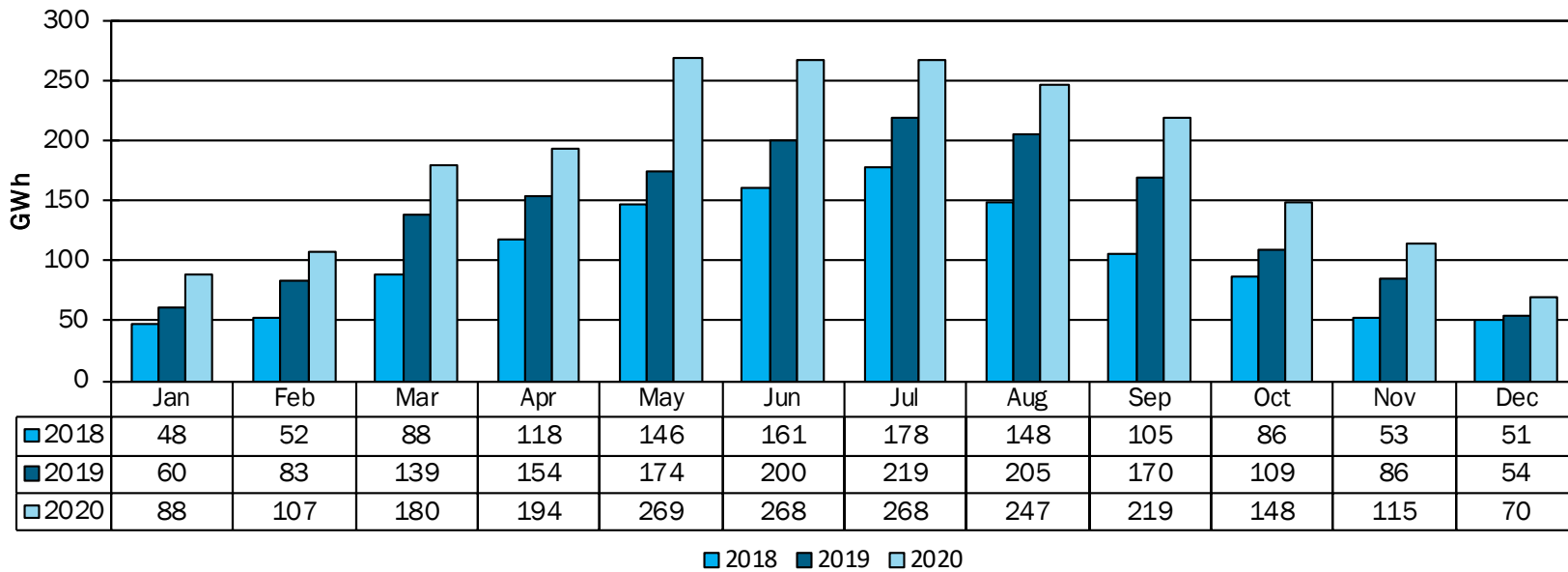


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NY BTM Solar Generation

| Total Annual BTM Solar Production (GWh) | | |
|---|-------|-------|
| 2018 | 2019 | 2020 |
| 1,234 | 1,652 | 2,172 |

NYCA BTM Solar - Estimated Monthly Production

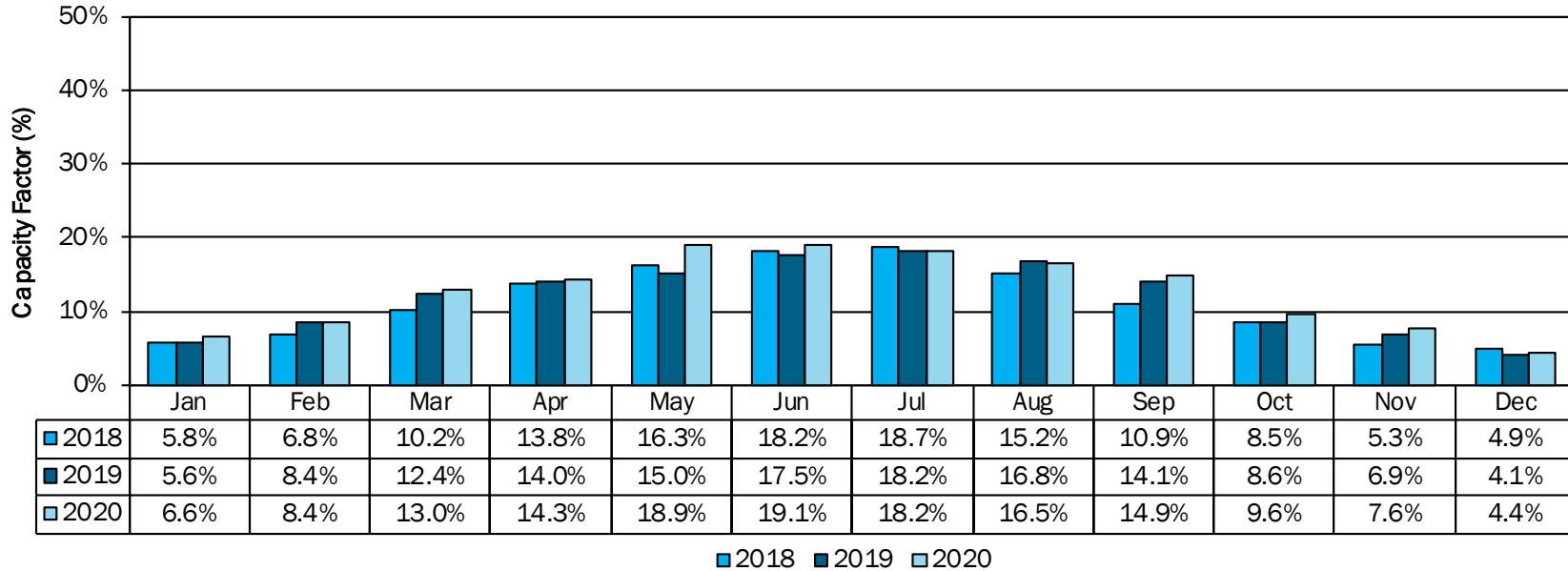


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NY BTM Solar Capacity Factors

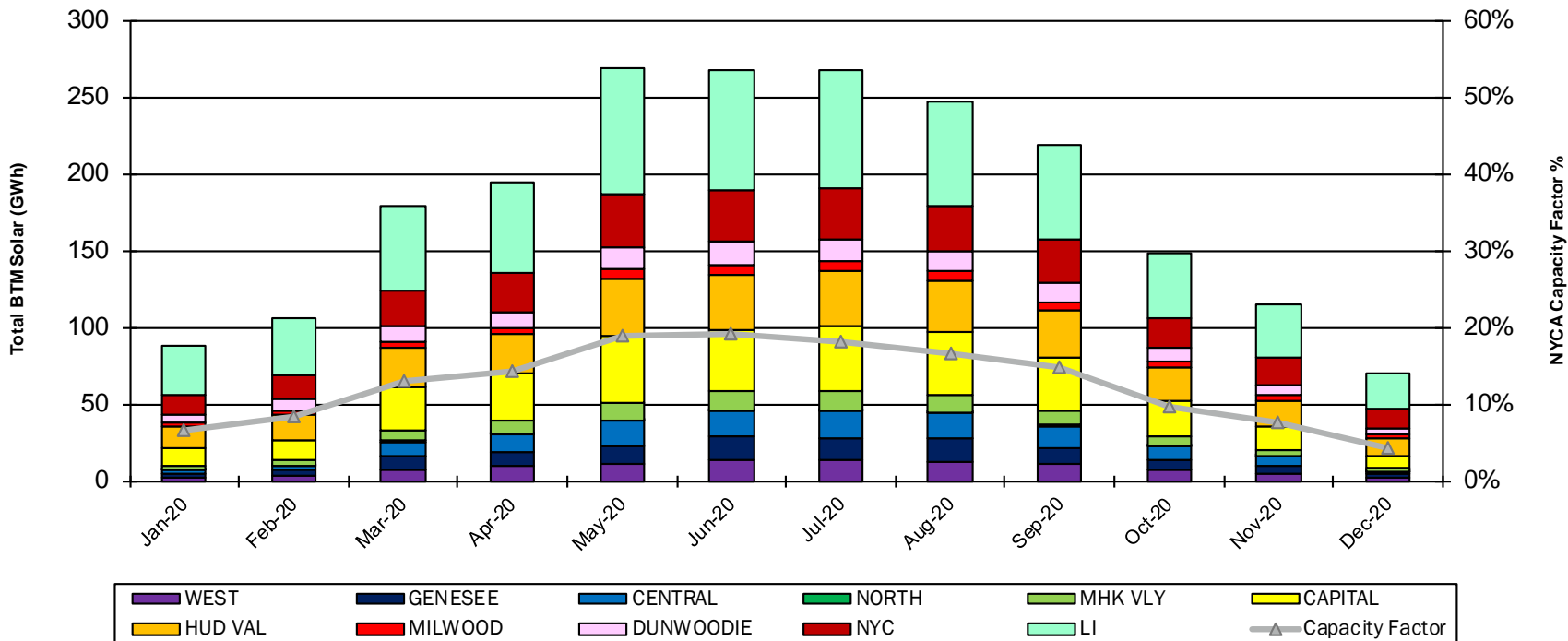
| Annual BTM Solar Capacity Factor | | |
|----------------------------------|------|------|
| 2018 | 2019 | 2020 |
| 11% | 12% | 13% |

NYCA BTM Solar Generation - Estimated Capacity Factor



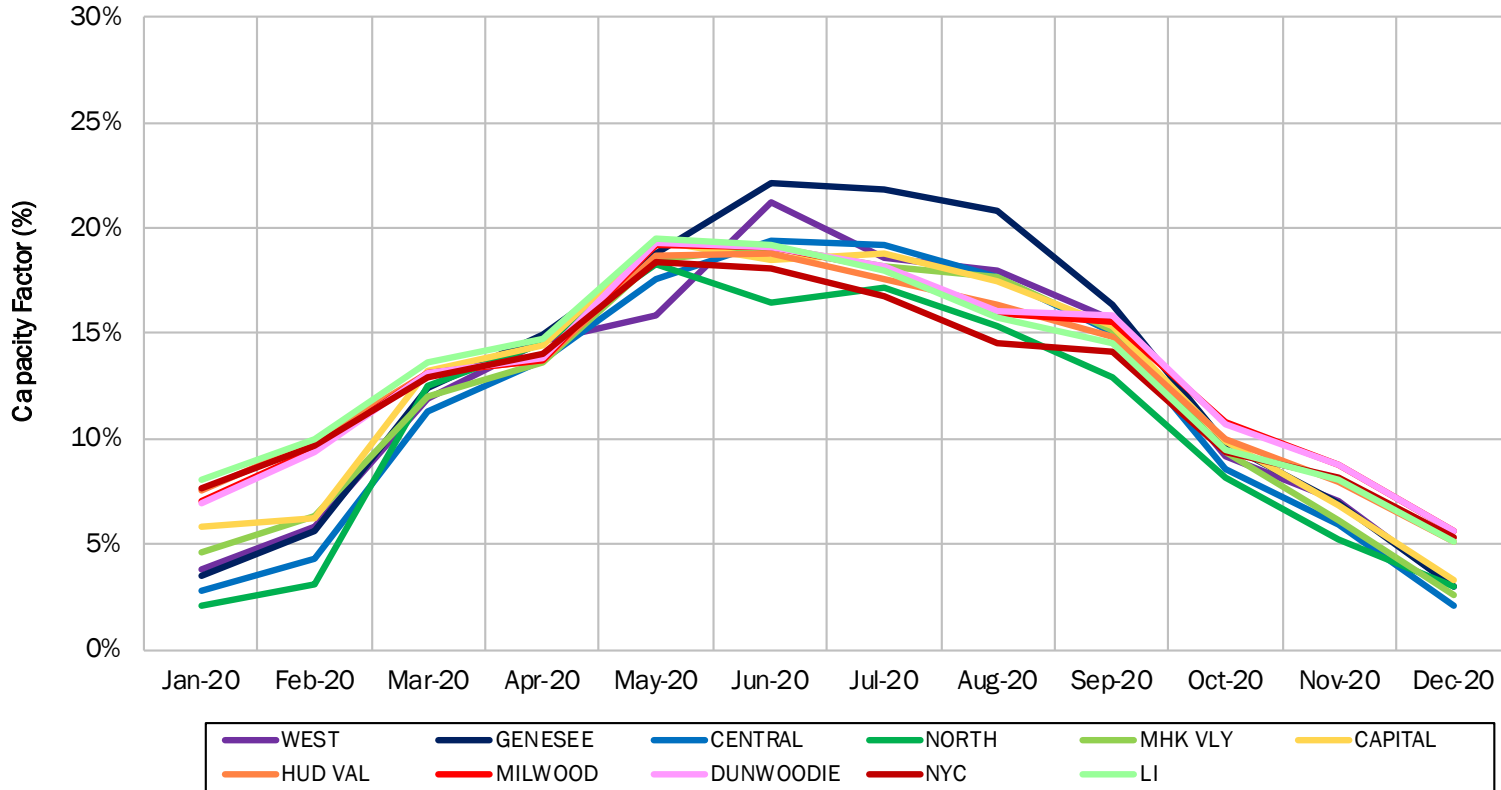
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Monthly BTM Solar Production by Zone



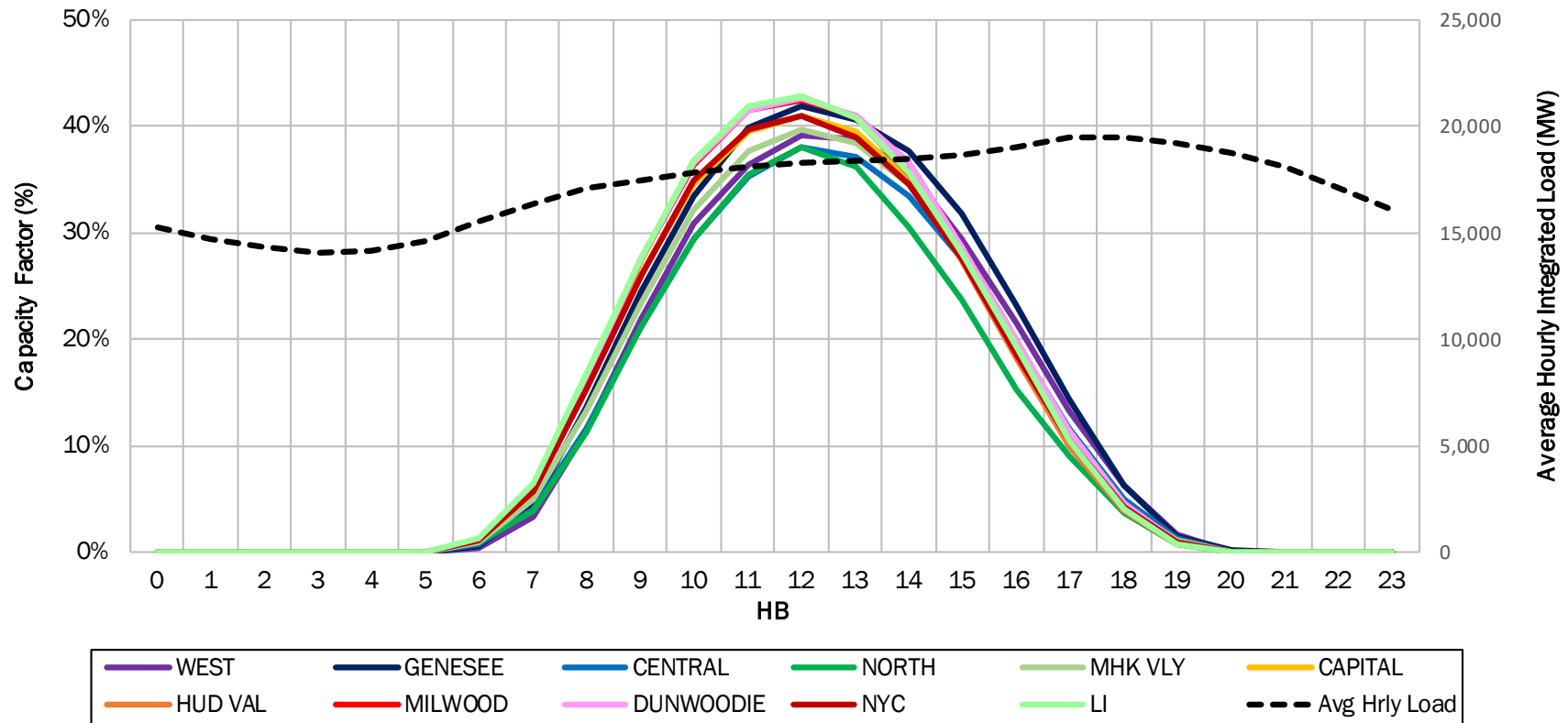
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Monthly BTM Solar Capacity Factors by Zone



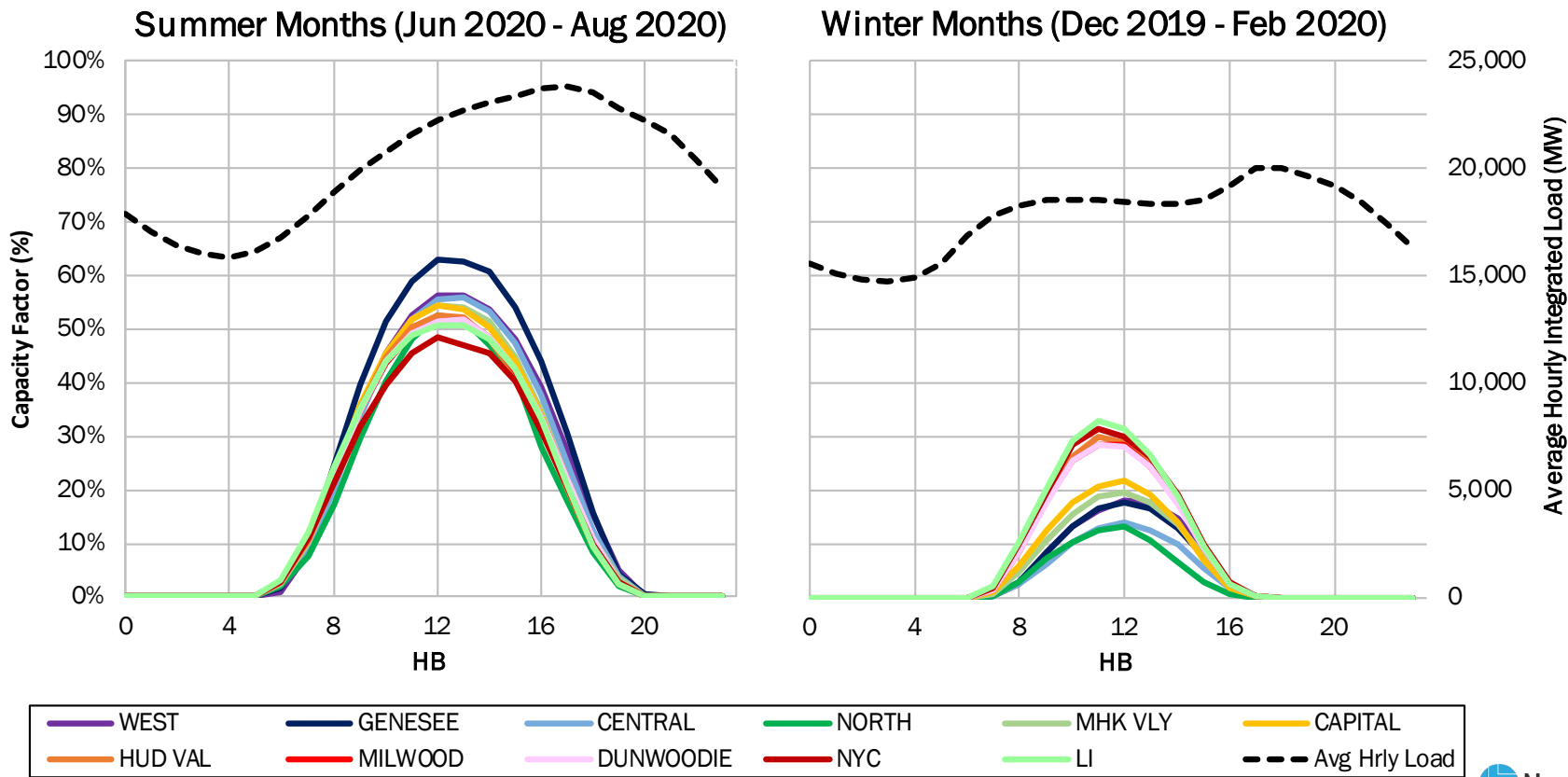
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2020 Average Hourly BTM Solar Capacity Factors by Zone



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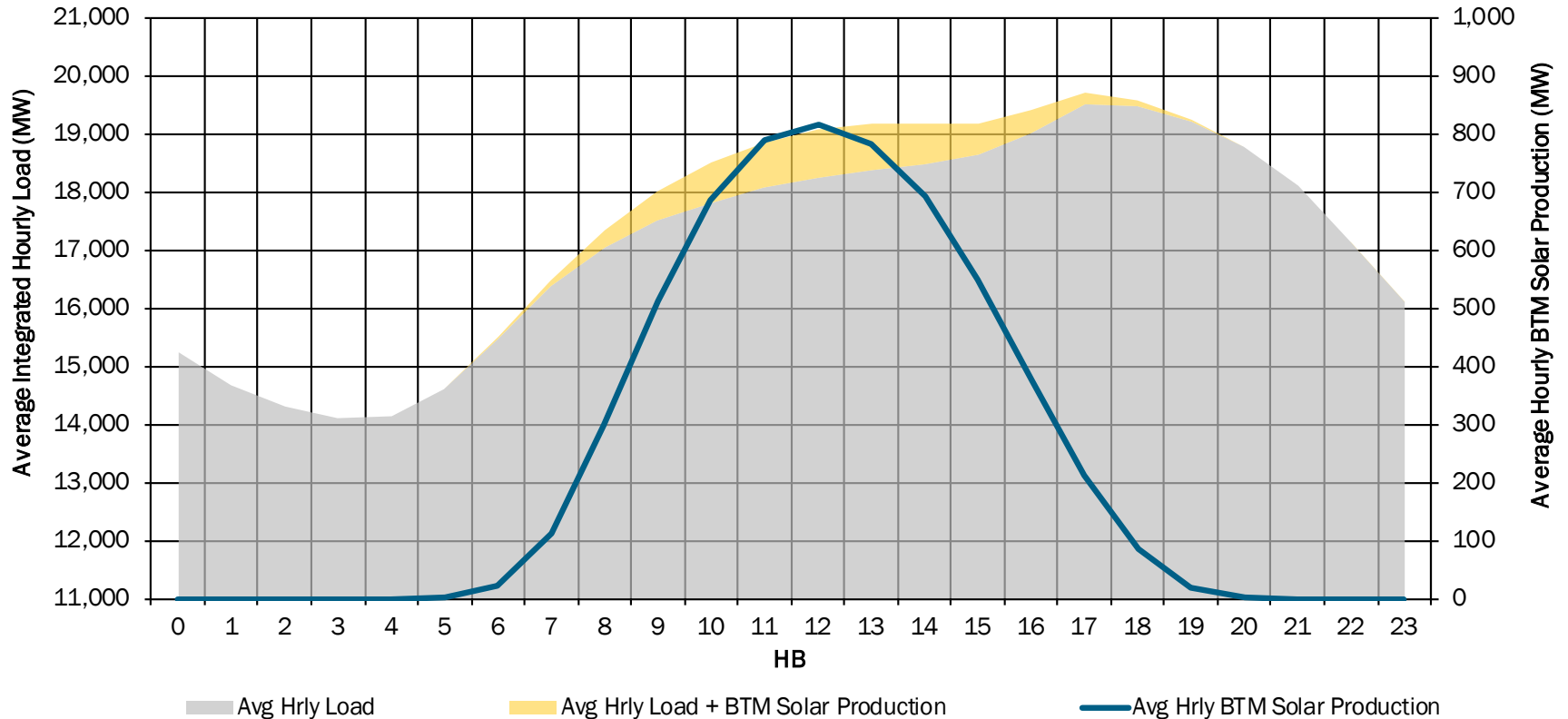
2020 Seasonal Average Hourly BTM Solar Capacity Factors by Zone



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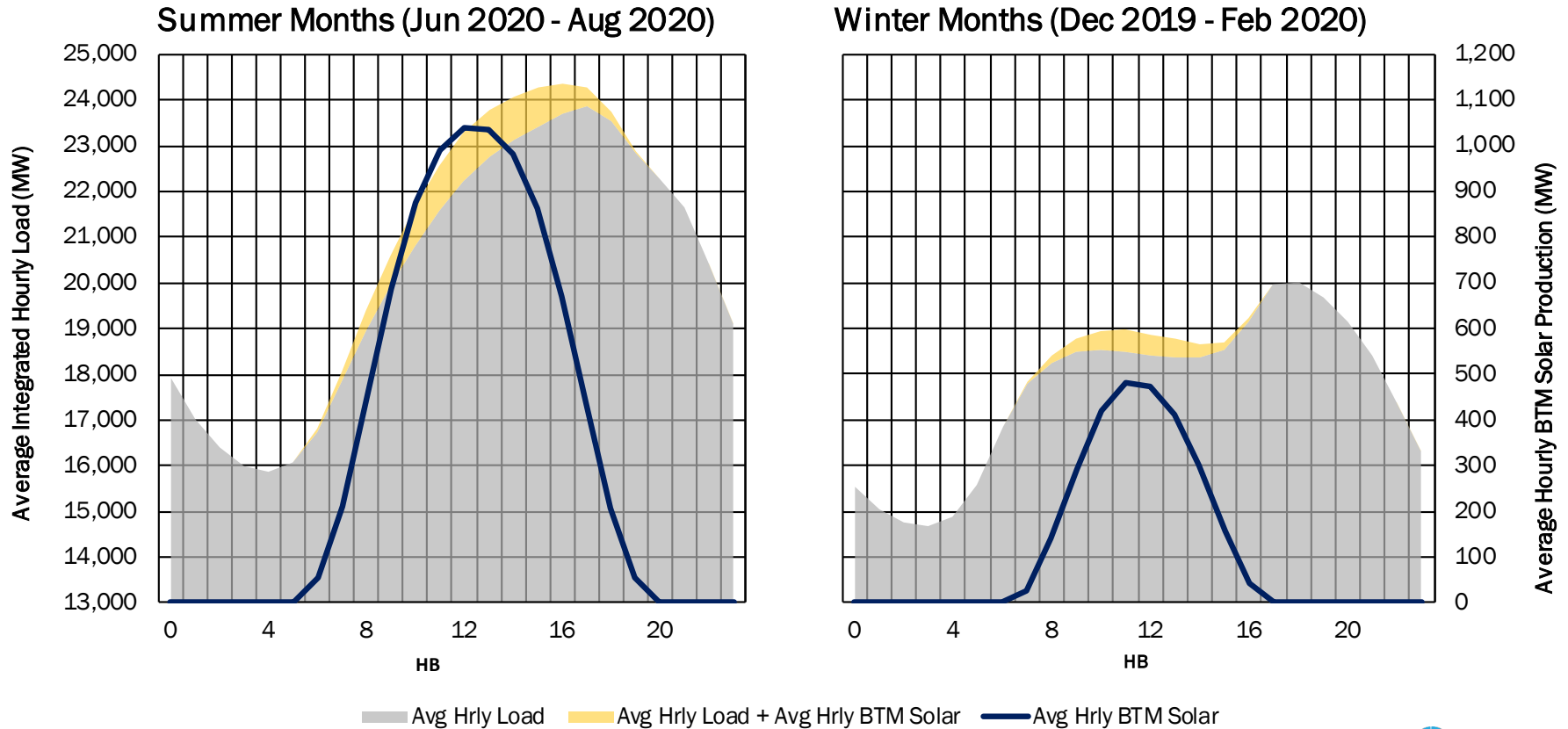


2020 Average Hourly Load with BTM Solar Production



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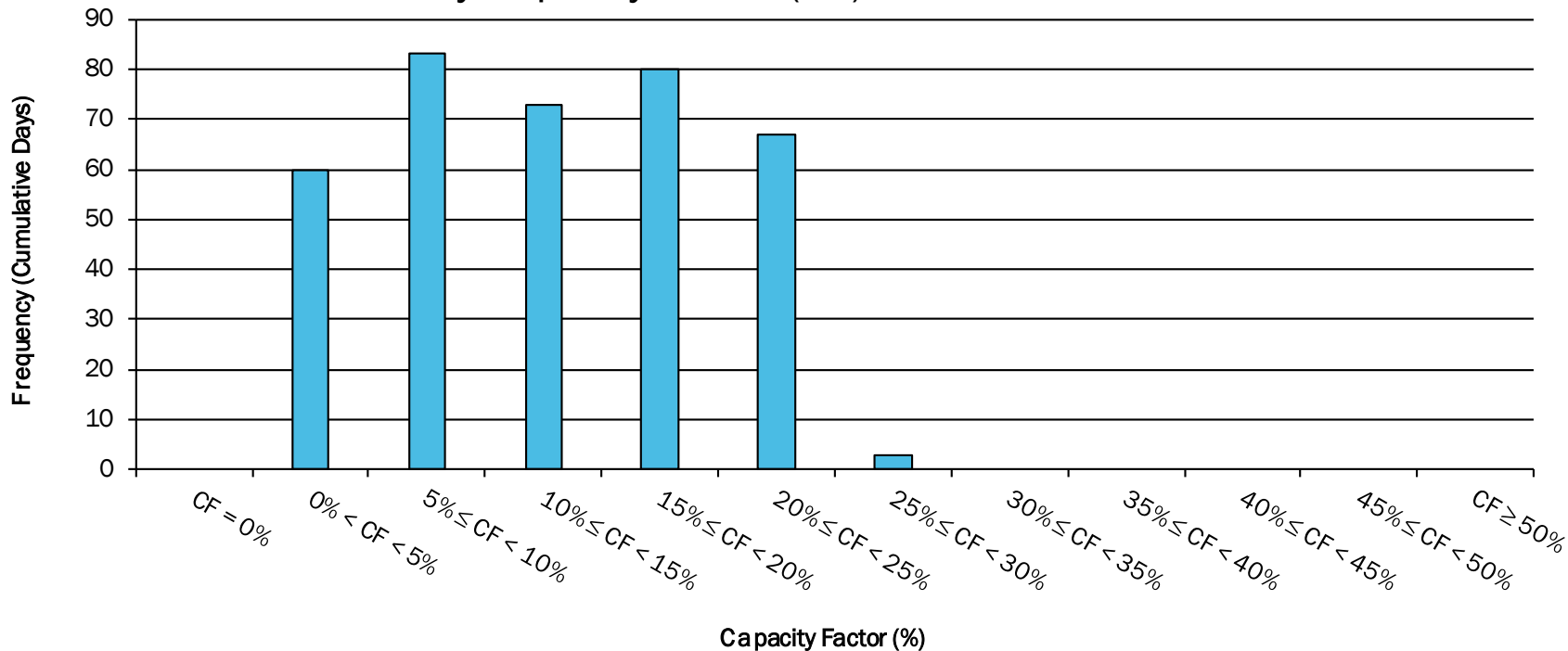
2020 Seasonal Average Hourly Load with BTM Solar Production



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Solar Capacity Factor Distribution

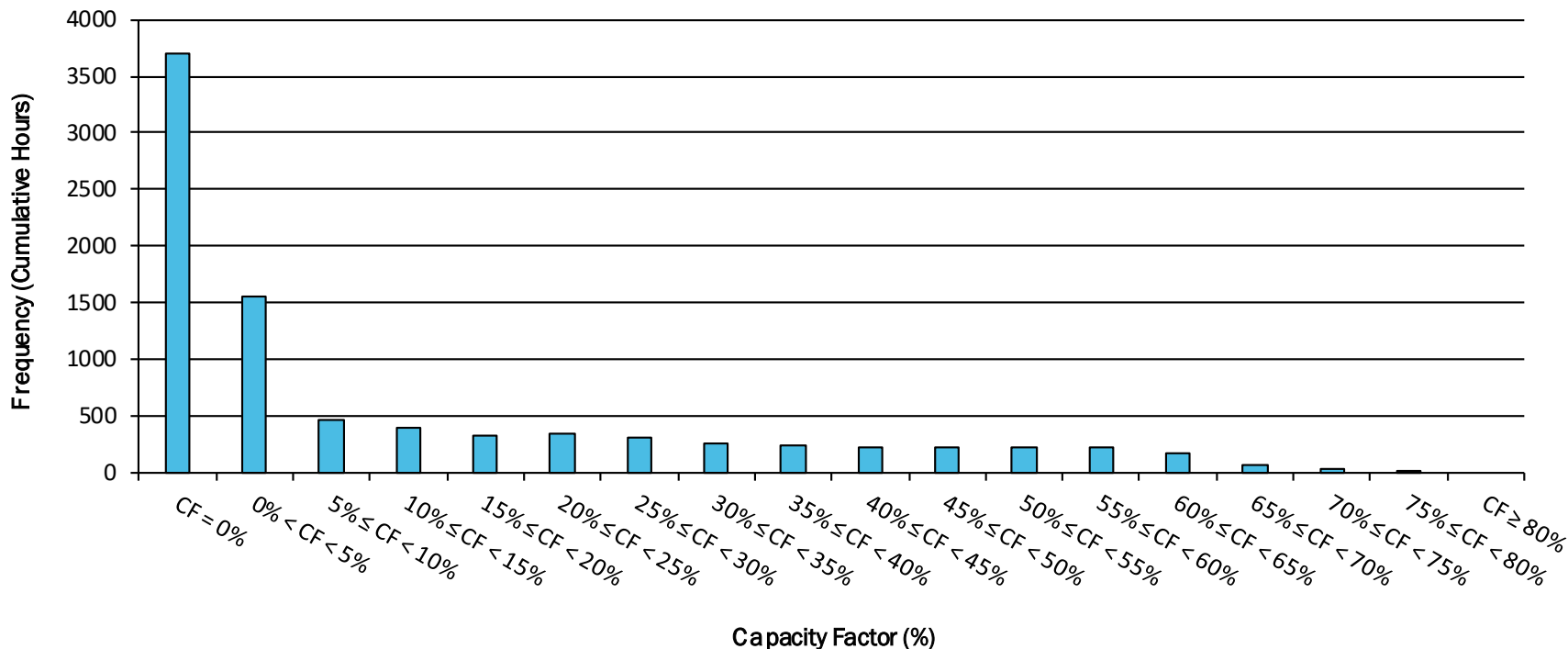
Daily Capacity Factor (CF) Distribution for 2020



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Solar Capacity Factor Distribution

Hourly Capacity Factor (CF) Distribution for 2020



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