



# DR Availability Window: Additional DR ELCC Information

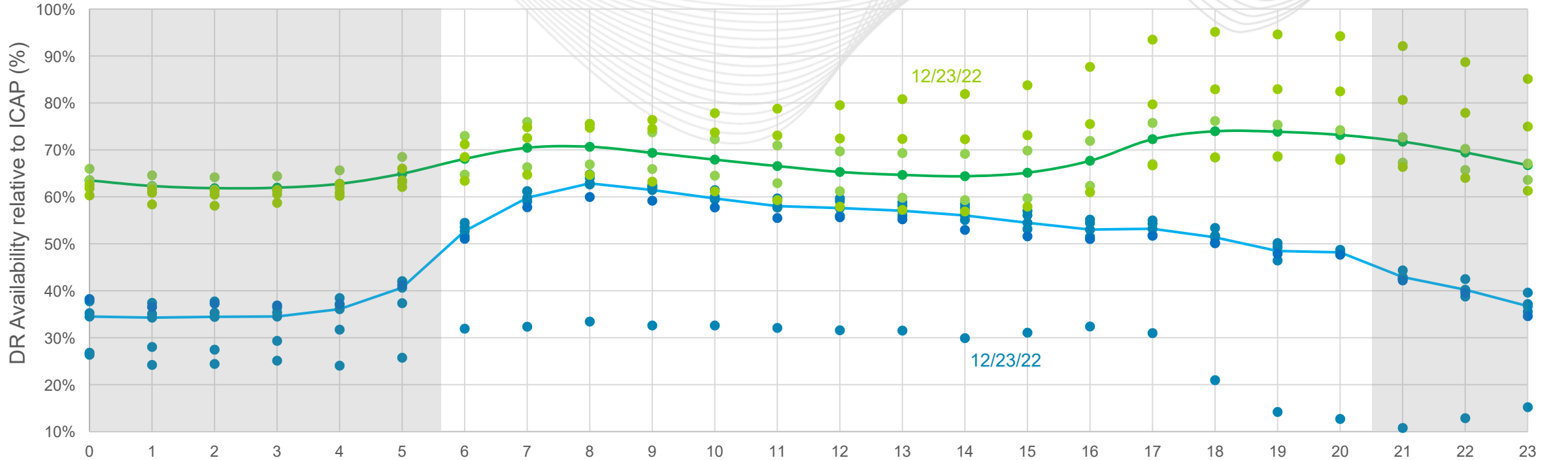
MIC

August 7, 2024

- Initial DR ELCC education was provided by PJM at the June 5 MIC meeting:
  - [20240605-item-10---dr-elcc-education.ashx](https://www.pjm.com/commitments-and-contracts/energy/2024/06/05-item-10---dr-elcc-education.ashx)
- The following slides provide additional information that compares the hourly reduction capability of DR used in the ELCC analysis (scaled proportional to system load) with the aggregate reduction capability of DR based on the meter readings submitted to support Winter Peak Load (WPL) values for the 2023/24 and 2024/25 Delivery Years
  - Hourly DR availability used in the ELCC analysis for each historical weather year and rotation is based on the hourly load to peak load ratios provided on the ELCC webpage: [hourly-load-scenarios](#)
  - Meter readings provided for the 5 winter “DY-2” CP days for the 23/24 and 24/25 Delivery Years:
    - **Winter DY-2 CP Days for the 2023/24 DY:** 1/11/22, 1/21/22, 1/26/22, 1/27/22, 2/15/22
    - **Winter DY-2 CP Days for the 2024/25 DY:** 12/19/22, 12/20/22, 12/21/22, 12/23/22, 2/3/23



# Aggregate Hourly DR / ELCC Data: 2024/25 Delivery Year

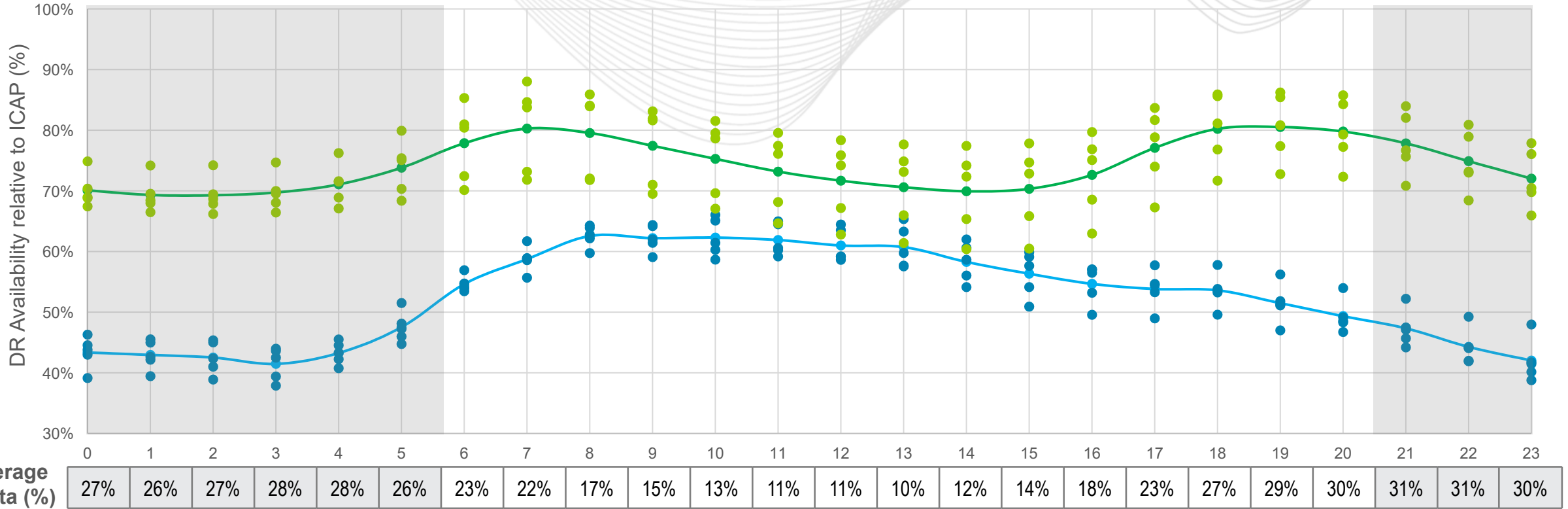


| Average Delta (%) | 0   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                   | 29% | 28% | 27% | 27% | 27% | 24% | 15% | 11% | 8% | 8% | 8% | 9% | 8% | 8% | 8% | 11% | 15% | 19% | 23% | 25% | 25% | 29% | 29% | 30% |

|     |  |
|-----|--|
| ●   | <b>Aggregate Metered DR reduction capability as a percentage of ICAP</b> based on aggregate meter readings during each of the 5 winter DY-2 CP days supporting 2024/25 WPL values minus the aggregate winter FSLs of such locations, adjusted up by the average EDC loss factor, divided by ICAP |
| —●— | <b>Average Metered DR reduction capability</b> of the winter DY-2 CP days with meter readings (excludes 12/23/22)  |
| ●   | <b>Aggregate ELCC DR reduction capability (ICAP %)</b> based on hourly load to forecasted peak load ratio for the 5 DY-2 CP days for all hours   |
| —●— | <b>Average ELCC DR reduction capability</b> of the winter DY-2 CP days (excludes 12/23/22)   |



# Aggregate Hourly DR / ELCC Data: 2023/24 Delivery Year



|     |  |
|-----|--|
| ●   | <b>Aggregate Metered DR reduction capability as a percentage of ICAP</b> based on aggregate meter readings during each of the 5 winter DY-2 CP days supporting 2023/24 WPL values minus the aggregate winter FSLs of such locations, adjusted up by the average EDC loss factor, divided by ICAP |
| —●— | <b>Average Metered DR reduction capability</b> of the 5 winter DY-2 CP days with meter readings  |
| ●   | <b>Aggregate ELCC DR reduction capability (ICAP %)</b> based on hourly load to forecasted peak load ratio for the 5 DY-2 CP days for all hours   |
| —●— | <b>Average ELCC DR reduction capability</b> of the 5 winter DY-2 CP days   |

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