

Capacity Interconnection Rights

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Seasonal Capacity Resources Senior Task
Force

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- Capacity Interconnection Rights (CIRs):
 - The rights to input generation as a Generation Capacity Resource into the Transmission System at the Point of Interconnection where the generating facilities connect to the Transmission System
- Maximum Facility Output (MFO):
 - The maximum (not nominal) net electrical power output in megawatts, specified in the Interconnection Service Agreement, after supply of any parasitic or host facility loads, that a Generation Interconnection Customer's Customer Facility is expected to produce, provided that the specified Maximum Facility Output shall not exceed the output of the proposed Customer Facility that Transmission Provider utilized in the System Impact Study.

- Synchronous generation
 - May request any value of CIRs up to the Maximum Facility Output
- Intermittent Resources
 - Wind: May request up to 13% without demonstration of additional capabilities at the site. Customer may supply additional information for PJM evaluation which can be evaluated for additional capability but may not exceed the MFO
 - Solar: May request up to 38% without demonstration of additional capabilities at the site. Customer may supply additional information for PJM evaluation which can be evaluated for additional capability but may not exceed the MFO

- Operational standards - must test the facility to provide the capability of CIRs granted in Interconnection Services Agreement (ISA)
 - Tests reviewed across a three year period
 - If fewer than three years of operational data are available for comparison, due to facility coming into service following construction, then use rights granted in the ISA as placeholder for the first 2 years

- Summer Period : June 1 – August 31
- Winter Period: December 1 – February 28 (29)
- Operational data submitted if available
- Non-intermittent:
 - Two (2) hour average for nuclear, fossil steam and combined-cycle units
 - One (1) hour for hydro, pumped storage, simple cycle combustion turbine, and diesel units (Hydro units only submit summer)
 - Ambient temperature/humidity/water temperature correction (as required)
- Intermittent: Calculation for summer period only
 - based on sum of hours ending 3-6 (four hour block) for an annual value