

# Capacity Interconnection Rights (CIRs) for Hybrid Resources: Status Quo

Jerry Bell, Sr. Lead Engineer,  
Resource Adequacy Planning

DER and Inverter-based Resources  
Subcommittee  
August 3, 2020

- DC coupled hybrids that cannot charge from the grid do not receive any greater CIRs than the solar portion of the hybrid, if the solar portion was stand alone.
  - Assumes shared inverters
  - Recognizes the storage portion of the hybrid cannot be independently charged; it must rely on the solar portion of the hybrid for its charge
  - Assumes that the storage portion of the hybrid is used to firm up the capacity from the solar portion of the hybrid for the purposes of Capacity Performance

- AC coupled hybrids that charge from the grid receive the sum of the CIRs for the storage portion (based on the 10 hour rule) plus the appropriate CIRs for the solar portion of the hybrid
  - Assumes separate inverters for the storage and solar portions of the hybrid
  - Recognizes the storage portion of the hybrid can charge independently of the solar portion of the hybrid

Facilitator:  
Scott Baker, [scott.baker@pjm.com](mailto:scott.baker@pjm.com)

Secretary:  
Hamad Ahmed, [hamad.ahmed@pjm.com](mailto:hamad.ahmed@pjm.com)

SME/Presenter:  
Jerry Bell, [jerry.bell@pjm.com](mailto:jerry.bell@pjm.com)

## Capacity Interconnection Rights of Hybrid Resources



### Member Hotline

(610) 666 – 8980

(866) 400 – 8980

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