

FERC ORDER 2222
EDC/TO Coordination/Communication Framework for
Operational Dispatch and Override Review

PJM DIRS EDC Coordination Workshop
February 11, 2021

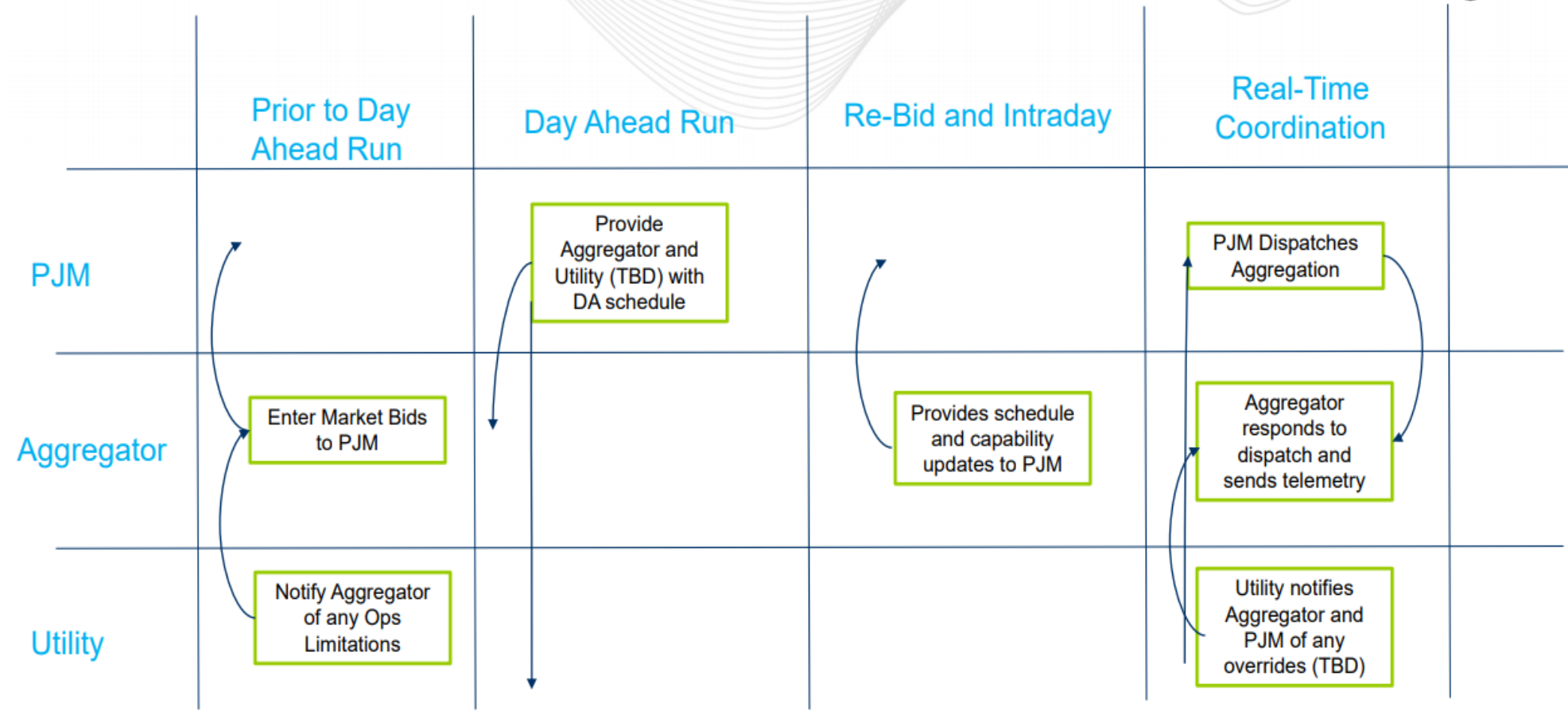
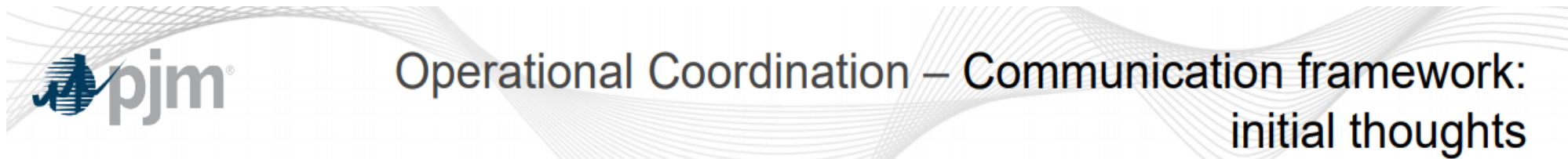
2-11-2021 - For Discussion Purposes

Electric Distribution Company Realities: Operating a Dynamic Distribution Grid

Visibility and management ability at the individual DER level is important to meet agreed regulatory requirements of providing customers with safe, secure, reliable and affordable electrical service while respecting their privacy

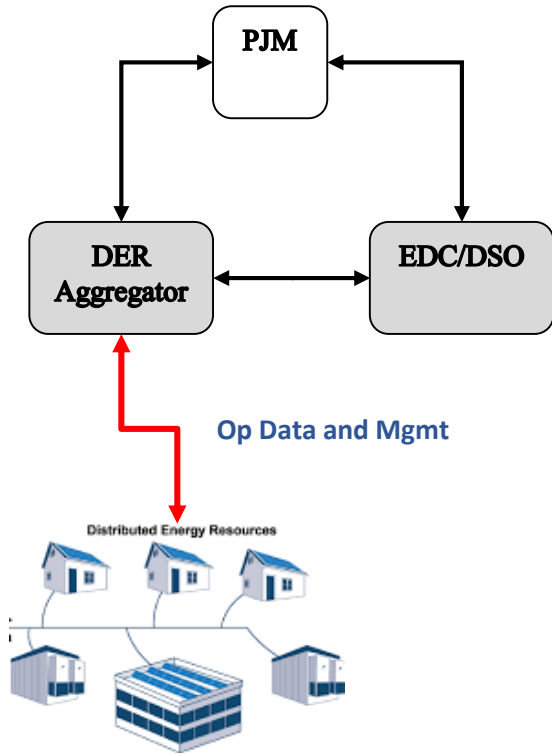
- Why?
 - The distribution systems is dynamic with multi-directional power flow, voltage deviations, swings in load, and new requirements for protection settings
- How?
 - Automation - using sophisticated software, communications, and control architecture to provide customers with reliable service.
 - Aggregation and DER management must be embedded into the automation algorithms for EDCs to be successful in the future.
 - Less Standards Settings

PJM Proposed Communication and Management Model

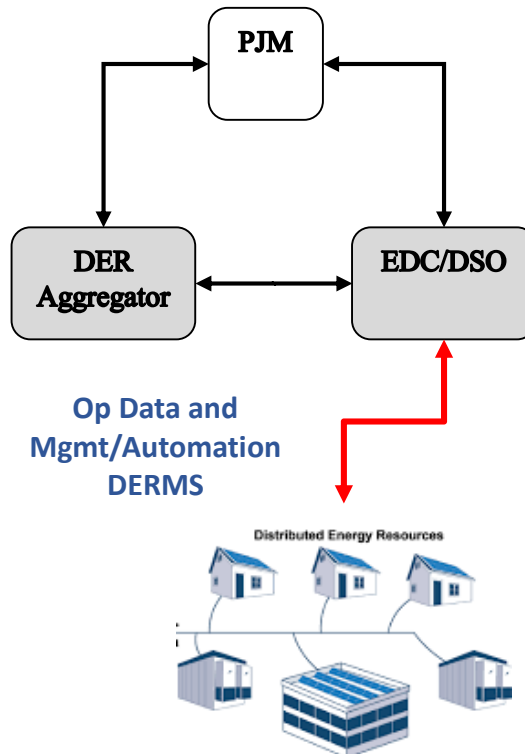


VARIABILITY: EDC Communication and Management Models

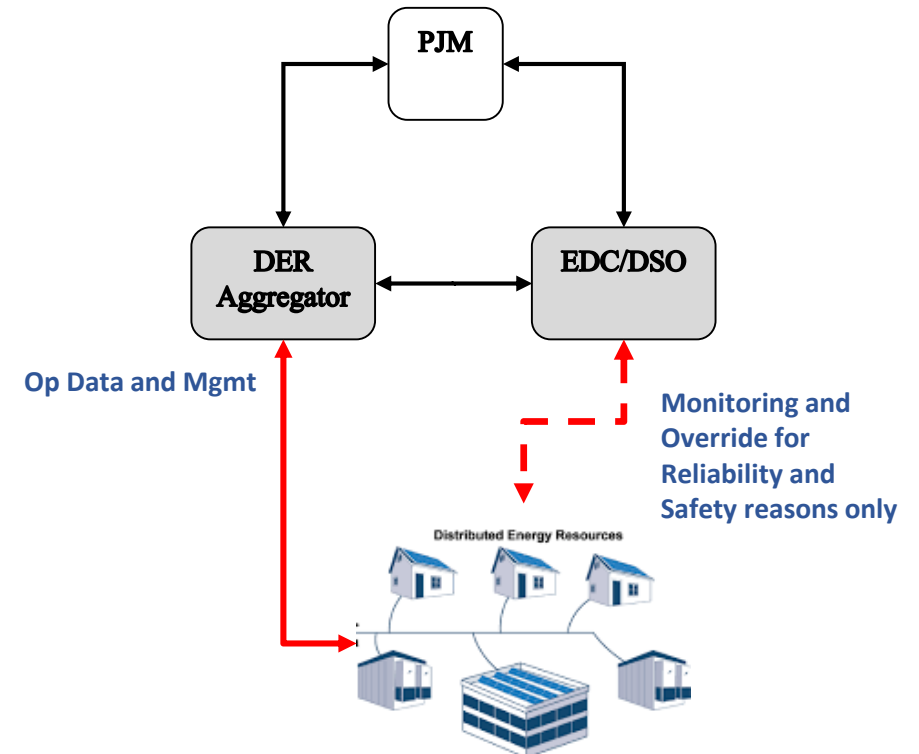
Option A



Option B



Option A/B



Options presented are illustrative, as additional options are under development by EDCs/TOs to accommodate their unique positions.