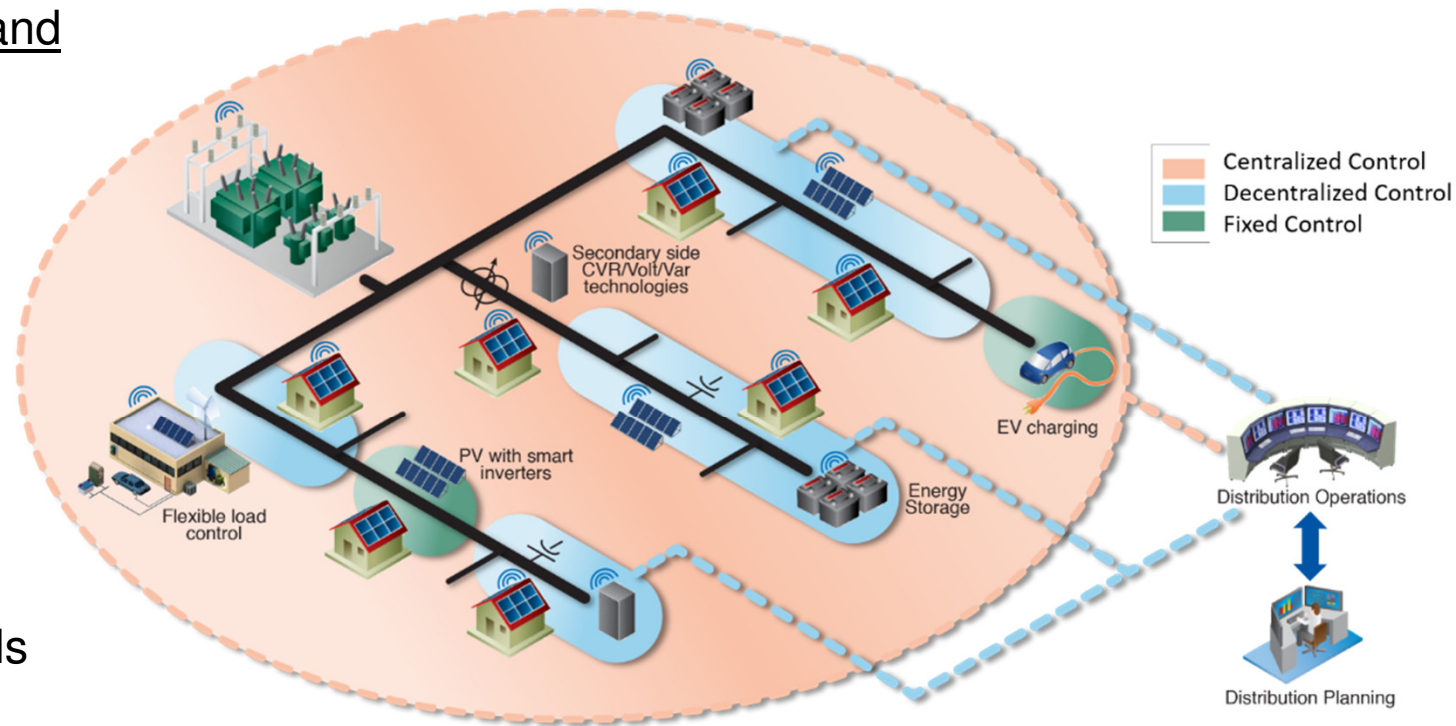


Hybrid Solutions for Modernizing the Distribution Grid and Enabling DER

Hybrid Integration Solutions

Leverages, coordinates, and optimizes

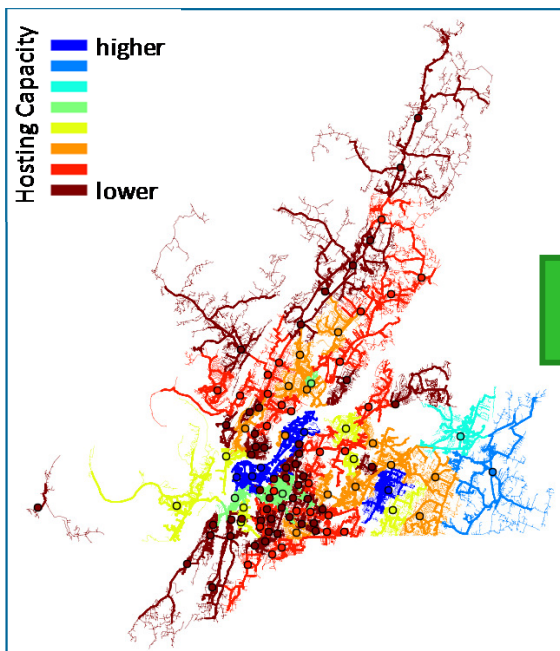
1. DER and inherent capabilities
2. Existing assets and control capabilities
3. New integration technologies
4. Centralized and decentralized controls



Hybrid Integration Solutions – Control, Technologies, Analytics

Hybrid Solutions for Modernizing the Distribution Grid and Enabling DER

Accommodating DER

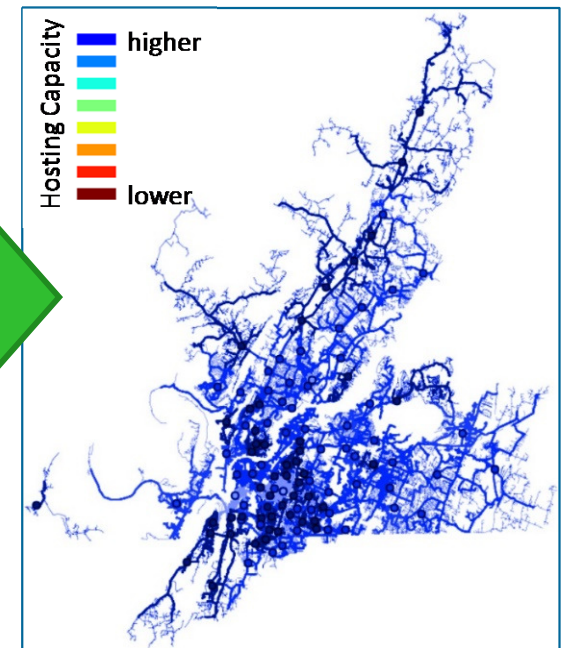


Existing
Hosting Capacity

Hybrid Integration Solutions Leverages, coordinates, and optimizes

1. DER and inherent capabilities
2. Existing assets and control capabilities
3. New integration technologies
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Integrating DER



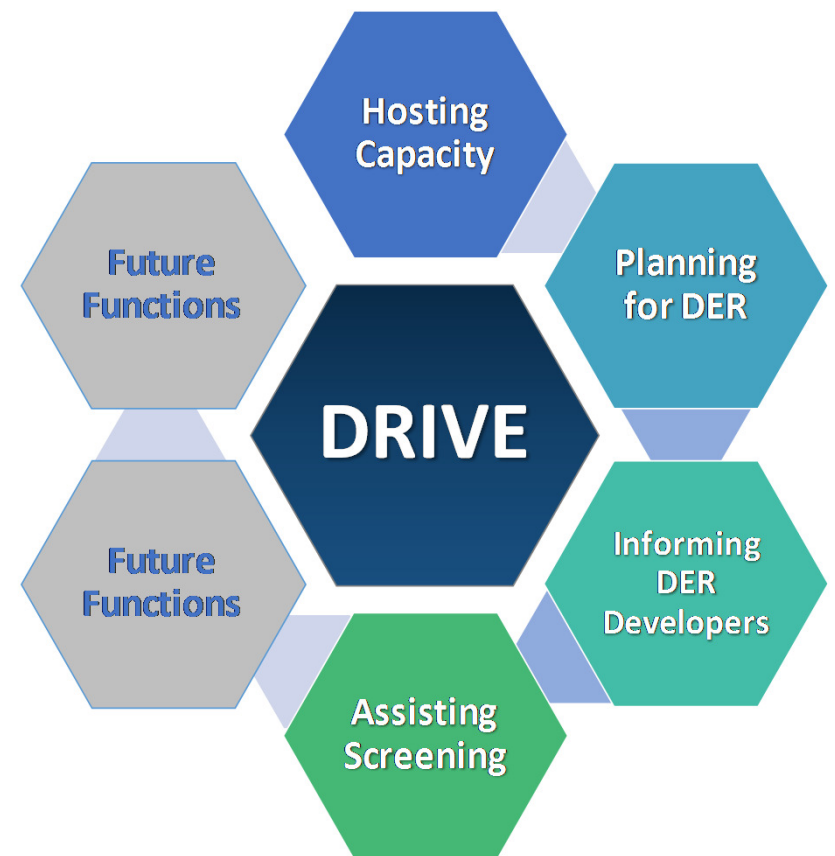
Increased Hosting Capacity

Enhancing Planning Tools: DRIVE

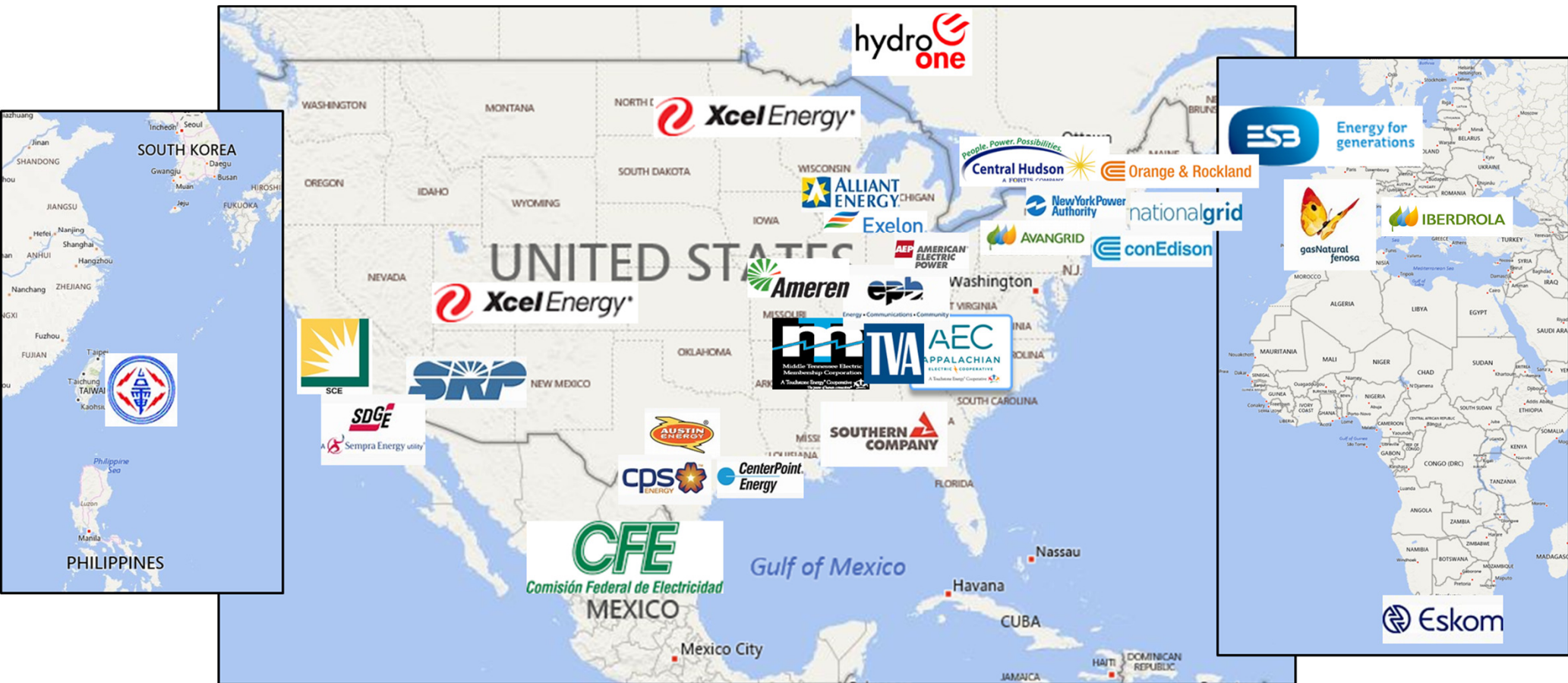
Distribution Resource Integration and Value Estimation Tool

Enables planners to efficiently and effectively evaluate the technical impacts of DER on distribution systems using new analytical methods

- Capabilities
 - Voltage, thermal, and protection analysis
 - Multiple DER technologies
 - Location-specific, node-by-node analysis
 - Automated, distribution system-wide analysis
- Compatibility
 - Multi-platform compatibility (Synergi, CYME...)
 - Existing data sets
 - Utility planning thresholds/limits
- Applications
 - Scenario Planning
 - Informing DER developers
 - Assisting interconnection screening
 - Ongoing development: automated mitigation assessment, DER locational value, etc.



Utility's Currently Leveraging DRIVE





Together...Shaping the Future of Electricity