





The Intelligent Platform

NECPUC 2014

David O'Brien
Vice President, Regulatory Solutions

Its About the Network



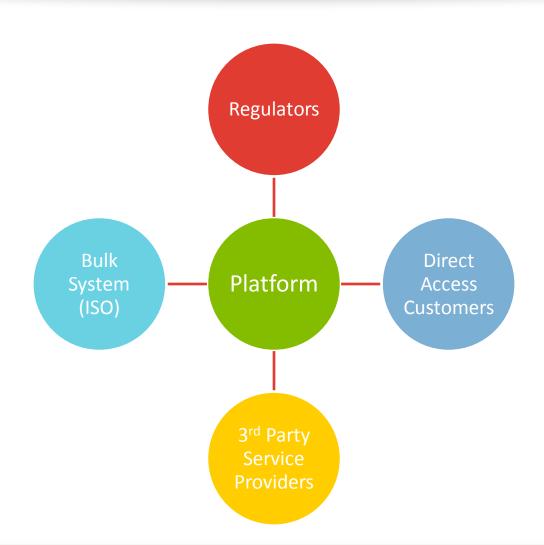


An Enabling Platform

- Visibility and Control at the Edge
- Two Way Power Flow
- Supporting Dynamic Interactions
 - DER (Micro-Grids, DG, EV's)
 - Customer Empowerment
- Distribution Level Market
- Policy Attainment
 - Reliability, System Efficiency, CO2 ...



High Level Ecosystem





Scope and Roles

Market Operations

Grid Operations

ISO

"Wholesale" Energy and Capacity

"Wholesale" Ancillary
Services

"Wholesale" Market
Administration

Wide Area View

Bulk Operations (115 kV and above)

Central Generation
Management

Dist. Platform

Basic and Value Added Services

"Retail to Wholesale"
Aggregation

"Retail" Market Administration

Regional/Local View

T/D/Microgrid Ops (115 kV and below)

DER Management

Customers

Direct Access (Individuals)

3rd Party Service Providers

"Premise" View

"Premise" or Microgrid
Operations

DER Operations

