

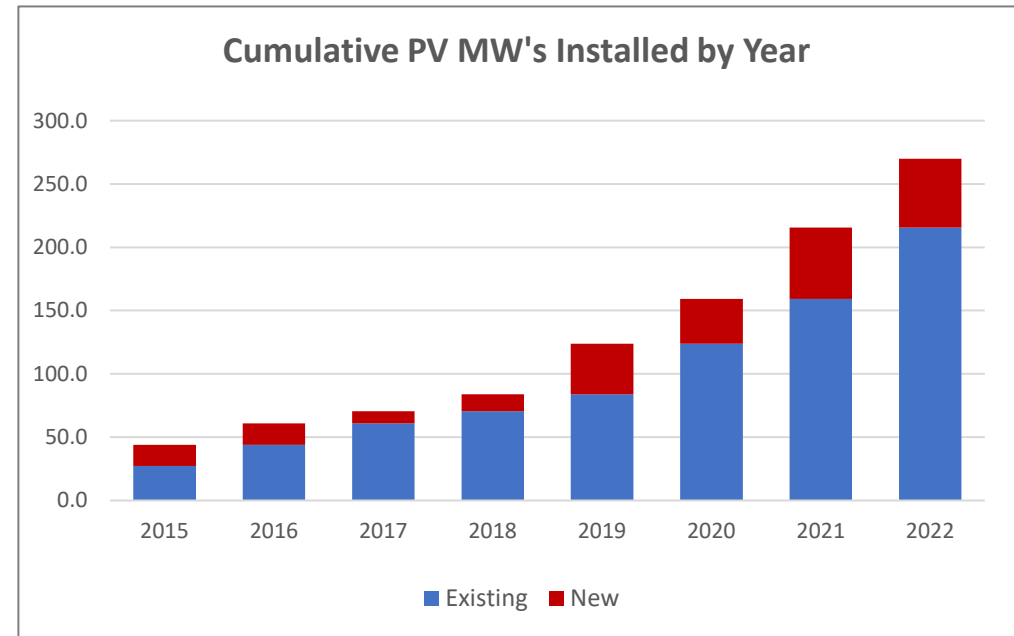
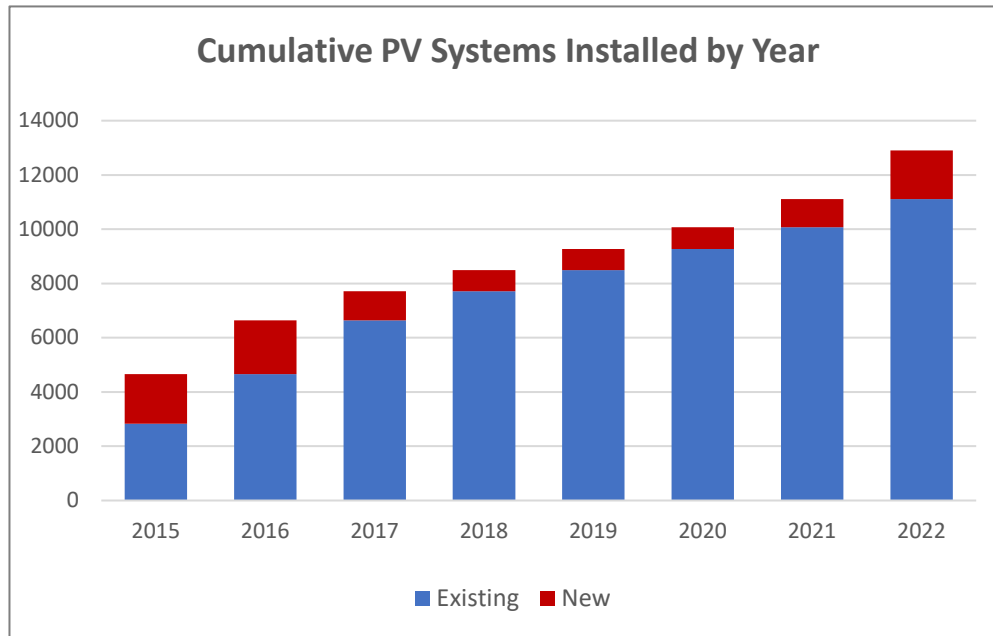
Energy Transformation

Ryan Hawthorne

Vice President – Electric Engineering and Operations

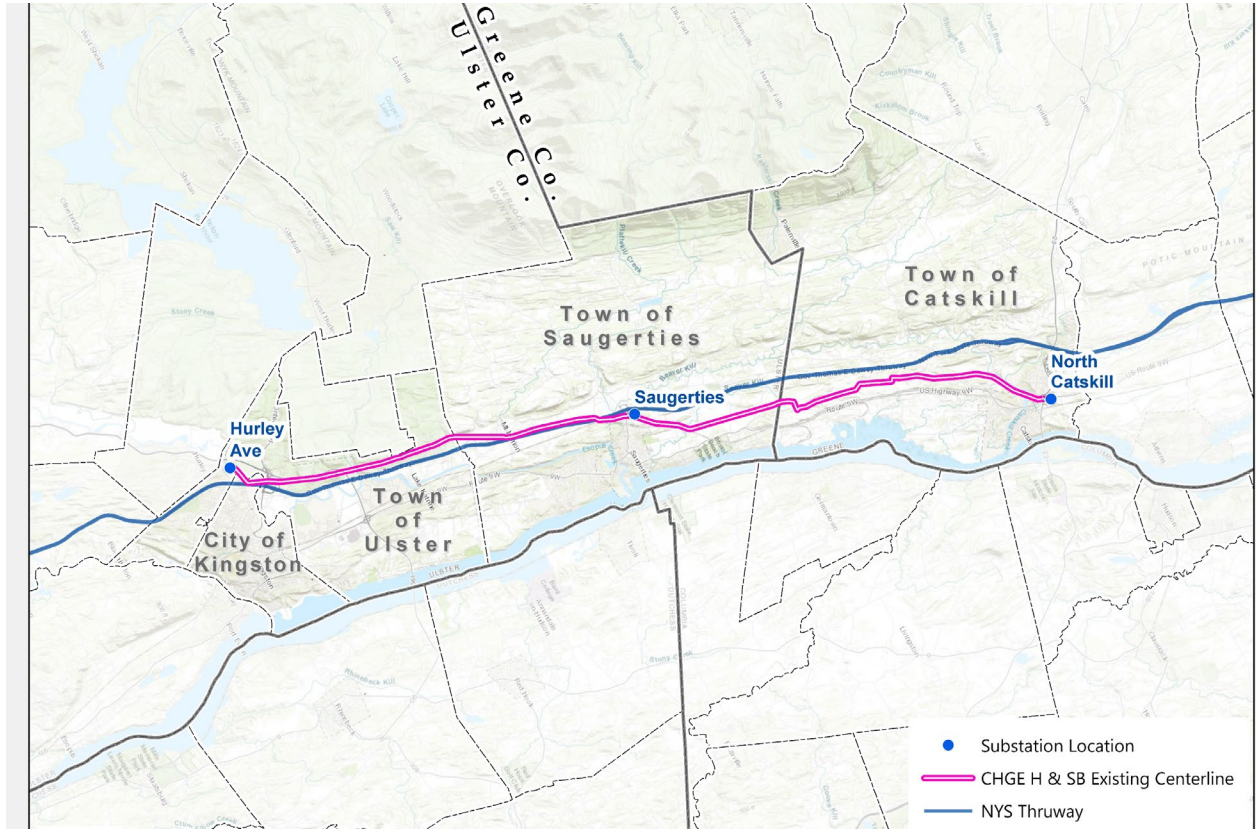


Continued Expansion of Interconnections



- More than 13,300 systems online, 282 MW
- Queue of 230 MW additional (plus 2700 MW on transmission)
- Growing Planning & Interconnections Team

Transmission Investments, Increasing Headroom



- Statewide bulk power improvements
- Local transmission projects

Modernizing the Distribution Grid

1. Distribution Automation

SCADA assets that enable grid optimization & resiliency

2. Geographic Information System

Digital network model

3. Network Strategy

Communication Network

4. Advanced Distribution Management System

Integrated Software Systems

5. Distribution System Operations

Distribution Control Room, real-time monitoring

6. Substation Metering Infrastructure

Metering and LTC upgrades

