

TCIPG

INDUSTRY PANEL

EXECUTIVE/LEGISLATIVE ACTIONS AFFECTING ENERGY DELIVERY SYSTEMS CYBERSECURITY

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ON BEHALF OF THE TCIPG TEAM

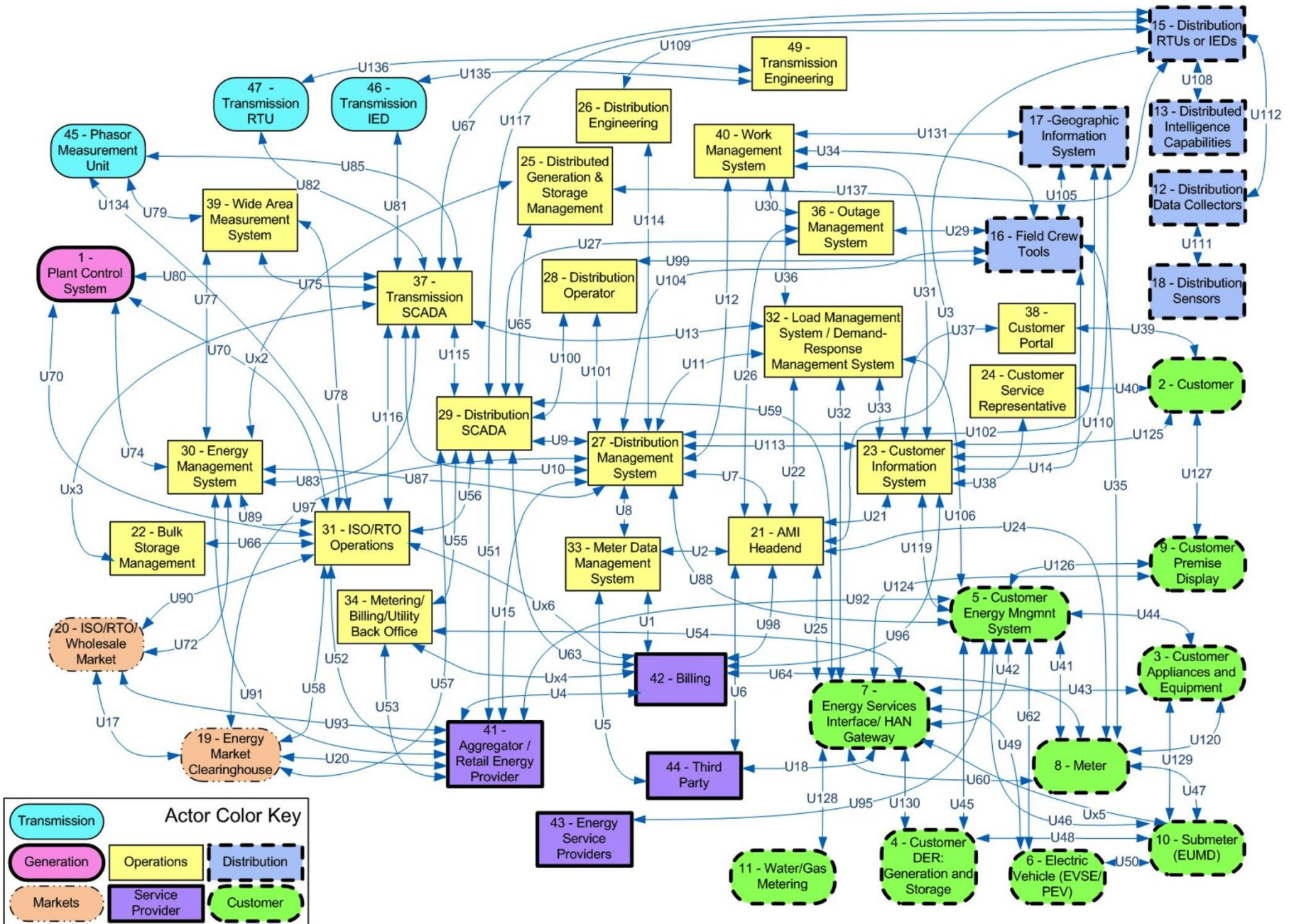
PANELISTS

- Joseph Bucciero
 - Corporate Risk Solutions
- Don Harris
 - Sargent & Lundy
- Scott Mix
 - NERC
- Melanie Seader
 - Edison Electric Institute

THE LANDSCAPE

- Standards & best practices
 - ANSI, DIN, IEC, IEEE, ISO, ITU, ...
- NISTIR 7628
 - Vol 1: 293 pgs, Vol 2: 175 pgs, Vol 3: 225 pgs
- NESCOR guidance
 - 11+ documents
- EO Framework 13636
 - 46 pgs
- NERC CIPs
- New legislation

- ... is that enough already?



AN EXAMPLE OF CHANGE

- NERC CIP v5
 - Role-based instead of risk-based classifications
 - Multiple levels of compliance – Low, Medium and High Impact
 - New terminology (e.g., *BES Cyber System*)
 - All serial connections are considered
 - Multi-factor authentication requirements
 - Encryption
 - All software must be documented
 - All security patches must be documented