Connected energy future
Core Values

- Listen to understand, speak with purpose
- Seek. Share. Partner.
- Be curious, learn more, do better. Repeat.

- Respect self, others and environment.
- Do what is right. Do what is safe.
- Serve like your lights depend on it.
Energy imbalance decisions

“One size does not fit all”
WAPA balancing authorities & markets

Boundaries are approximate and for illustrative purposes only.
Energy imbalance objectives

• Ensure reliable delivery of our hydropower while adjusting to a changing energy mix
• Respond to customer feedback requesting WAPA lead organized market discussions
• Address WAPA BA limitations
• Facilitate integration of renewable resources
• Enable participants who want to optimize their resources
Market status timeline

- **UGP**: EI decision Sept. 2019
  - Full market Oct. 2015
- **SN**: EI decision Aug. 2019
  - TBD
- **RM**: EI decision Sept. 2019
  - TBD
- **CRSP**: EI decision Sept. 2019
  - TBD
- **DSW**: EI Study 2019/2020
  - TBD
RC transition

- UGP-East – SPP 10/2015
- SN – CAISO 7/2019
- DSW/RM/CRSP/UGP-West – SPP 12/2019
Wildfire prevention & mitigation

- Reviewing vegetation management programs
- Voluntarily complying with SB 901
- Participating in TANC’s Ad-hoc Wildfire Committee
Continuous Process Improvement

CPI projects: $3,371,040
ex: HQ Purchase Card Invoice Payments

Just Do It projects: $41,312,181
ex: SN Settlements Tagging

WAPA Strategic Initiatives: $45,532,014
ex: OCFO Automated Self-Service Invoicing Tool

WAPA cost savings and avoidance: $90,215,234 as of June 30, 2019
Physical Security update

• Implementing new remediation validation process
• Tiered security protection levels focus resources on more critical sites
  • 1,000+ tasks reduced to ~450
• ~94 site assessments done in FY 2019
• 84%+ of planned security remediations done in FY 2019
• Conducting assessments in house in FY 2020 will save over $378,000
Cyber threat environment

- Increasing regulations
- Internet of Things
- Scope and breadth of organization
- Asset management nexus
- Continuous communications
OT/IT convergence

- Lifecycle discrepancy
- “Smart” technology
- Situational awareness
- Data management
DC update

• Fiber discussions
  – Improved capabilities for utility operations
  – Protect customers’ investments
  – Support customer needs for expanded services

• Integrated Resource Plans
• Purchase Power and Wheeling report
Key takeaways

Make the best decisions based on regional needs.
Prepare for and adapt to industry change.
Leverage partnerships to achieve mission.
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