webRegistry
Project Status Update

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Trade Secret
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Overview

- webRegistry was developed and deployed to production in parallel mode on May 15, 2012
- A vast majority of Entities have registered
  - 906 Entities — 144 TPs
  - 1107 Code Roles — 148 BAs
  - 08 RROs — 732 PSEs
  - 16 RCs
- A small list of enhancements are being developed
- Cutover:
  - NERC, NAESB, Joint Electric Scheduling Subcommittee (JESS), and OATI met on October 02-03, 2012 and agreed on expected cutover schedule
  - TSIN retirement was announced for November 13, 2012
  - Industry Outreach Initiated according to NAESB/NERC/OATI Communications Plan
Registration

- Horizontal lines indicate no additional changes being made - assume that residuals are outdated or old data and will not be registering in webRegistry
  - 1107 registered (41 unregistered “junk”)
  - 2212 registered (93 unregistered)
  - 5469 registered (155 unregistered)
Enhancements

• Emergency Publication Procedure
• Reserved Entity Code Process
  – Design for all of them is completed
  – Implementation is expected before production operation and documentation is forthcoming
CutOver

- **November 06-13, 2012**
  - User Interface for both TSIN and webRegistry will be disabled
  - Entities can/should configure changes needed during that week ahead of time
  - Registry content will be stable, allowing for meaningful review by Entities
  - OATI Help Desk and NERC will facilitate emergency changes

- **November 07, 2012**
  - webRegistry will produce Pending registry
  - Data will be copied to and published on TSIN

- **November 08, 2012**
  - webRegistry Pending registry will be come Active on TSIN

- **November 13, 2012**
  - TSIN will be decommissioned by NERC
  - Data will be published by and available via webRegistry
Completion of Registration

• Continue outreach to all unregistered Entities
• Review of existing registrations continues
  – Service Point IDs
  – Incorrect/Missing Application Service URLs
  – DC Tie Associations
  – Incomplete Data
• OATI will work with NAESB to provide a process to accommodate last minute changes during the week of transition
Thank You

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FTP Site

- TSIN currently provides anonymous FTP site with uncontrolled access by anyone
- webRegistry provides secure FTP site for registered user access
  - Only registered users have credentials for FTP access
  - Access is logged and monitored
  - There is a mechanism for non-industry participants to register in webRegistry (Observer Role, same as in TSIN today)
- Cyber security concerns:
  - Modifications and tampering of registry data
  - Social engineered attacks (spear phishing)
  - SPAM