# Western Interchange Tool Working Group
# (WITWG)

September 29, 2020

# WIT Administration

- Joint Reliability Coordinator Executive Committee determined WECC shared tools shall be hosted as follows:
  - WIT Working Group (WITWG) is hosted by RC West
  - ECC Working Group (ECCWG) is hosted by SPP

- WIT Working Group participants are comprised of participants on the WECC ATFWG and ATFWG Correspondence email distribution lists
- WIT Working Group webpage at caiso.com:
  http://www.caiso.com/informed/Pages/RCWest/WECCInterchangeToolWorkingGroup.aspx

ISO PUBLIC

# Your representatives:

**Chair** - Craig Henry, AESO

**Vice Chair** - Raymond Vojdani, WACM

**Secretary** - Heidi Stoltz, SRP

**RC West Hosts:**

Kokou Agbassekou

Dave Delparte

# WIT Working Group - Agenda

1. Introductions
2. Establish additional voting members
3. WITWG Charter
4. June Meeting minutes and follow up items
5. Internet Service Outage 08/30/2020
6. ATEC
7. WIT Schedule Change Requests
8. Variances
9. Enhancements
10. Review Action Items
11. Future meetings

# WIT Working Group – Members – 38 BAs in WIT

## Types of WIT Users:

Schedule Checkout

Delta Time Error

Frequency Bias and L10

Please make sure your Balancing Authority Area contacts include those areas and are part of the WECC ATFWG or ATFWGCOR distribution lists

Next slide, names in red listed are members, names in black are today's participants -

Shall we list members on the WIT Working Group webpage at www.caiso.com?

# WIT Working Group – Members – 38 BAs in WIT

| | | | |
|---|---|---|---|
| AESO | Kevin Stinson | IPCO | |
| AVA | Eric Tipton, Tracy Townley | LDWP | |
| AVRN | | NEVP | Patrick Foley |
| AZPS | Christina Guzman, Marvin Bradt, Michelle Hollman, Ashley Kelly | NWMT | Hugh Murphy, Amy Vercella, Eric Mahugh |
| BANC | Eddie Ledesma | PACE | Betsy Butler, Deanna Doney, Kathee Downey |
| BCHA | Ryan Vennesland, Julie Chambers | PACW | Betsy Butler, Deanna Doney, Kathee Downey |
| BPAT | Jason Bryan, Mike Norris, Bernadette Dalia | PGE | Tina Gary, Jonnette Hemry |
| CEN | | PNM | |
| CHPD | | PSCO | |
| CISO | Kokou Agbassekou, Dave Delparte, Greg Berglund, David Dieser | PSEI | Nancy Mesquita, Nikki Siron, Joshua Megrath |
| DEAA | | SCL | Clara Zhang, Nhung Mach, Hung Nguyen, Connie Huynh , Michael Jang |
| DOPD | | SRP | Jennifer Nelsen, Heidi Stoltz |
| EPE | Anne Reed, Gerald Markey, Pearl Muller, Miritzi Sandoval | TEPC | Dan, Glenda Bracamonte, Calvin Dacus |
| GCPD | | TIDC | Leslie Bucheli, Jody Carr |
| GRID | | TPWR | |
| GRIF | | WACM | Mariah Swaffer, Raymond Vojdani, Jerry Krebs |
| GWA | | WALC | Laura Ramirez, Rose Statler, Kim Clark |

# WIT Working Group - Charter

Charter has been approved by the Joint RC Executive Committee



Located on the WIT Working Group webpage at caiso.com: http://www.caiso.com/informed/Pages/RCWest/WECCInterchangeToolWorkingGroup.aspx

# June Meeting Minutes and Follow up Items

## Follow up items

- Where is the members list with phone numbers?

- Craig and Danielle are waiting to hear back from OATI not sure if they will send out communication regarding the issues or if OATI will. (Kokou/Craig to provide updates) report on next slide

- Raymond will look into why this happened and apply the change to everyone if needed.

- The effective date for these containers and having trouble with BA access. Some alarms weren't working that is being looked into. OATI when full staffed after COVID-19 affects will put rNSI in. In production on 09/16/20

- All BAs take up an action Item to look at ATEC to make sure it's doing what you expect and want. (Everyone?)

# Tagging Outage Saturday, 06/06/2020 12:08 PDT

**SUBJECT:**     System Event on June 6th

**Problem Descriptions:**

At approximately 2:10 PM CPT on June 6th, OATI received reports that some systems were inaccessible to users. OATI Teams investigating found that a service running on the Domain Name Servers (DNS) in the Minneapolis Data Center was not functioning properly. By 3:06 PM CPT the DNS service was back online and the issue was resolved. The OATI Bloomington Data Center DNS was not impacted during this event.

OATI project teams continued to monitor the DNS and servers for the rest of the day.

**Post Event Follow-up:**

OATI identified the root cause of the outage was a failure in the OATI domain name resolution used by OATI applications from the Minneapolis Data Center at approximately 1:40 PM CPT. The DNS services were restarted at 3:06 PM CPT and the system issue was resolved.

OATI has implemented additional DNS service monitors that will automatically mitigate the situation under similar failure conditions. Additionally, OATI has escalated the details of this failure to the DNS software vendor for resolution.

OATI apologizes for the inconvenience this may have caused your organization and looks forward to working with you in the future.

Sincerely,

OATI SUPPORT

# Internet Service Outage 08/30/2020

## CenturyLink Outage Impact

The August 30, 2020 CenturyLink ISP outage had significant impact on Internet traffic across the globe spanning many industries. This outage also impacted some of our customers, and OATI wants you to know that we stand ready to support you during these types of events, and that the OATI Private Cloud is designed to withstand such disruptive communications events.

This early Sunday morning event triggered OATI's escalated response team, comprised of senior staff from Customer Support, IT, Project Management, Integration, Development and Executive teams. Over 40 staff joined in activities via both on-site presence as well as web-meetings to coordinate and execute response activities. OATI Private Cloud Data Centers were not impacted by this event and OATI systems remained fully operational. OATI Data Centers have quadruple redundancy including use of Internet Service Providers. The OATI IT staff took precautionary action circumventing traffic through the degraded network. OATI responded to several customer tickets reporting connectivity problems from external networks, and worked with those customers to assist them in this issue. OATI staff appreciated the feedback from customers "Stressful event. Help desk very responsive and informative".

# DTE– Variance Update

| System | Short Description | Status | Next Action | Priority Severity |
|---|---|---|---|---|
| RCW EMS | DTE 6/4 HE 18 & 19 | With RCW EMS vendor | Work in progress | High |
| RCW EMS | DTE 07/21 HE10 | Fixed | Work in progress | High |
| RCW EMS | DTE 08/10 HE 17 | Pending RCWEST action | Work in progress | High |
| RCW EMS | DTE 08/11 HE 11 | Fixed | closed | High |
| RCW EMS | DTE 07/31 HE 4 Primary shows 0, BU1 and BU2 are non-zero | Pending | Work in progress | Low |
| RCW EMS | DTE 08/30 HE 5, 6, 7 Primary shows 0, BU1 and BU2 are non-zero | Pending | Work in progress | Low |

# WIT Schedule Change Requests

| Requests Submitted Per Month | Change Requests | # of Initial Tags | Total MWh Change | # ATF Tags Needed | Reasons |
|---|---|---|---|---|---|
| June | 3 | 9 | 146 | 0 | • Tag manually curtailed due to OATI software failure<br>• OATI tagging global outage prevented eTag curtailments<br>• Software updating issues |
| July | 2 | 2 | 27 | 0 | • Generator not running for this loss payback tag. Should have been curtailed. SRP will pay these losses back next month.<br>• Tag was incorrectly created with 30 MWh, should be 13 MWh. |
| August | 3 | 6 | 144 | 0 | • Sale was Non-firm but tagged as Firm<br>• Loss Supply tag did not propagate correctly<br>• Tag was manually curtailed with CAISO, CAS software failure prevented schedule from being electronically curtailed |
| September | None to-date | | | | |

Key:

- Change Requests = the number of requests submitted in that month.
- Total MWh Change = difference between current MWh and requested MWh on form
- ATF Tags Needed = ATF tags created

# WIT Schedule Change Requests Guidelines

- WECC Inadvertent data report for the previous month must be sent to stakeholders after the 15th of the following month.

- Please make your changes prior to the 15th of the following month for the previous month

- ~~Meter actual changes are processed directly in WIT within 168 hours. After 168 hours, work with OATI to fix the meter before the 15th of the following month.~~

- Please inform ATF Chair, SPPW and RCW administrators for any changes made to schedules or meter actuals after the 168 hours window expired.

- NERC/CERTS Inadvertent data for each month must be locked by the administrators after the 15th of the following month.

# WIT Working Group – Issues Update

| WS Ticket # | Short Description | Status | Next Action | Priority Severity |
|---|---|---|---|---|
| 138564 | WIT - Ability for users to clear vars (Enhancement) | OATI to review issue | Pending OATI review | MEDIUM |
| 133081 | GRID BA to RCWEST Container | Pending OATI review | OATI to provide practical solution to GRID. | MEDIUM |
| ~~130927~~ | ~~WIT Alarm Preferences Not Working~~ | ~~Cannot be located~~ | ~~RCW investigated but cannot locate~~ | ~~MEDIUM~~ |
| ~~138564~~ | ~~WIT - Ability for users to clear vars~~ | ~~Enhancement. Should we proceed?~~ | ~~Issue has been entered into the Enhancement Queue~~ | ~~MEDIUM~~ |
| 141828 | WIT PROD: CERTS display "No Data" for SPPC - IN00935388 | Variance | OATI to review issue | MEDIUM |
| 139991 | WIT PROD - RCW cannot access AESO nor BCHA | Variance | OATI to complete change | MEDIUM |
| 139511 | WIT PROD: Hourly updates to NERC CERT CRFW Report from WECC Inadvertent Report | Enhancement. Should we proceed? | OATI to Investigate | MEDIUM |

# WIT Working Group – Past Variances Resolved

| WS Ticket # | Short Description | Status | Next Action | Priority Severity |
|---|---|---|---|---|
| 134016 | Missing "Export to CERTS" button | Completed 04/20 | Closed | MEDIUM |
| 134124 | Unable to make edits to time error via UI | Completed 04/20 | Closed | HIGH |
| 138808 | ATEC Data Maintenance | Completed 06/26 | Closed | MEDIUM |
| 130926 | Remove Inactive BAs from WECC Inadvertent Report | Completed 08/20 | Closed | MEDIUM |
| 137334 | WIT Homepage Cleanup (Enhancement) | Completed 9/16 | Closed | LOW |
| 138107 | Download Payback service issue | Completed 9/16 | Closed | HIGH |
| 136743 | WIT - Interchange Summary Monthly View Start/End | Completed 9/16 | Closed | MEDIUM |

California ISO | RC West

# WIT Working Group - Enhancements

As the contract holder of WIT, ISO Technology would like to know about any wish items to improve how the WIT look at feel.

There is no money now, but this will help ISO Technology understand the pain points and new ideas for the WIT

Are there efficiency ideas regarding how the tool could be used easier?

OATI revealed that WIT will be upgraded to webSmartScheduler but have not provided an update

# Suggested Enhancements from RC West

**All WIT Users:**

- We want it to look like the other OATI products. Would WITWG prefer webTrans or webSmartTag?

- Each display should be labeled

- ATEC report/Primary Inadvertent Summary should turn red/show Mismatch if all values are zero for a past hour

- Update the WIT User Guide

- OATI should provide WIT Specifications

**WIT Admin Users:**

- Additional logging that is more intuitive

# WIT Working Group – Let's do this again!

Next WITWG webinar suggestion:

# January 26th 9:15 a.m. – 11:00 a.m. PDT

When reporting any WIT issue, please include
WITAdminRCW@caiso.com; craig.henry@aeso.ca;
avojdani@wapa.gov;

Request from your OATI PM "WIT Project" permissions to
see WIT issues in webSupport.

# Next WIT Working Group Webinar

**Participate in the WITWG**:

Please submit a request to Marie Morris at WECC, [mmorris@wecc.org](mailto:mmorris@wecc.org), to be added to the WECC ATFWG or ATFWGCOR email distribution lists

# Register soon at:

[http://www.caiso.com/informed/Pages/RCWest/WECCInterchangeToolWorkingGroup.aspx](http://www.caiso.com/informed/Pages/RCWest/WECCInterchangeToolWorkingGroup.aspx)

Agenda additions,

please email [WITAdminRCW@caiso.com](mailto:WITAdminRCW@caiso.com); [craig.henry@aeso.ca](mailto:craig.henry@aeso.ca); [avojdani@wapa.gov](mailto:avojdani@wapa.gov)