

Enhanced Curtailment Calculator Working Group Meeting

May 15, 2020
Teleconference

SUMMARY OF ACTION ITEMS

1. Dede Subakti (RC West) will take the 95% loading message removal to OATI to request a quote.
2. Ashley to cancel all in-person meetings for 2020 and replace with teleconferences. Also, add check-in meetings to the current schedule (complete).
3. Shane Messano to give the RC EC an update on the plans for 2021 meetings and OATI attendance.
4. Dede Subakti to send out the testing schedule for approved COs under development at OATI.
5. Dede Subakti to send the 95% message removal to OATI for a quote.

ECCWG MEETING

May 15, 2020
Teleconference

MINUTES

AGENDA ITEM 1 – INTRODUCTIONS

The meeting was called to order at 9:33 a.m. CST. The following participants were in attendance:

Dede Subakti (RC West)

Kevin Pera (XCEL)

Igor Kormaz (TSGT – Proxy for Keith Carman)

Brett Gruesner (XCEL)

Robin Chung (BPA)

Jim Price (CAISO)

Danielle Smith (CAISO)

Larry Bellnap (CAISO)

Alycia Kramer (Basin)

Yasser Bahbaz (SPPW)

Ashley Stringer (SPP)

Zea Flores (WAPA)

Jeremy West (TSGT - Proxy for Kerri Schlachter)

Asher Steed (BC RC)

William Ragsdale (SPP)

Quorum was not established.

AGENDA ITEM 2 – REVIEW AND APPROVE 4/28/20 MINUTES

Due to lack of quorum, this will be moved to the next meeting.

AGENDA ITEM 3 – WORK PLAN FOR THE COMING YEAR

The committee decided to cancel all in-person meetings scheduled for 2020 due to the uncertainty around COVID-19. Additional check-in meetings will be added in between the current schedule. Everything will be scheduled for Friday mornings. Ashley will get the schedule updated and a notification will be sent out to the group when available for registration.

For 2021, the group agreed to continue support of OATI attending in-person meetings. Dede Subakti (RC West) reported that OATI's travel budget was well under our projections for \$12K per year. Additionally, the group will plan for six in-person meetings every other month for 2021. Scheduling of these meetings will take place during the October 2020 meeting, weighing in the COVID-19 situation at that time.

Shane Messano (WAPA) to give a brief report to the RC Executive Committee about plans for 2021 meetings.

Additionally, Dede Subakti (RC West) gave the group an update on development for previously approved Change Orders. Subakti will be sending out the schedule for testing soon. The group plans to test during an upcoming meeting.

AGENDA ITEM 4 – UFC CHANGE ORDER REVIEW

Zea Flores (WAPA, UFC Chair) presented a proposal on removing the 95% loading messages in webECC. Dede Subakti (RC West) will take the 95% loading message removal to OATI to request a quote. Once the quote is received, the ECCWG will vote.

AGENDA ITEM 5 – CONTINUE SEAMS/STRATEGIC DISCUSSION

Since the chair and vice-chair were unavailable for today's meeting, the group elected to postpone this discussion until the next meeting.

Issue #1: Tariff Issues

1. Path vs SOL
2. Filing issues
3. SOL Methodology
4. Capital recovery
5. Applicable entities in the plan does not account for markets and changing environments.
6. The plan does not have a mechanism to validate data (applicable entity, PST, O&M, etc.)

- a. Not consistent
- 7. No enforcement mechanism (who is the police)
 - a. Potential NERC standard changes
- 8. Guidelines do not match current practice
- 9. Simplify the PY to current year (better reflect the true year)

Issue #2: Curtailment Philosophy Issues

- 6. Basic issue is that you are curtailing firm transactions but not GTL that is not tagged.
- 7. Evaluate tagged or untagged GTL serving transactions should be exposed to curtailments or redispatch during a UFMP event.
 - a. Bring back the review at UFC**
- 8. Pseudo ties and dynamic schedules are not getting curtailed (need to revisit the impacts here)
- 9. Tool does not calculate relief amount (what is the GTL contribution)
- 10. The plan does not preclude the use of curtailments when flows are well below the limit (voltage issues, etc.)
 - a. Whitepaper for 1-5 on the curtailment philosophy**
- 11. Reevaluating the curtailment threshold (current is 10%)
 - a. Separate analysis needed**
 - i. Should look at TDF**
 - ii. Generation serving the load within a BA**
 - b. Relief amount requested is not in the methodology (ECC tool needs to do these calculations)
 - i. Tags do not equal actuals (dynamics)
 - ii. Tool does not calculate relief amount (what is the GTL contribution)
- 12. Transmission rights preservation (?)
 - a. Transmission Service used for GTL.
 - b. TS is maintained in markets or non-markets
 - c. Write up the principle and objective, as well as how it is maintained**

Issue #3: Path vs SOL

- 1. More than UFMP needs relief
 - a. "any" element not just four paths
 - i. Elements need to qualify
 - ii. Elements need to be defined
 - b. Untagged flow not captured
- 2. Flow can be curtailed when the path is not at 95% loading
- 3. Path qualification requirements

4. Actual Flow must reach a level greater than or equal to 95 percent of the SOL or Path's TTC, with Actual Flows greater than the Scheduled Flows by an amount of 2 percent of the Qualified Transfer Path SOL or 25 MW, whichever is greater. This is not in the tariff.
5. Over curtailment (if element is at 95% but the path is not) - Using proxy paths.

Issue #4: Timing Issues

1. Interaction between UFMP curtailments and needed relief in hour
2. This is only a next-hour process that uses current hour information
3. Timing of step four is limited (only 10 minutes for assessments). Waiting until after the current ramp to end to do the assessment

Issue #5: Tool Issues

1. Input model is limiting or incomplete
2. The ECC does not consider PST optimization
 - a. PST optimization methodology is not defined
3. Cannot terminate a USF event and have tag reloads (no one has rights to reload with the way the curtailments happen)
4. You cannot edit a USF event
5. New Change Order proposal: Generator matrix coordinated against the elements/paths for merchant side transparency
6. New Change Order proposal: Any new or adjusted tags held through the event

Issue #6: Compensation methodology

7. Cost methodology for PST usage
8. Cost causation is not used
9. Plan uses old data from applicable entities, and old O&M data from QCDs

Issue #7: Goals & Objectives/Miscellaneous

1. Discuss changing the degree per MW for effectiveness factors to degree per tap.
2. PST methodology to prevent curtailments has lost effectiveness (going straight to step four)
3. The Plan is voluntary for QPs and QCDs
4. Need to consider elements in both directions
5. UFMP was originally created for unscheduled flow (loop flow). This looks Western Interconnection wide.
6. Reliability tool using marketing function to solve reliability issues
7. GOALS:
 - a. Include reliability and equity

- b. Include a compensation mechanism
- c. Local market picks up PST compensation?

AGENDA ITEM 5 – REVIEW ACTION ITEMS

See Page 1.

AGENDA ITEM 6 – FUTURE MEETINGS

June 5, 2020	9:30 a.m. – 11:30 a.m. (CDT)	Teleconference/Check-in
June 19, 2020	9:30 a.m. – 11:30 a.m. (CDT)	Teleconference
July 10, 2020	9:30 a.m. – 10:30 a.m. (CDT)	Teleconference/Check-in
July 31, 2020	9:30 a.m. – 11:30 a.m. (CDT)	Teleconference
August 21, 2020	9:30 a.m. – 11:30 a.m. (CDT)	Teleconference
September 4, 2020	9:30 a.m. – 10:30 a.m. (CDT)	Teleconference/Check-in
September 18, 2020	9:30 a.m. – 11:30 a.m. (CDT)	Teleconference
October 2, 2020*	9:30 a.m. – 10:30 a.m. (CDT)	Teleconference/Check-in
October 16, 2020	9:30 a.m. – 11:30 a.m. (CDT)	Teleconference
November 6, 2020	9:30 a.m. – 10:30 a.m. (CDT)	Teleconference/Check-in
November 20, 2020	9:30 a.m. – 11:30 a.m. (CST)	Teleconference
December 11, 2020	9:30 a.m. – 11:30 a.m. (CST)	Teleconference

*Discuss scheduling 2021 meetings.

ADJOURNMENT

The meeting was adjourned at 10:02 a.m. CDT.

Respectfully Submitted,

Ashley Stringer



Sr. Operations Analyst