

Unscheduled Flow Committee & Enhanced Curtailment Calculator Working Group
Joint Meeting

March 19, 2021
Teleconference

SUMMARY OF ACTION ITEMS

1. Ashley Stringer to send email vote for Jim Price's replacement on ECCWG.
2. Igor Kormaz (TSGT) to send Ashley his Path TF PowerPoint to post.
3. SPP RC to evaluate tagged or untagged GTL serving transactions should be exposed to curtailments or redispatch during a UFMP event.
4. Scott Brown (SPP) took an action item to get confirmation with OATI on pseudo ties and dynamic schedules curtailment and provide an education session on whether the source/sinks are acting as expected.
5. Jim Price (CAISO) to update the alternative relief CO with request for a report.
 - a. Ashley Stringer to post to the meeting materials when received.

UFC & ECCWG JOINT MEETING

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MINUTES

AGENDA ITEM 1 – INTRODUCTIONS

Shane Messano (WAPA) called the meeting to order at 9:35 a.m. CDT. The following participants were in attendance:

ECCWG:

Kathee Downey (PAC)

Keith Carman (TSGT)

Asher Steed (BC RC)

Robin Chung (BPA)

Jim Price (CAISO)

Larry Bellnap (CAISO)

Kevin Pera (XCEL)

Zea Flores (WAPA)

Quorum was established.

UFC:

Zea Flores (WAPA)

Larry Bellnap (CAISO)

Brenna Andrews (NWMT)

Kathee Downey (PAC)

Igor Kormaz (TSGT)

Shane Ripley (BPA)

Raj Hundal (PWX)

Quorum was established.

Others in attendance:

Brett Gruesner (XCEL)

Ashley Stringer (SPP)

Dede Subakti (RC West)

Kokou Agbassekou (CAISO)

Will Ragsdale (SPP)

Scott Brown (SPP)

Tony Alexander (SPP)

Kendall White (SPP)

Richard Tran (SPP)

Leesa Oakes (SPP)

Mark Whitson (SPP)

Yasser Bahbaz (SPP)

Sam High (SPP)

John Varnell

Mike Pfeister

Jim Price (CAISO) announced he would be retiring on March 31. Price has recommended Kokou Agbassekou (CAISO) replace him on the ECCWG. Ashley Stringer (SPP) will send a formal email vote, as quorum was not established until later in the call.

AGENDA ITEM 2 – PATH TASK FORCE UPDATE

Igor Kormaz (TSGT) gave the group an update on the WECC Path Task Force. The TF mission will determine the relevance and role of total transfer capability, WECC path ratings, and the three-phase ratings process in the operations and planning horizon, and to identify and explain the changes in regulatory, markets and business practices, as well as changes in operations and planning that support conclusions and recommendations. The TF began in August 2020, and has just completed introductory education sessions. Kormaz is particularly interested in how the path ratings process and SOL methodology will affect USF. Raj Hundal (PSX) expressed concern over the TF not having any market entities and only reliability entities. Hundal will discuss with Vic Howell (staff liaison).

Ashley Stringer (SPP) will post Kormaz's presentation to the meeting materials.

AGENDA ITEM 3 – SEAMS/STRATEGIC DISCUSSION

Zea Flores (WAPA) led the group in a strategic discussion. The two groups first drafted a list of items for discussion in March of 2020 (copied below). Flores proposed that the focus should be to come up with what the new plan will look like, and chip away at the list. Others suggested that while we have to go somewhere "bigger" long-term, we may can fix the small things now. Any tariff related adjustments would be a longer-term goal. The group agreed a phased approach would have to be implemented and decided to begin with items listed in the curtailment philosophy section.

Issue #2: Curtailment Philosophy Issues

1. Basic issue is that you are curtailing firm transactions but not GTL that is not tagged.
2. Evaluate tagged or untagged GTL serving transactions should be exposed to curtailments or redispatch during a UFMP event. **Need the RCs to evaluate. Nothing is untagged for path 66. Action item for SPP RC.**
3. Relief amount requested is not in the methodology (ECC tool needs to do these calculations)
 - a. Tags no not equal actuals
 - b. Tool does not calculate relief amount
4. Transmission rights preservation (?)
5. Pseudo ties and dynamic schedules are not getting curtailed (need to revisit the impacts here). **The group believes these are included in the curtailment but the issue may actually be it is not giving the relief you expected. Scott Brown (SPP) took an action item to get confirmation with OATI and provide an education session on whether the source/sinks are acting as expected.**
6. Reevaluating the curtailment threshold (current is 10%)

7. The plan does not preclude the use of curtailments when flows are well below the limit (voltage issues, etc.)

Additionally, Jim Price (CAISO) discussed the alternative relief Change Order. This functionality is considered "low hanging fruit" that the group can clean up quickly. Price took an action item to add language to the Change Order to request a report on alternative actions. Ashley Stringer (SPP) will post it to the meeting materials when received.

Full list of UFMP issues from 3/2020 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

8. Basic issue is that you are curtailing firm transactions but not GTL that is not tagged.
9. Evaluate tagged or untagged GTL serving transactions should be exposed to curtailments or redispatch during a UFMP event.
10. Relief amount requested is not in the methodology (ECC tool needs to do these calculations)
 - a. Tags no not equal actuals
 - b. Tool does not calculate relief amount
11. Transmission rights preservation (?)
12. Pseudo ties and dynamic schedules are not getting curtailed (need to revisit the impacts here)
13. Reevaluating the curtailment threshold (current is 10%)
14. The plan does not preclude the use of curtailments when flows are well below the limit (voltage issues, etc.)

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 4 – REVIEW ACTION ITEMS

See Page 1.

AGENDA ITEM 5 – FUTURE MEETINGS

Ashley Stringer to update the 4/15 & 4/16 UFC/ECC as joint meetings.

April 15, 2021	10:00 a.m. – 11:00 a.m. (CDT)	Teleconference/Joint Meeting
April 16, 2021	9:30 a.m. – 10:30 a.m. (CDT)	Teleconference/Joint Meeting
May 14, 2021	9:30 a.m. – 11:30 a.m. (CDT)	Teleconference/Joint Meeting

ADJOURNMENT

The meeting was adjourned at 11:39 a.m. CDT.

Respectfully Submitted,

Ashley Stringer

Sr. Ops Quality Control Specialist