

Unscheduled Flow Committee & Enhanced Curtailment Calculator Working Group
Joint Meeting

April 15, 2021
Teleconference

SUMMARY OF ACTION ITEMS

1. Discuss Larry Bellnap's replacement for QOO, UFC, and ECCWG at the May QOO meeting.
2. Ashley Stringer to send UFC members the competing path change order with OATI options.
 - a. Send the list of variances for webECC assigned to UFC to the members.
 - b. Send the competing path CO option to Dede Subakti for OATI quote.

UFC & ECCWG JOINT MEETING

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MINUTES

AGENDA ITEM 1 – INTRODUCTIONS

Zea Flores (WAPA) called the meeting to order at 10:00 a.m. CDT. The following participants were in attendance:

ECCWG:

Kathee Downey (PAC)

Robin Chung (BPA)

Kokou Agbassekou (CAISO)

Larry Bellnap (CAISO)

Kevin Pera (XCEL)

Zea Flores (WAPA)

Kerri Schlachter (TSGT)

Quorum was not established.

UFC:

Zea Flores (WAPA)

Larry Bellnap (CAISO)

Brenna Andrews (NWMT)

Kathee Downey (PAC)

Igor Kormaz (TSGT)

Raj Hundal (PWX)

Quorum was established.

Others in attendance:

Ashley Stringer (SPP)

Scott Brown (SPP)

Kendall White (SPP)

Leesa Oakes (SPP)

Vic Howell (WECC)

Chris Bultsma (WAPA)

Jeremy Lamb (Morgan Stanley)

Steve Szablya

Larry Bellnap (CAISO) announced his retirement (July 9, 2021). Bellnap nominated Shane Hugg (CAISO) as UFC & QOO replacement. Kokou Agbassekou and Dede Subakti will be handling ECCWG from CAISO and RC West's perspective. Ashley will add the nomination to the May QOO meeting agenda.

AGENDA ITEM 2 – COMPETING PATH CHANGE ORDER

The group previously drafted a Change Order for quote at OATI, regarding Competing Path Logic. OATI sent back two options to consider. The group discussed the options and chose *option 1 – independent issuance with calculation on competing path*. Both Path Operators would be required to enter relief for the qualified and competing path, and as of today, both will issue an independent USP procedure. webECC would calculate the curtailment total to meet the relief needed. Optimizations to current curtailment processing would be required to improve calculation response time when issuing. Ashley Stringer (SPP) will send the decision to Dede Subakti (RC West) and request a quote from OATI.

Larry Bellnap (CAISO) mentioned the WECC summer heat wave report and subsequent recommendations concerning PSTs. Vic Howell (WECC) stated the recommendation was from a broad perspective that RCs and TOPs should consider using PSTs beyond qualified paths. The report can be found at the following link:

https://www.wecc.org/_layouts/15/WopiFrame.aspx?sourcedoc=/Reliability/August%202020%20Heatwave%20Event%20Report.pdf&action=default&DefaultItemOpen=1

The committee members will review the report and discuss further, if necessary, at future meetings.

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. The group discussed issue #3 regarding path vs SOL.

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.

Discussions primarily considered the move to qualifying all elements and what that would entail for the program and the interconnection. Primary concerns revolved around the system never receiving needed upgrades while depending on PSTs, as well as compensation. The group will continue to discuss the best way to develop what a future state of the program may look like.

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

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.
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)
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.)

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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

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 10:59 a.m. CDT.

Respectfully Submitted,

Ashley Stringer

Sr. Ops Quality Control Specialist