

Available Transfer Capability Implementation Document (ATCID) Streamlining

April 14, 2022



Agenda

1. ATCID Streamlining Phases
2. Overview of Phase III Changes
3. Review Changes in ATCID
4. Wrap Up

ATCID Streamlining Phases

1. BPA is continuing to streamline its ATCID
 - a. This effort is driven by BPA's goal to have a transparent Short-term Available Transfer Capability (ST ATC) methodology, and by BPA's challenges in keeping the ATCID updated as required by NERC ATC MOD-001, Requirement 3
2. The ATCID streamlining effort consists of three phases:
 - a. Phase I – Completed: Consolidated the separate sections on the 1:1 and flow-based paths into one
 - b. Phase II – Completed: Eliminated unnecessary content remaining from BPA's discontinued use of MOD-030-2
 - c. Phase III – Currently Underway: Streamlining/simplification of the overall document, with a specific focus on the sections that detail BPA's non-firm ATC calculations

Overview of Phase III Changes

1. The “Allocation Processes” section has been restructured to clarify how BPA allocates capacity of its Total Transfer Capability (TTC) and base Existing Transmission Commitment (ETC) calculations
2. Changes to “Table 2, BPA’s Flow-based Paths”
 - a. This table was reviewed for accuracy and updated as needed
 - b. The Transmission Line Components column was revised so that the line definitions properly reflect the directionality used in BPA’s studies
3. The non-firm transmission product list within the “Calculating Non-Firm Transmission Service for BPA’s Paths” section was simplified
4. The “Calculating Non-Firm Existing Transmission Commitments (ETC_{NF})” section was expanded to capture the six separate ETC_{NF} calculations that BPA performs
 - a. The six ETC_{NF} calculations have been outlined within formulas in this section

Overview of Phase III Changes (cont.)

5. The “Calculating Non-Firm Available Transfer Capability (ATC_{NF})” section was expanded to capture the six separate ATC_{NF} calculations that BPA performs
 - a. The six ATC_{NF} calculations have been outlined within formulas in this section
6. A table comparing ATC_{NF} calculations between BPA’s Beyond Real-time and Real-time horizons was added to the “Calculating Non-Firm Available Transfer Capability (ATC_{NF})” section
7. The *de minimis* methodology for ATC_{NF} was relocated under the ETC_F and ETC_{NF} sections
8. BPA’s processes and methodology for calculating TTC and ST ATC have not changed

Review Changes in ATCID

1. BPA will go through a draft ATCID V. 71 during this portion of the meeting
 - a. The draft ATCID V. 71 contains the changes resulting from the Phase III streamlining
2. We will be working from a red-lined version of the document today
 - a. The redlined version of the ATCID will be posted prior to the customer meeting, under the Meetings section found at the following link:
<https://www.bpa.gov/energy-and-services/transmission/acquiring-transmission/atc-methodology>
 - b. The current version of the ATCID is also posted to BPA's ATC Methodology page at the link above

Wrap up

1. Please send any feedback on the draft of ATCID V. 71 to techforum@bpa.gov, with a copy to your Account Executive
2. Comments are due by April 28, 2022
3. BPA will be posting the finalized ATCID V. 71 with an effective date of May 3rd, 2022
 - a. The Phase III revisions found in ATCID V. 71 are needed for BPA's close out of its mitigation plan on NERC ATC MOD-001, Requirement 3
 - b. Due date for the close out of the mitigation plan is May 15, 2022