

Mapping Table Showing Translation of FAC-012-1 – Transfer Capability Methodology and FAC-013-1 – Establish and Communicate Transfer Capabilities into FAC-013-2 – Planning Transfer Capability

Standard: FAC-012-1- Transfer Capability Methodology		
Requirement in Approved Standard	Translation to New Standard or Other Action	Proposed Language in FAC-013-2/Comments
<p>R1. The Reliability Coordinator and Planning Authority shall each document its current methodology used for developing its inter-regional and intra-regional Transfer Capabilities (Transfer Capability Methodology). The Transfer Capability Methodology shall include all of the following:</p> <p>R1.1. A statement that Transfer Capabilities shall respect all applicable System Operating Limits (SOLs).</p> <p>R1.2. A definition stating whether the methodology is applicable to the planning horizon or the operating horizon.</p> <p>R1.3. A description of how each of the following is addressed, including any reliability margins applied to reflect uncertainty with projected BES conditions:</p> <p>R1.3.1. Transmission system topology</p> <p>R1.3.2. System demand</p> <p>R1.3.3. Generation dispatch</p> <p>R1.3.4. Current and projected transmission uses</p>	<p>This Requirement has been moved into FAC-013-2 Requirement R1</p>	<p>The Reliability Coordinator has been removed as an applicable entity in FAC-013-2.</p> <p>R1. Each Planning Coordinator shall prepare and keep current a Planning Transfer Capability Methodology Document (PTCMD) that includes, at a minimum, the following information:</p> <p>1.1. A description of the assumptions and criteria used in the calculation of Planning Transfer Capabilities (PTCs) to include at a minimum how each of the following are addressed, or an explanation for any of the following not used in the calculation of PTC.</p> <ul style="list-style-type: none"> • Generation dispatch, including expected outages, additions and retirements • Transmission system topology, including expected transmission outages, additions, and retirements • System demand • Current and projected transmission uses • Parallel path impacts (loop flows) • Contingencies • Reliability margins applied to reflect uncertainty with BES conditions. <p>1.2. A list of all PTCs to be calculated.</p> <p>1.3. A statement that PTCs shall respect all applicable System Operating Limits (SOLs).</p> <p>1.4. A statement that the assumptions and criteria used to</p>

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		<p>calculate PTCs are as, or more, limiting than the assumptions and criteria used in the operating horizon.</p> <p>1.5. A description of how generation/load is adjusted to determine the PTCs identified in Requirement R1, Part 1.2.</p>
<p>R2. The Reliability Coordinator shall issue its Transfer Capability Methodology, and any changes to that methodology, prior to the effectiveness of such changes, to all of the following:</p> <p>R2.1. Each Adjacent Reliability Coordinator and each Reliability Coordinator that indicated a reliability-related need for the methodology.</p> <p>R2.2. Each Planning Authority and Transmission Planner that models any portion of the Reliability Coordinator’s Reliability Coordinator Area.</p> <p>R2.3. Each Transmission Operator that operates in the Reliability Coordinator Area.</p>	<p>This Requirement has been removed from FAC-013-2.</p>	<p>FAC-013-2 only applies to the Planning Coordinator.</p>
<p>R3. The Planning Authority shall issue its Transfer Capability Methodology, and any changes to that methodology, prior to the effectiveness of such changes, to all of the following:</p> <p>R3.1. Each Transmission Planner that works in the Planning Authority’s Planning</p>	<p>This Requirement has been moved into FAC-013-2 Requirement R2.</p>	<p>R2. Each Planning Coordinator shall issue its PTCMD, and any revisions to the PTCMD, to the following entities prior to the effectiveness of such revisions:</p> <p>2.1. Each Planning Coordinator adjacent to the Planning Coordinator’s planning coordinator area.</p> <p>2.2. Each Transmission Planner within the Planning Coordinator’s planning coordinator area.</p>

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<p>Authority Area.</p> <p>R3.2. Each Adjacent Planning Authority and each Planning Authority that indicated a reliability-related need for the methodology.</p> <p>R3.3. Each Reliability Coordinator and Transmission Operator that operates any portion of the Planning Authority’s Planning Authority Area.</p>		<p>2.3. Any other functional entity that has a reliability-related need for such PTCs and makes a written request for such PTCs.</p> <p>FAC-012-1 Requirement R3.3 has been modified to include any functional entity that has a reliability-related need (FAC-013-2 Requirement R2 Part 2.3).</p>
<p>R4. If a recipient of the Transfer Capability Methodology provides documented technical comments on the methodology, the Reliability Coordinator or Planning Authority shall provide a documented response to that recipient within 45 calendar days of receipt of those comments. The response shall indicate whether a change will be made to the Transfer Capability Methodology and, if no change will be made to that Transfer Capability Methodology, the reason why.</p>	<p>This Requirement has been moved into FAC-013-2 Requirement R3.</p>	<p>R3. If a recipient of the PTCMD provides documented technical comments on the methodology, the Planning Coordinator shall provide a documented response to that recipient within 45 calendar days of receipt of those comments. The response shall indicate whether a change will be made to the PTCMD and, if no change will be made to that PTCMD, the reason why.</p>

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R1. The Reliability Coordinator and Planning Authority shall each establish a set of inter-regional and intra-regional Transfer Capabilities that is consistent with its current Transfer Capability Methodology.	This Requirement has been moved into FAC-013-2 Requirement R4.	R4. Each Planning Coordinator shall verify, and if assumptions or criteria as described in Requirement 1 Part 1.1 have changed recalculate, PTCs consistent with its PTCMD for years two through five at least once each calendar year with no more than 15 months between verifications.

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<p>R2. The Reliability Coordinator and Planning Authority shall each provide its inter-regional and intra-regional Transfer Capabilities to those entities that have a reliability-related need for such Transfer Capabilities and make a written request that includes a schedule for delivery of such Transfer Capabilities as follows:</p> <p>R2.1. The Reliability Coordinator shall provide its Transfer Capabilities to its associated Regional Reliability Organization(s), to its adjacent Reliability Coordinators, and to the Transmission Operators, Transmission Service Providers and Planning Authorities that work in its Reliability Coordinator Area.</p> <p>R2.2. The Planning Authority shall provide its Transfer Capabilities to its associated Reliability Coordinator(s) and Regional Reliability Organization(s), and to the Transmission Planners and Transmission Service Provider(s) that work in its Planning Authority Area.</p>	<p>This Requirement has been moved into FAC-013-2 Requirement R5.</p>	<p>The Reliability Coordinator is not an applicable entity in FAC-013-2 therefore FAC-013-1 Requirement R2.1 has been removed.</p> <p>R5. The Planning Coordinator shall make its PTCs available no later than thirty calendar days (following the verification or recalculation of those PTCs) to those entities identified in Requirement R2.</p> <p>FAC-013-1 Requirement R2.2 has been modified to include adjacent Planning Coordinator’s, Transmission Planner’s within the Planning Coordinator area and any functional entity that has a reliability-related need (FAC-013-2 Requirement R2, Part 2.1 through Part 2.3).</p> <p>R2. Each Planning Coordinator shall issue its PTCMD, and any revisions to the PTCMD, to the following entities prior to the effectiveness of such revisions:</p> <p>2.1. Each Planning Coordinator adjacent to the Planning Coordinator’s planning coordinator area.</p> <p>2.2. Each Transmission Planner within the Planning Coordinator’s planning coordinator area.</p> <p>2.3. Any other functional entity that has a reliability-related need for such PTCs and makes a written request for such PTCs.</p>