

# Project QC-2024-04

## Proposed Modifications to the Glossary

### 1. Proposed Modifications to the Glossary in Connection with this Application

The Coordinator proposes the following modifications to the Glossary of Terms and Acronyms Used in Reliability Standards (the “Glossary”) in accordance with the changes to the Glossary of Terms Used in NERC Reliability Standards. These modifications were filed through the NERC Project 2022-01 Reporting ACE Definition and Associated Terms.

### 2. Proposed Modifications to the Glossary

The Coordinator proposes the following two (2) new terms related to the NERC Project 2022-01 – Reporting ACE definition and terms.

#### 2.1. New terms and their definition

Term	Acronym	Definition	Standard / Definition affected	Notes
ACE Diversity Interchange	ADI	<p><b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b> A frequency neutral exchange program where multiple participating Balancing Authorities utilize it to achieve reductions in their generation control and Reporting ACE through offsets to either Actual Net Interchange or Scheduled components to create an ACE value closer to zero for each participant.</p> <p><b>(Processus d'ajustement mutuel de l'ACE)</b> Source: Glossary of Terms Used in NERC Reliability Standards</p>	<p><b>Standards</b> None</p> <p><b>Terms</b> Included in Reporting ACE definition.</p>	New term to NERC glossary
Inadvertent Interchange Management	IIM	<p><b>Effective on Month xx, 20xx (12 months after the adoption of the standards in this application):</b> A term used in Reporting ACE to allow for management of Inadvertent Interchange and correction of Time Error. The IIM value is not used for unilateral paybacks and is null unless there is a regional procedure in place to</p>	<p><b>Terms</b> Included in Reporting ACE definition.</p>	New term to NERC glossary

Term	Acronym	Definition	Standard / Definition affected	Notes
		<p>coordinate an inadvertent control methodology for an Interconnection.</p> <p><b>(Gestion de l'échange involontaire)</b></p> <p>Source: Glossary of Terms Used in NERC Reliability Standards</p>		

## 2.2. Revised definitions

The Coordinator proposes the modifications to the following thirty (30) terms related to the NERC Project 2022-01 – Reporting ACE definition and terms.

Term	Acronym	Definition	Standard / Definition affected	Notes
Actual Net Interchange	NIA	<p><b>Current definition:</b>  <b>In effect until Month xx, 20xx</b>  The algebraic sum of actual megawatt transfers across all Tie Lines, including Pseudo-Ties, to and from all Adjacent Balancing Authority areas within the same Interconnection. Actual megawatt transfers on asynchronous DC tie lines that are directly connected to another Interconnection are excluded from Actual Net Interchange.</p> <p><b>New definition:</b>  <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b>  The algebraic sum of actual megawatt transfers across all Tie Lines, including Pseudo-Ties, to and from all <u>a</u>Adjacent Balancing Authority <u>A</u>reas within the same Interconnection. Actual megawatt transfers on asynchronous DC tie lines that are directly connected to another Interconnection are excluded from Actual Net Interchange.</p> <p><b>(Échange net reel)</b></p> <p>Source: Glossary of Terms Used in NERC Reliability Standards</p>	<p><b>Standards</b></p> <ul style="list-style-type: none"> <li>BAL-003-2</li> <li>BAL-004-WECC-3</li> </ul> <p><b>Terms</b>  Reporting ACE</p>	Capitalized terms in definition

Term	Acronym	Definition	Standard / Definition affected	Notes
Area Control Error <sup>1</sup>	ACE	<p><b>Current definition:</b>  <b>In effect until Month xx, 20xx:</b>  The instantaneous difference between a Balancing Authority's net actual and scheduled interchange, taking into account the effects of Frequency Bias and correction for meter error.</p> <p><b>New definition:</b>  <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b>  The instantaneous difference between an <del>Balancing Authority's net actual</del> <u>Actual Net Interchange (NIA)</u> and <del>scheduled</del> <u>Scheduled Net Interchange (NIS)</u>, taking into account the effects of Frequency Bias, <del>of and</del> correction for meter error <u>and of Inadvertent Interchange Management (IIM) if operating in the IIM mode. For compliance usage, refer to the term Reporting ACE.</u></p> <p><b>(Écart de réglage de la zone)</b>  Source: Glossary of Terms Used in NERC Reliability Standards</p>	<p><b>Standards</b></p> <ul style="list-style-type: none"> <li>BAL-002-3</li> <li>BAL-003-2</li> <li>BAL-005-1</li> </ul> <p><b>Terms</b></p> <ul style="list-style-type: none"> <li>Control Performance Standard</li> <li>Disturbance Control Standard</li> <li>Frequency Bias Setting</li> <li>Reporting ACE</li> </ul>	The old definition was restricted to only Balancing Authorities and excluded entities such as Balancing Authority Areas and Reserve Sharing Groups. Also updated terms to reflect current NERC defined terms and newly proposed terms added to the Reporting ACE term. Also added a clarifying statement to refer to Reporting ACE for compliance purposes.
Automatic Generation Control	AGC	<p><b>Current definition:</b>  <b>In effect until Month xx, 20xx:</b>  A process designed and used to adjust a Balancing Authority Areas' Demand and resources to help maintain the Reporting ACE in that of a Balancing Authority Area within the bounds required by applicable NERC Reliability Standards</p> <p><b>New definition:</b>  <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b>  A process designed and used to adjust a Balancing Authority Areas' Demand and resources to help maintain the Reporting ACE in that <del>of a</del> Balancing Authority Area</p>	<p><b>Standards</b>  BAL-004-WECC-3</p> <p><b>Terms</b></p> <ul style="list-style-type: none"> <li>Joint Control</li> <li>Regulating Reserve</li> <li>Tie Line Bias</li> </ul>	Team reviewed and determined minor grammar changes.

<sup>1</sup> In its [letter order RD13-11-000](#) of October 16, 2013, FERC approved a new definition for "Automatic Time Error Correction" to the Glossary that is applicable to the Western Interconnection (WECC) and to revise the continent-wide definition of "Area Control Error (ACE)" Given that the modifications to the ACE definition ~~were~~ only applicable to WECC's BAs, the Coordinator did not file this modification to the Régie. Subsequently, the ACE definition that is currently subject to enforcement in Québec differs from the ACE definition currently subject to enforcement in the NERC Glossary.

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		<p>within the bounds required by applicable NERC Reliability Standards.</p> <p><b>(Réglage automatique de la production)</b></p> <p>Source: Glossary of Terms Used in NERC Reliability Standards</p>		
Automatic Time Error Correction	<del>I</del> ATEC ATEC	<p><b>Current definition:</b>  <b>In effect until Month xx, 20xx:</b>  The addition of a component to the ACE equation for the Western Interconnection that modifies the control point for the purpose of continuously paying back Primary Inadvertent Interchange to correct accumulated time error. Automatic Time Error Correction is only applicable in the Western Interconnection.</p> $I_{ATEC} = \frac{PII_{on/off\ peak\ accum}}{(1-Y) \times H}$ <p>when operating in Automatic Time error correction Mode.  The absolute value of I<sub>ATEC</sub> shall not exceed L<sub>max</sub>.  I<sub>ATEC</sub> shall be zero when operating in any other AGC mode.</p> <ul style="list-style-type: none"> <li>• L<sub>max</sub> is the maximum value allowed for I<sub>ATEC</sub> set by each BA between 0.2* B<sub>i</sub>  and L<sub>10</sub>, 0.2* B<sub>i</sub>  ≤ L<sub>max</sub> ≤ L<sub>10</sub>.</li> <li>• L<sub>10</sub> = 1.65 * ε<sub>10</sub> √((-10B<sub>i</sub>)(-10B<sub>s</sub>)).</li> <li>• ε<sub>10</sub> is a constant derived from the targeted frequency bound. It is the targeted root-mean-square (RMS) value of ten-minute average frequency error based on frequency performance over a given year. The bound, ε<sub>10</sub>, is the same for every Balancing Authority Area within an Interconnection.</li> <li>• Y = B<sub>i</sub> / B<sub>s</sub>.</li> <li>• H = Number of hours used to payback primary inadvertent interchange energy. The value of H is set to 3.</li> </ul> <p>B<sub>i</sub> = Frequency Bias Setting for the Balancing Authority Area (MW / 0.1 Hz).</p>	<p><b>Standards</b>  BAL-004-WECC-3</p> <p><b>Terms</b>  (Reporting ACE)</p>	<p>Re-organized published glossary terms to reflect changes made during the standard drafting process. Published term was unreadable. Added an islanding term, "BAIsland" to accurately reflect a BA that has lost synchronism with the remainder of the interconnection cannot have an impact on Time Error. Changed the method of allocating Primary Inadvertent to use actual Bias settings to reflect each Balancing Authority's share of Time Error impact more accurately. Capitalized NERC defined terms.</p>

Term	Acronym	Definition	Standard / Definition affected	Notes
		<ul style="list-style-type: none"> <li>• <math>B_S</math> = Sum of the minimum Frequency Bias Settings for the Interconnection (MW / 0.1 Hz). Primary Inadvertent Interchange (<math>PII_{hourly}</math>) is <math>(1 - Y) * (I_{actual} - B_i * \Delta TE/6)</math></li> <li>• <math>I_{actual}</math> is the hourly Inadvertent Interchange for the last hour.</li> <li><math>\Delta TE</math> is the hourly change in system Time Error as distributed by the Interconnection time monitor, where:  <math>\Delta TE = TE_{end\ hour} - TE_{begin\ hour} - TD_{adj} - (t) * (TE_{offset})</math></li> <li>• <math>TD_{adj}</math> is the Reliability Coordinator adjustment for differences with Interconnection time monitor control center clocks.</li> <li>• <math>t</math> is the number of minutes of manual Time Error Correction that occurred during the hour.</li> <li>• <math>TE_{offset}</math> is 0.000 or +0.020 or -0.020.</li> <li>• <math>PII_{accum}</math> is the Balancing Authority Area's accumulated <math>PII_{hourly}</math> in MWh. An On-Peak and OffPeak accumulation accounting is required, where:   <math>PII_{accum}^{on/off\ peak} = \text{last period's } PII_{accum}^{on/off\ peak} + PII_{hourly}</math></li> </ul> <p><b>New definition:</b>  <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b>  The addition of a component <del>to</del> <u>represented by the term <math>I_{ATEC}</math> to the Reporting</u> <del>the</del> ACE equation for the Western Interconnection that modifies the control point for the purpose of continuously paying back Primary Inadvertent Interchange <u>and</u> to correct <del>accumulated time</del> <u>Time error</u> <del>Error</del>.  Automatic Time Error Correction is only applicable in the Western Interconnection.</p>		

Term	Acronym	Definition	Standard / Definition affected	Notes
		$I_{ATEC} = \frac{PII_{on/off peak accum}}{(1-Y) \times H}$ <p><del>when operating in Automatic Time error correction Mode.</del></p> <p>The absolute value of <math>I_{ATEC}</math> shall not exceed <math>L_{max}</math>.</p> <p><math>I_{ATEC}</math> shall be zero when operating in any other AGC mode.</p> <ul style="list-style-type: none"> <li>• <math>L_{max}</math> is the maximum value allowed for <math>I_{ATEC}</math> set by each BA between <math>0.2 \times  B_i </math> and <math>L_{10}</math>, <u>i.e.</u> <math>0.2 \times  B_i  \leq L_{max} \leq L_{10}</math>.</li> <li>• <math>L_{10} = 1.65 \times \epsilon_{10} \sqrt{(-10B_i)(-10B_s)}</math>.</li> <li>• <math>\epsilon_{10}</math> is a constant derived from the targeted frequency bound. It is the targeted root-mean-square (RMS) value of ten-minute average <del>frequency</del> <u>Frequency error</u> based on frequency performance over a given year. The bound, <math>\epsilon_{10}</math>, is the same for every Balancing Authority Area within an Interconnection.</li> <li>• <math>Y = B_i / B_s</math>.</li> <li>• <math>H</math> = Number of hours used to pay back primary <del>inadvertent</del> <u>Inadvertent</u> interchange energy. The value of <math>H</math> is set to 3.</li> <li>• <math>B_i</math> = Frequency Bias Setting for the Balancing Authority Area (MW / 0.1 Hz).</li> <li>• <math>B_s</math> = Sum of the <del>minimum</del> Frequency Bias Settings for the Interconnection (MW / 0.1 Hz). <u>For entities with a variable Frequency Bias, the annual time weighted average FBS based on the one minute values used in BAL-001 when frequency is greater than 60.036Hz or less than 59.964 Hz.</u></li> <li>• <u>Primary Inadvertent Interchange</u> (<math>PII_{hourly}</math>) is <math>(1 - Y) \times (I_{actual} - B_i \times \Delta TE/6)</math>.</li> <li>• <u><math>B_{A_{island}}</math></u></li> <li>• <u><math>B_{A_{island}}</math> = Binary term: 1 indicates the BA is interconnected; 0 indicates the BA is entirely islanded and not interconnected.</u></li> <li>• <math>I_{actual}</math> is the hourly Inadvertent Interchange for the last hour.</li> </ul>		

Term	Acronym	Definition	Standard / Definition affected	Notes
		<p>• <math>\Delta TE</math> is the hourly change in system Time Error as distributed by the Interconnection time monitor, where:  <math>\Delta TE = TE_{\text{end hour}} - TE_{\text{begin hour}} - TD_{\text{adj}} - (t) * (TE_{\text{offset}})</math></p> <p>• <math>TD_{\text{adj}}</math> is the Reliability Coordinator adjustment for differences with Interconnection time monitor control center clocks.</p> <p>• <math>t</math> is the number of minutes <u>spent performing</u> <del>of</del> manual Time Error Correction that occurred during <del>the</del> <u>each</u> hour.</p> <p>• <math>TE_{\text{offset}}</math> is 0.000 or +0.020 or -0.020.</p> <p>• <math>PII_{\text{accum}}</math> is the Balancing Authority Area's accumulated <math>PII_{\text{hourly}}</math> in MWh. An On-Peak and OffPeak accumulation accounting is required, where:</p> $PII_{\text{accum}}^{\text{on/off peak}} = \text{last period's } PII_{\text{accum}}^{\text{on/off peak}} + PII_{\text{hourly}}$ <p><b>(Correction de l'écart de temps automatique)</b></p> <p>Source: Glossary of Terms Used in NERC Reliability Standards</p>		
Balancing Authority Area	<u>BAA</u>	<p>The collection of generation, transmission, and loads within the metered boundaries of the Balancing Authority. The Balancing Authority maintains load-resource balance within this area. maintains load-resource balance within this area.</p> <p><b>(Zone d'équilibrage)</b></p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>	<p><b>Standards</b></p> <ul style="list-style-type: none"> <li>BAL-003-2</li> <li>COM-001-3</li> <li>EOP-004-4</li> <li>EOP-011-1</li> <li>PRC-005-6</li> <li>TOP-001-5</li> </ul> <p><b>Terms</b></p> <p>Multiple terms</p>	Added Acronym
Balancing Contingency Event	<u>BCE</u>	<p><b>Current definition:</b>  <b>In effect until Month xx, 20xx:</b></p> <p>Any single event described in Subsections (A), (B), or (C) below, or any series of such otherwise single events, with each separated from the next by one minute or less.</p> <p>A. Sudden loss of generation:</p>	<p><b>Standards</b></p> <p>BAL-002-3</p> <p><b>Terms</b></p> <ul style="list-style-type: none"> <li>Contingency Reserve;</li> <li>Most Severe Single Contingency;</li> </ul>	Added acronym and updated to correct NERC defined term.

Term	Acronym	Definition	Standard / Definition affected	Notes
		<p>a. Due to</p> <ol style="list-style-type: none"> <li>unit tripping, or</li> <li>loss of generator Facility resulting in isolation of the generator from the Bulk Electric System or from the responsible entity's System, or</li> <li>sudden unplanned outage of transmission Facility;</li> </ol> <p>b. And, that causes an unexpected change to the responsible entity's <a href="#">Reporting</a> ACE;</p> <p>B. Sudden loss of an Import, due to forced outage of transmission equipment that causes an unexpected imbalance between generation and Demand on the Interconnection.</p> <p>C. Sudden restoration of a Demand that was used as a resource that causes an unexpected change to the responsible entity's <a href="#">Reporting</a> ACE</p> <p><b>New definition:</b>  <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b>  Any single event described in Subsections (A), (B), or (C) below, or any series of such otherwise single events, with each separated from the next by one minute or less.</p> <p>A. Sudden loss of generation:</p> <ol style="list-style-type: none"> <li>Due to</li> <li>unit tripping, or</li> <li>loss of generator Facility resulting in isolation of the generator from the Bulk Electric System or from the responsible entity's System, or</li> <li>sudden unplanned outage of transmission Facility;</li> </ol>	<ul style="list-style-type: none"> <li>Reportable Balancing Contingency Event</li> </ul>	



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		<p>And, that causes an unexpected change to the responsible entity's <b>Reporting</b> ACE;</p> <p>B. Sudden loss of an Import, due to forced outage of transmission equipment that causes an unexpected imbalance between generation and Demand on the Interconnection.</p> <p>C. Sudden restoration of a Demand that was used as a resource that causes an unexpected change to the responsible entity's <b>Reporting</b> ACE.</p> <p><b>(Contingence d'équilibrage)</b></p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>		
Control Performance Standard	CPS	<p><b>Current definition:</b> <b>In effect until Month xx, 20xx:</b></p> <p>The reliability standard that sets the limits of a Balancing Authority's Area Control Error over a specified time period.</p> <p><b>New definition:</b> <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b></p> <p><del>The reliability standard that sets the limits of a Balancing Authority's Area Control Error over a specified time period.</del> Methodology of controlling Reporting ACE relative to Frequency Error, expressed as a moving average subject to a limit. It is used as an indicator of sufficient secondary AGC control to maintain energy balance and Scheduled Frequency.</p> <p><b>(Norme de performance du réglage)</b></p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>	<p><b>Standards</b> BAL-001-2 BAL-003-2 (Attachment A)</p> <p><b>Terms</b> None</p>	
Disturbance		<p><b>Current definition:</b> <b>In effect until Month xx, 20xx:</b></p> <p>1. An unplanned event that produces an abnormal <i>system</i> condition.</p>	<p><b>Standards</b></p> <ul style="list-style-type: none"> <li>• BAL-002-3</li> <li>• EOP-004-4</li> <li>• EOP-005-3</li> </ul>	Update to the NERC defined term "Reporting ACE" to

Term	Acronym	Definition	Standard / Definition affected	Notes
		<p>2. Any perturbation to the electric system.</p> <p>3. The unexpected change in ACE that is caused by the sudden failure of generation or interruption of load</p> <p><b>New definition:</b>  <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b></p> <p>1. An unplanned event that produces an abnormal system condition.</p> <p>2. Any perturbation to the electric system.</p> <p>3. The unexpected change in <u>Reporting</u> ACE that is caused by the sudden failure of generation or interruption of load.</p> <p><b>(Perturbation)</b></p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>	<ul style="list-style-type: none"> <li>MOD-026-1</li> <li>MOD-027-1</li> <li>MOD-033-2</li> <li>PRC-026-1</li> </ul> <p><b>Terms</b></p> <ul style="list-style-type: none"> <li>Disturbance Control Standard (proposed for retirement);</li> <li>Disturbance Monitoring Equipment</li> </ul>	accurately reflect current terminology.
Dynamic Interchange Schedule or Dynamic Schedule		<p><b>Current definition:</b>  <b>In effect until Month xx, 20xx:</b></p> <p>A time-varying energy transfer that is updated in Real-time and included in the Scheduled Net Interchange (NIS) term in the same manner as an Interchange Schedule in the affected Balancing Authorities' control ACE equations (or alternate control processes)</p> <p><b>New definition:</b>  <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b></p> <p>A time-varying energy transfer that is updated in Real-time and included in the Scheduled Net Interchange (NIS) term in the same manner as an Interchange Schedule in the affected Balancing Authorities' <del>control</del> <u>Reporting</u> ACE <del>equations (or alternate control processes).</del></p> <p><b>(Programme d'échange dynamique)</b></p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>	<p><b>Standards</b></p> <ul style="list-style-type: none"> <li>BAL-002-WECC-3</li> <li>INT-009-3</li> </ul> <p><b>Terms</b>  Scheduled Net Interchange (NIS)</p>	Update to the NERC defined term "Reporting ACE" to accurately reflect current terminology. Eliminated the word "equation" for consistency and eliminated the parenthetical which has no known application.

Term	Acronym	Definition	Standard / Definition affected	Notes
Frequency Bias Setting	<u>FBS</u>	<p><b>Current definition:</b>  <b>In effect until Month xx, 20xx:</b></p> <p>A number, either fixed or variable, usually expressed in MW/0.1 Hz, included in a Balancing Authority's Area Control Error equation to account for the Balancing Authority's inverse Frequency Response contribution to the Interconnection, and discourage response withdrawal through secondary control systems.</p> <p><b>New definition:</b>  <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b></p> <p>A <u>negative</u> number, either fixed or variable, <del>usually</del> expressed in MW/0.1 Hz, included in a Balancing Authority's <del>Area Control Error</del><u>Reporting ACE</u> equation to account for the Balancing Authority's <del>inverse</del> Frequency Response <del>contribution</del> to the Interconnection <u>Frequency Error</u>, and discourage response withdrawal through secondary control systems.</p> <p><b>(Réglage de la compensation en fréquence)</b></p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>	<p><b>Standards</b></p> <ul style="list-style-type: none"> <li>BAL-001-2</li> <li>BAL-003-2</li> </ul> <p><b>Term</b> Reporting ACE</p>	Added language to indicate this value must be a negative number and eliminated language to was not accepted in practice (usually). Update to the NERC defined term "Reporting ACE" to accurately reflect current terminology.
Frequency Error		<p><b>Current definition:</b>  <b>In effect until Month xx, 20xx:</b></p> <p>The difference between the actual and scheduled frequency. (<math>F_A - F_S</math>)</p> <p><b>New definition:</b>  <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b></p> <p>The difference between the <del>actual</del><u>Actual Frequency</u> and <del>the scheduled</del><u>Scheduled frequency</u>Frequency. (<math>F_A - F_S</math>)</p> <p><b>(Écart de fréquence)</b></p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>	<p><b>Standards</b> BAL-001-2 MOD-027-1</p> <p><b>Terms</b></p> <ul style="list-style-type: none"> <li>Control Performance Standard</li> <li>Reporting ACE</li> <li>Frequency Regulation;</li> <li>Reporting ACE</li> <li>Time Error Correction</li> </ul>	

Term	Acronym	Definition	Standard / Definition affected	Notes
Inadvertent Interchange		<p><b>Current definition:</b>  <b>In effect until Month xx, 20xx</b>  The difference between the Balancing Authority's Net Actual Interchange and Net Scheduled Interchange.  <math>(I_A - I_S)</math>.</p> <p><b>New definition:</b>  <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b>  The difference between the Balancing Authority's <del>Net</del> Actual <u>Net</u> Interchange and <del>Net</del> Scheduled <u>Net</u> Interchange.  <math>(N_{IA} - N_{IS})</math>.  <b>(Échange involontaire)</b></p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>	<p><b>Standards</b>  BAL-004-WECC-3</p> <p><b>Terms</b></p> <ul style="list-style-type: none"> <li>Automatic Time Error Correction (IATEC)</li> <li>Dynamic Transfer</li> <li>Primary Inadvertent Interchange (WECC)</li> </ul>	Updated to correct NERC defined terms and correct acronyms.
Interchange Meter Error	(IME)	<p><b>Current definition:</b>  <b>In effect until Month xx, 20xx</b>  A term used in the Reporting ACE calculation to compensate for data or equipment errors affecting any other components of the Reporting ACE calculation.</p> <p><b>New definition:</b>  <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b>  A term used in <del>the</del> Reporting ACE <del>calculation</del> to compensate for data or equipment errors affecting any other components of <del>the</del> Reporting ACE <del>calculation</del>.  <b>(Erreur de comptage d'échange)</b></p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>	<p><b>Standards</b>  None</p> <p><b>Terms</b>  Reporting ACE</p>	Eliminated the word "calculation" for consistency
Implemented Interchange		<p><b>Current definition:</b>  <b>In effect until Month xx, 20xx</b>  The state where the Balancing Authority enters the Confirmed Interchange into its Area Control Error equation.</p> <p><b>New definition:</b>  <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b></p>	<p><b>Standards</b>  None</p> <p><b>Terms</b></p> <ul style="list-style-type: none"> <li>Reliability Adjustment</li> <li>Arranged Interchange</li> </ul>	Update to the NERC defined term "Reporting ACE" to accurately reflect current terminology.

Term	Acronym	Definition	Standard / Definition affected	Notes
		<p>The state where the Balancing Authority enters the Confirmed Interchange into its <del>Area Control Error equation</del> <u>Reporting ACE</u>.</p> <p><b>(Échange mis en oeuvre)</b></p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>		
Operating Reserve – Spinning		<p><b>Current definition:</b>  <b>In effect until Month xx, 20xx</b>  The portion of Operating Reserve consisting of:</p> <ul style="list-style-type: none"> <li>• Generation synchronized to the system and fully available to serve load within the Disturbance Recovery Period following the contingency event; or</li> <li>• Load fully removable from the system within the Disturbance Recovery Period following the contingency event.</li> </ul> <p><b>New definition:</b>  <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b>  The portion of Operating Reserve consisting of:</p> <ul style="list-style-type: none"> <li>• Generation synchronized to the system and fully available to serve load within the Disturbance <del>r</del>Recovery <del>p</del>Period following the contingency event; or</li> <li>• Load fully removable from the system within the Disturbance <del>r</del>Recovery <del>p</del>Period following the contingency event.</li> </ul> <p><b>(Réserve d'exploitation synchronisée)</b></p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>	<p><b>Standards</b>  BAL-002-WECC-3</p> <p><b>Terms</b>  None</p>	Utilized proper capitalization on terms that are not NERC defined.
Operating Reserve – Supplemental		<p><b>Current definition:</b>  <b>In effect until Month xx, 20xx</b>  The portion of Operating Reserve consisting of:</p>	<p><b>Standards</b>  BAL-002-WECC-3</p>	Utilized proper capitalization on terms that are

Term	Acronym	Definition	Standard / Definition affected	Notes
		<ul style="list-style-type: none"> <li>• Generation (synchronized or capable of being synchronized to the system) that is fully available to serve load within the Disturbance Recovery Period following the contingency event; or</li> <li>• Load fully removable from the system within the Disturbance Recovery Period following the contingency event.</li> <li>•</li> </ul> <p><b>New definition:</b>  <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b>  The portion of Operating Reserve consisting of:</p> <ul style="list-style-type: none"> <li>• Generation (synchronized or capable of being synchronized to the system) that is fully available to serve load within the Disturbance <del>r</del>Recovery <del>p</del>Period following the contingency event; or</li> <li>• Load fully removable from the system within the Disturbance <del>r</del>Recovery <del>p</del>Period following the contingency event.</li> </ul> <p><b>(Réserve d'exploitation supplémentaire)</b>  Source : Glossary of Terms Used in NERC Reliability Standards</p>	<b>Terms</b> None	not NERC defined.
Overlap Regulation Service		<p><b>Current definition:</b>  <b>In effect until Month xx, 20xx</b></p> <p>A method of providing regulation service in which the Balancing Authority providing the regulation service incorporates another Balancing Authority's actual interchange, frequency response, and schedules into providing Balancing Authority's AGC/ACE equation.</p>	<p><b>Standards</b>  BAL-001-2  BAL-003-2</p> <p><b>Terms</b>  None</p>	Update to the NERC defined term "Reporting ACE", "Actual Net Interchange", "Scheduled Net Interchange" and "response to Interconnection Frequency Error", to accurately reflect

Term	Acronym	Definition	Standard / Definition affected	Notes
		<p><b>New definition:</b>  <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b>  A method of providing <del>R</del>egulation <del>S</del>ervice in which the Balancing Authority providing the <del>R</del>egulation <del>s</del>Service incorporates <del>into its another</del> Reporting ACE a receiving Balancing Authority's <del>A</del>actual <del>Net I</del>nterchange, <del>frequency response</del>, and <del>S</del>chedules Net Interchange and response to Interconnection Frequency Error. <del>into providing Balancing Authority's AGC/ACE equation.</del></p> <p><b>(Service étendu de regulation)</b></p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>		current terminology.
Pseudo-Tie		<p><b>Current definition:</b>  <b>In effect until Month xx, 20xx</b>  A time-varying energy transfer that is updated in Real-time and included in the Actual Net Interchange term (NIA) in the same manner as a Tie Line in the affected Balancing Authorities' control ACE equations (or alternate control processes).</p> <p><b>New definition:</b>  <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b>  A time-varying energy transfer that is updated in Real-time and included in the Actual Net Interchange term (NIA) in the same manner as a Tie Line in the affected Balancing Authorities' <del>control</del> Reporting ACE <del>equations (or alternate control processes).</del></p> <p><b>(Pseudo-interconnexion)</b></p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>	<p><b>Standards</b></p> <ul style="list-style-type: none"> <li>BAL-005-1</li> <li>BAL-002-WECC-3</li> <li>INT-009-3</li> </ul> <p><b>Terms</b>  Actual Net Interchange</p>	Eliminated the word "equation" for consistency and eliminated the parenthetical which has no known application.
Ramp Rate or Ramp		<p><b>Current definition:</b>  <b>In effect until Month xx, 20xx</b></p>	<p><b>Standards</b>  None</p> <p><b>Terms</b></p>	Capitalized NERC defined terms within the definition.

Term	Acronym	Definition	Standard / Definition affected	Notes
		<p>(Schedule) The rate, expressed in megawatts per minute, at which the interchange schedule is attained during the ramp period.</p> <p>(Generator) The rate, expressed in megawatts per minute, that a generator changes its output.</p> <p><b>New definition:</b>  <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b>  (Schedule) The rate, expressed in megawatts per minute, at which the <del>Interchange</del> <del>S</del>chedule is attained during the ramp period.  (Generator) The rate, expressed in megawatts per minute, that a generator changes its output.</p> <p><b>(Taux de rampe)</b></p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>	Response Rate	
Regulation Service		<p><b>Current definition:</b>  <b>In effect until Month xx, 20xx</b>  The process whereby one Balancing Authority contracts to provide corrective response to all or a portion of the ACE of another Balancing Authority. The Balancing Authority providing the response assumes the obligation of meeting all applicable control criteria as specified by NERC for itself and the Balancing Authority for which it is providing the Regulation Service.</p> <p><b>New definition:</b>  <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b>  The process whereby one Balancing Authority contracts to provide corrective response to all or a portion of the <del>Reporting</del> ACE of another Balancing Authority. The Balancing Authority</p>	<p><b>Standards</b>  BAL-001-2  BAL-003-2</p> <p><b>Terms</b></p> <ul style="list-style-type: none"> <li>• Overlap Regulation Service</li> <li>• Supplemental Regulation Service</li> </ul>	



Term	Acronym	Definition	Standard / Definition affected	Notes
		<p>providing the response assumes the obligation of meeting all applicable control criteria as specified by NERC for itself and the Balancing Authority for which it is providing the <u>Regulation Service</u> <u>corrective response</u>.</p> <p><b>(Service de regulation)</b></p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>		
Reporting Area Control Error – (Reporting ACE)		<p><b>Current definition:</b> <b>In effect until Month xx, 20xx</b></p> <p>The scan rate values of a Balancing Authority Area's (BAA) Area Control Error (ACE) measured in MW includes the difference between the Balancing Authority Area's Actual Net Interchange and its Schedule Net Interchange, plus its Frequency Bias Setting obligation, plus correction for any known meter error. In the Western Interconnection, Reporting ACE includes Automatic Time Error Correction (A<sub>TEC</sub>).</p> <p>Reporting ACE is calculated as follows: Reporting ACE = (N<sub>I</sub>A – N<sub>I</sub>S) – 10B (F<sub>A</sub> – F<sub>S</sub>) – I<sub>ME</sub></p> <p>Reporting ACE is calculated in the Western Interconnection as follows: Reporting ACE = (N<sub>I</sub>A – N<sub>I</sub>S) – 10B (F<sub>A</sub> – F<sub>S</sub>) – I<sub>ME</sub> + I<sub>ATEC</sub></p> <p>Where:</p> <ul style="list-style-type: none"> <li>• N<sub>I</sub>A = Actual Net Interchange.</li> <li>• N<sub>I</sub>S = Scheduled Net Interchange.</li> <li>• B = Frequency Bias Setting.</li> <li>• F<sub>A</sub> = Actual Frequency.</li> <li>• F<sub>S</sub> = Scheduled Frequency.</li> <li>• I<sub>ME</sub> = Interchange Meter Error.</li> <li>• I<sub>ATEC</sub> = Automatic Time Error Correction.</li> </ul> <p>All NERC Interconnections operate using the principles of Tie-line Bias (TLB) Control and require the use of an</p>	<p><b>Standards</b></p> <ul style="list-style-type: none"> <li>• BAL-001-2</li> <li>• BAL-002-3</li> <li>• BAL-005-1</li> </ul> <p><b>Terms</b></p> <ul style="list-style-type: none"> <li>• Automatic Generation Control</li> <li>• Interchange Meter Error (I<sub>ME</sub>)</li> <li>• Pre-Reporting Contingency Event ACE Value</li> <li>• Pseudo-tie</li> </ul>	Modified to reflect a common term across all multiple BA interconnections. This change will allow regions to create methodologies to control inadvertent Interchange accumulations.

Term	Acronym	Definition	Standard / Definition affected	Notes
		<p>ACE equation similar to the Reporting ACE defined above. Any modification(s) to this specified Reporting ACE equation that is(are) implemented for all BAAs on an Interconnection and is(are) consistent with the following four principles of Tie Line Bias control will provide a valid alternative to this Reporting ACE equation:</p> <ol style="list-style-type: none"> <li>1. All portions of the Interconnection are included in exactly one BAA so that the sum of all BAAs' generation, load, and loss is the same as total Interconnection generation, load, and loss;</li> <li>2. The algebraic sum of all BAAs' Scheduled Net Interchange is equal to zero at all times and the sum of all BAAs' Actual Net Interchange values is equal to zero at all times;</li> <li>3. The use of a common Scheduled Frequency <math>F_s</math> for all BAAs at all times; and,</li> <li>4. Excludes metering or computational errors. (The inclusion and use of the <math>I_{ME}</math> term corrects for known metering or computational errors.)</li> </ol> <p><b>New definition: Effective on Month xx, 20xx (12 months after the adoption of the definition):</b></p> <p>The scan rate values of a Balancing Authority Area's <del>(BAA)</del> Area Control Error (ACE) measured in MW, <u>which includes the error in scheduled interchange adjusted for Frequency Bias obligation, known meter error and inadvertent management.</u> <del>includes the difference between the Balancing Authority Area's Actual Net Interchange and its Schedule Net Interchange, plus</del></p>		

Term	Acronym	Definition	Standard / Definition affected	Notes
		<p><del>its Frequency Bias Setting obligation, plus correction for any known meter error. In the Western Interconnection, Reporting ACE includes Automatic Time Error Correction (A<sub>TEC</sub>).</del></p> <p>Reporting ACE is calculated as follows:  <del>Reporting ACE = (NI<sub>A</sub> - NI<sub>S</sub>) - 10B (F<sub>A</sub> - F<sub>S</sub>) - I<sub>ME</sub></del></p> <p><del>Reporting ACE is calculated in the Western Interconnection as follows:</del></p> <p>Reporting ACE = (NI<sub>A</sub> - NI<sub>S</sub>) - 10B (F<sub>A</sub> - F<sub>S</sub>) - I<sub>ME</sub> + <u>I<sub>ATEC LIM</sub></u></p> <p>Where:</p> <ul style="list-style-type: none"> <li>• NI<sub>A</sub> = Actual Net Interchange.</li> <li>• NI<sub>S</sub> = Scheduled Net Interchange.</li> <li>• B = Frequency Bias Setting.</li> <li>• F<sub>A</sub> = Actual Frequency.</li> <li>• F<sub>S</sub> = Scheduled Frequency.</li> <li>• I<sub>ME</sub> = Interchange Meter Error.</li> <li>• <u>I<sub>ATEC LIM</sub></u> = <del>Automatic Time Error Correction</del><u>Inadvertent Interchange Management. (Term is expressed if a regional procedure exists, otherwise is null and is not included in the Balancing Authority's Reporting ACE).</u></li> </ul> <ul style="list-style-type: none"> <li>• <u>In the Western Interconnection this term is I<sub>ATEC</sub>.</u></li> </ul> <p>All NERC Interconnections operate using the principles of Tie-<u>L</u>ine Bias (TLB) <del>c</del>Control and require the use of an ACE equation similar to the Reporting ACE defined above. Any modification(s) to this specified Reporting ACE <del>equation</del> that is(are) implemented for all BAAs <del>on in</del> an Interconnection and is(are) consistent with the following four principles of Tie Line Bias control will provide a valid alternative to this Reporting ACE equation:</p> <ol style="list-style-type: none"> <li>1. Each individual portions of the Interconnection <del>are is</del> included in exactly one BAA so that the sum of</li> </ol>		

Term	Acronym	Definition	Standard / Definition affected	Notes
		<p>all BAAs' generation, <u>L</u>oad, and losses is the same as total Interconnection generation, <u>L</u>-load, and losses;</p> <p>2. The algebraic sum of all BAAs' Scheduled Net Interchange is equal to zero at all times and the sum of all BAAs' Actual Net Interchange values is equal to zero at all times. <u>This includes effects of ACE Diversity Interchange (ADI) implementations;</u></p> <p>3. The use of a common Scheduled Frequency <math>F_s</math> for all BAAs at all times; and,</p> <p>4. Excludes metering or computational errors. (The inclusion and use of the <math>I_{ME}</math> term corrects for known metering or computational errors.)</p> <p><b>(ACE déclaré)</b></p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>		
Reportable Balancing Contingency Event	<u>RBCE</u>	<p><b>Current definition:</b> <b>In effect until Month xx, 20xx</b></p> <p>Any Balancing Contingency Event occurring within a one-minute interval of an initial sudden decline in ACE based on EMS scan rate data that results in a loss of MW output less than or equal to the Most Severe Single Contingency, and greater than or equal to the lesser amount of: (i) 80% of the Most Severe Single Contingency, or (ii) the amount listed below for the applicable Interconnection. Prior to any given calendar quarter, the 80% threshold may be reduced by the responsible entity upon written notification to the Regional Entity.</p> <ul style="list-style-type: none"> <li>Eastern Interconnection – 900 MW</li> </ul>	<p><b>Standards</b> BAL-002-3</p> <p><b>Terms</b> Contingency Event Recovery Period</p>	Update to the NERC defined term "Reporting ACE" to accurately reflect current terminology. Moved note on modification of 80% threshold for readability.

Term	Acronym	Definition	Standard / Definition affected	Notes
		<ul style="list-style-type: none"> <li>Western Interconnection – 500 MW</li> <li>ERCOT – 800 MW</li> <li>Quebec – 500 MW</li> </ul> <p><b>New definition:</b>  <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b></p> <p>Any Balancing Contingency Event occurring within a one-minute interval of an initial sudden decline in <u>the responsible entity's Reporting ACE based on EMS scan rate data</u> that results in a loss of MW output less than or equal to the Most Severe Single Contingency (<u>MSSC</u>), and greater than or equal to the lesser amount of:</p> <p>(i) <u>80% of the its Most Severe Single Contingency MSSC. Prior to any given calendar quarter, the 90% threshold may be reduced by the responsible entity upon written notification to its Regional Entity, or</u></p> <p>(ii) the amount listed below for the applicable Interconnection. <u>Prior to any given calendar quarter, the 80% threshold may be reduced by the responsible entity upon written notification to the Regional Entity.</u></p> <ul style="list-style-type: none"> <li>Eastern Interconnection – 900 MW</li> <li>Western Interconnection – 500 MW</li> <li>ERCOT – 800 MW</li> <li>Quebec – 500 MW</li> </ul> <p><b>(Contingence d'équilibrage à déclarer)</b></p>		

Term	Acronym	Definition	Standard / Definition affected	Notes
		Source : Glossary of Terms Used in NERC Reliability Standards		
Reserve Sharing Group	<u>RSG</u>	<p><b>Current definition:</b>  <b>In effect until Month xx, 20xx</b></p> <p>A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g., ten minutes). If the transaction is ramped in quicker (e.g., between zero and ten minutes) then, for the purposes of disturbance control performance, the areas become a Reserve Sharing Group.</p> <p><b>New definition:</b>  <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b></p> <p>A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply <del>O</del>perating <del>R</del>eserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g., ten minutes). If the transaction is ramped in <u>more quicker-quicker</u> (e.g., between zero and</p>	<p><b>Standards</b></p> <ul style="list-style-type: none"> <li>• PRC-005-6</li> <li>• BAL-001-2</li> <li>• BAL-002-3</li> <li>• BAL-002-WECC</li> </ul> <p><b>Terms</b></p> <ul style="list-style-type: none"> <li>• Reserve Sharing Group Reporting ACE</li> </ul>	Update to the NERC defined term "Operating Reserves" to accurately reflect current terminology. Replaced "disturbance control performance" with "Balancing Contingency Event" to accurately reflect changes to BAL-002-3 terminology.

Term	Acronym	Definition	Standard / Definition affected	Notes
		<p>ten minutes) then, for the purposes of <u>recovery from a Reportable Balancing Contingency Event</u><del>disturbance control performance</del>, the areas become a Reserve Sharing Group.</p> <p><b>(Groupe de partage des réserves)</b></p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>		
Reserve Sharing Group Reporting ACE		<p><b>Current definition:</b> <b>In effect until Month xx, 20xx</b></p> <p>At any given time of measurement for the applicable Reserve Sharing Group (RSG), the algebraic sum of the ACEs (or equivalent as calculated at such time of measurement) of the Balancing Authorities participating in the RSG at the time of measurement.</p> <p><b>New definition:</b> <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b></p> <p>At any given time of measurement for the applicable Reserve Sharing Group (RSG), the algebraic sum of the <u>Reporting</u> ACEs (or equivalent as calculated at such time of measurement) of the Balancing Authorities participating in the RSG at the time of measurement.</p> <p><b>(ACE déclaré de groupe de partage de réserve réglante) ou (ACE déclaré de groupe de partage des réserves)</b></p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>	<p><b>Standards</b> BAL-001-2</p> <p><b>Terms</b> None</p>	Edited to accurately require a Reserve Sharing Group's Reporting ACE to use the sum of the Balancing Authorities Reporting ACE.
Scheduled Frequency		<p><b>Current definition:</b> <b>In effect until Month xx, 20xx</b></p> <p>60.0 Hertz, except during a time correction.</p> <p><b>New definition:</b> <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b></p>	<p><b>Standards</b></p> <ul style="list-style-type: none"> <li>BAL-001-2</li> <li>MOD-027-1</li> </ul> <p><b>Terms</b></p> <ul style="list-style-type: none"> <li>Frequency Regulation</li> <li>Reporting ACE</li> <li>Time Error Correction</li> </ul>	Added resolution to the term as Time Error corrections are normally performed in +/- .02 Hz increments. Also capitalized terms that are NERC

Term	Acronym	Definition	Standard / Definition affected	Notes
		<p>60.00 Hertz, except during a <u>Time Error</u> <u>Correction</u>.</p> <p><b>(Fréquence programmée)</b></p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>		defined glossary terms.
Scheduled Net Interchange	<u>NIs</u>	<p><b>Current definition:</b> <b>In effect until Month xx, 20xx</b></p> <p>The algebraic sum of all scheduled megawatt transfers, including Dynamic Schedules, to and from all Adjacent Balancing Authority areas within the same Interconnection, including the effect of scheduled ramps. Scheduled megawatt transfers on asynchronous DC tie lines directly connected to another Interconnection are excluded from Scheduled Net Interchange.</p> <p><b>New definition:</b> <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b></p> <p>The algebraic sum of all scheduled megawatt transfers, including Dynamic Schedules, to and from all Adjacent Balancing Authority areas within the same Interconnection, including the effect of scheduled ramps. Scheduled megawatt transfers on asynchronous DC tie lines directly connected to another Interconnection are excluded from Scheduled Net Interchange.</p> <p><b>(Échange net programmé)</b></p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>	<p><b>Normes</b> Aucune</p> <p><b>Terms</b> Reporting ACE</p>	Added acronym
Supplemental Regulation Service		<p><b>Current definition:</b> <b>In effect until Month xx, 20xx</b></p> <p>A method of providing regulation service in which the Balancing Authority providing the regulation service receives a signal representing all or a portion of the other Balancing Authority's ACE.</p> <p><b>New definition:</b></p>	<p><b>Normes</b> None</p> <p><b>Termes</b> None</p>	Update to the NERC defined term "Reporting ACE" to accurately reflect current terminology.



Term	Acronym	Definition	Standard / Definition affected	Notes
		<p><b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b></p> <p>A method of providing <del>R</del>egulation <del>S</del>ervice in which the Balancing Authority providing the <del>R</del>egulation <del>S</del>ervice receives a signal representing all or a portion of the other Balancing Authority's <del>R</del>eporting ACE.</p> <p><b>(Service supplémentaire de regulation)</b></p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>		
Tie Line Bias	<del>TLB</del>	<p><b>Current definition:</b> <b>In effect until Month xx, 20xx</b></p> <p>A mode of Automatic Generation Control that allows the Balancing Authority to 1.) maintain its Interchange Schedule and 2.) respond to Interconnection frequency error.</p> <p><b>New definition:</b> <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b></p> <p>A mode of Automatic Generation Control that allows the Balancing Authority to 1.) maintain its Interchange Schedule and 2.) respond to Interconnection <del>F</del>requency <del>E</del>rror.</p> <p><b>(Conditionnement par ligne d'interconnexion)</b></p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>	<p><b>Standards</b> BAL-004-WECC-3</p> <p><b>Terms</b> Reporting ACE</p>	Added acronym and capitalized defined terms.
Time Error	<del>TE</del>	<p><b>Current definition:</b> <b>In effect until Month xx, 20xx</b></p> <p>The difference between the Interconnection time measured at the Balancing Authority(ies) and the time specified by the National Institute of Standards and Technology. Time error is caused by the accumulation of Frequency Error over a given period.</p>	<p><b>Standards</b> None</p> <p><b>Terms</b></p> <ul style="list-style-type: none"> <li>Automatic Time Error</li> <li>Time Error Correction</li> </ul>	Added acronym commonly used and minor grammatical change to definition.

Term	Acronym	Definition	Standard / Definition affected	Notes
		<p><b>New definition:</b>  <b>Effective on Month xx, 20xx (12 months after the adoption of the definition):</b></p> <p>The difference between the Interconnection time measured at the Balancing Authority(ies) and the time specified by the National Institute of Standards and Technology. <del>Time error</del><u>The difference</u> is caused by the accumulation of Frequency Error over a given period.  <b>(Écart de temps)</b></p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>		
Time Error Correction	<u>TEC</u>	<p>Term retired in filing R-4104-2019<sup>2</sup></p> <p><b>(Correction de l'écart du temps)</b></p>	<p><b>Standards</b>  BAL-004-WECC-3</p> <p><b>Terms</b></p> <ul style="list-style-type: none"> <li>Automatic Time Error Correction</li> <li>Scheduled Frequency</li> </ul>	

### 2.3. Retirement of definitions

Furthermore, the Coordinator proposes the retirement of these four (4) terms:

Term	Acronym	Definition	Standard affected
Disturbance Control Standard	DCS	<p><b>Retirement of definition effective on Month xx, 20xx (12 months after the adoption of the definition):</b></p> <p>The reliability standard that sets the time limit following a Disturbance within which a Balancing Authority must return its Area Control Error to within a specified range.  <b>(Norme de contrôle en régime perturbé)</b></p> <p>Source: Glossary of Terms Used in NERC Reliability Standards</p>	BAL-002-3
Net Scheduled Interchange		<p><b>Retirement of definition effective on Month xx, 20xx (12 months after the adoption of the definition):</b></p>	None, term is no longer utilized.

<sup>2</sup> Docket R-4104-2019, evidence [B-0014](#) (in French only).

Term	Acronym	Definition	Standard affected
		The algebraic sum of all Interchange Schedules across a given path or between Balancing Authorities for a given period or instant in time. <b>(Échange programmé net)</b>	
Reportable Disturbance		<b>Retirement of definition effective on Month xx, 20xx (12 months after the adoption of the definition):</b> Any event that causes an ACE change greater than or equal to 80% of a Balancing Authority's or reserve sharing group's most severe contingency. The definition of a reportable disturbance is specified by each Regional Reliability Organization. This definition may not be retroactively adjusted in response to observed performance. <b>(Perturbation à déclarer)</b> <small>Source: Glossary of Terms Used in NERC Reliability Standards</small>	CIP-002-5.1 (outdated reference in Guidelines and Technical Basis)
Scheduled Net Interchange		<b>Retirement of definition effective on Month xx, 20xx (12 months after the adoption of the definition):</b> The algebraic sum of all scheduled megawatt transfers, including Dynamic Schedules, to and from all Adjacent Balancing Authority areas within the same Interconnection, including the effect of scheduled ramps. Scheduled megawatt transfers on asynchronous DC tie lines directly connected to another Interconnection are excluded from Scheduled Net Interchange. <b>(Échange net programmé)</b> <small>Source: Glossary of Terms Used in NERC Reliability Standards</small>	None, term is no longer utilized.

## 2.4. Consistent use of the translation of the term “distributed relay” in the French Glossary

The Coordinator has noticed an inconsistent use of the translation of the word “distributed relay” used in the French version of the defined terms “Programme de DST” (Undervoltage Load Shedding Program) and “Automatisme de réseau” (Remedial Action Scheme). This terminology is found in the PRC-010-2 and PRC-012-2 standards that are in effect in Québec.

The Coordinator proposes modifying the definition of the term “Programme de DST” to use the term “relais dispenses” instead of “relais répartis”. This change has no effects on the English version of the Glossary.