



Electric Reliability and Security for the West

WECC Criterion  
INT-009-WECC-CRT-3.1

## Introduction

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1. **Title:** Capacity e-Tag Functionality
2. **Number:** INT-009-WECC-CRT-3.1
3. **Purpose:** To define the functionality of a capacity type e-Tag transaction by creating a uniform set of capacity type e-Tag criteria for use with on-demand Spinning and Non-Spinning resources.
4. **Applicability:**
  - 4.1. **Functional Entities:**
    - 4.1.1. Any NAESB<sup>1</sup> Registered Entity (NRE)<sup>2</sup> that creates an e-Tag by submitting a Request for Interchange (RFI), (such as a Purchasing-Selling Entity, Load-Serving Entity, Generating-Serving Entity, or Balancing Authority).
    - 4.1.2. Balancing Authority
5. **Effective Date:** December 3, 2019

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<sup>1</sup> North American Energy Standards Board

<sup>2</sup> The term “NRE” refers to entities registered in the NAESB Electronic Industry Registry (EIR).

## Requirements and Measures

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- WR1.** Each NRE (Tag Author) submitting an RFI for on-demand Spinning and Non-Spinning Reserve transactions shall specify each of the following:
- 1) Transaction type set to “capacity”;
  - 2) Energy product type set to either “C-SP” for Spinning Reserves or “C-NS” for Non-Spinning Reserves;
  - 3) Market Level profile set to any value between zero and the transmission allocation profile; and
  - 4) Transmission allocation profile set to the maximum amount of energy that can be delivered on the transaction.
- WM1.** Each NRE will have evidence its RFIs met the criteria required in WR1. Evidence may include, but is not limited to, production of a capacity type e-Tag showing its status as having been implemented, in accordance with WR1.
- WR2.** Each Source Balancing Authority and each Sink Balancing Authority shall account for capacity reserves by using the difference between the Current Level profile and the lower of either the transmission allocation profile or the reliability limit profile.
- WM2.** Each Source Balancing Authority and each Sink Balancing Authority will have evidence that it accounted for reserves in the manner required in WR2. Evidence may include, but is not limited to, production of a capacity type e-Tag, impacting reserve accounting, showing its status as having been implemented, in accordance with WR2.
- WR3.** Each Sink Balancing Authority shall activate capacity reserves through the NRE (Tag Author) submitting a WECC capacity e-Tag, Market Level profile adjustment request with either a default start time ramp duration of zero or with a start time ramp duration that is agreed upon by all parties.
- WM3.** Each Sink Balancing Authority will have evidence that it activated capacity reserves using the prescribed method in WR3. Evidence may include, but is not limited to, production of an e-Tag adjustment indicating the activation of capacity reserves, the status of which shows the e-Tag has been implemented, in accordance with WR3.
- WR4.** Each Sink Balancing Authority shall activate capacity reserves through the NRE (Tag Author) submitting a WECC capacity e-Tag, Market Level profile adjustment request with a start time no more than 10 minutes prior to the submittal time.

- WM4.** Each Sink Balancing Authority will have evidence that, when activating capacity reserves, the WR4 criteria was used. Evidence may include, but is not limited to, production of the e-Tag reflecting activation of capacity reserves no more than 10 minutes prior to the submittal time, in accordance with WR4.
- WR5.** Each Source and each Sink Balancing Authority shall approve all WECC capacity e-Tag, Market-Level-only profile adjustment requests unless the adjustment exceeds the transmission allocation profile.
- WM5.** Each Source and each Sink Balancing Authority will have evidence that it approved its WECC capacity e-Tag, Market-Level-only profile adjustment requests, as required in WR5. Evidence may include, but is not limited to, production of an e-Tag showing the e-Tag was approved and implemented, in accordance with WR5.

## Version History

Version	Date	Action	Change Tracking
1	March 6, 2008	WECC Operating Committee Approved	Initial Version
1	May 20, 2008	Clarification	WR4—clarified responsible party for identifying the Energy Product Code. WR5.1 changed to further clarify the intent of adjustments versus curtailments. WR5.2, the full convention naming of LSE with hyphen was inserted for clarity.
1	August 31, 2009	Converted INT-BPS-009-1 into Regional Criterion format.	Format change
2	September 5, 2012	WECC Board of Directors changed designation from “CRT” to “RBP.”	Designation change
2	March 13, 2013	WECC Board of Directors Approved	Developed as WECC-0078. Newly drafted under INT Rewrite Project
2	June 25, 2014	WECC Board of Directors changed designation from “RBP” to “CRT.”	Designation change
2.1	January 28, 2016	Errata	In the Applicability section, plurals were changed to singular.
2.1	April 1, 2016	No Change	Converted to new template
3	March 6, 2019	WECC Board of Directors Approved	Developed as WECC-0133. Converted to newest template.  This project is the result of a five-year review making the following changes: 1) the Purchasing-Selling Entity was replaced with a newly created applicable entity, “Any NAESB Registered Entity (NRE),” 2) Measures were conformed to current drafting conventions, 3) the Rationale section was updated to explain why the NRE was introduced and how proper nouns were used, 4) Version History syntax was corrected.
3.1	December 3, 2019	Errata	Footnote one was added stating, “The term “NRE” refers to entities registered in the NAESB Electronic Industry registry (EIR).”

### Disclaimer

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## Attachments

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### Attachment A

Not Used



## Rationale

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### Use of Capitalized Terms

This document addresses RFIs. In general, the detailed specifications for creation and treatment of RFIs is addressed by NAESB within the e-Tag specification or its successor. Numerous proper nouns are used in the NAESB e-Tag specification. This document recognizes the following proper nouns and does not address the definitions of those terms:

- Tag Author
- Current Level

### Applicable Entity

In this version of the WECC Criterion, the NRE has replaced the Purchasing-Selling Entity (PSE) used in the previous version. The Applicable Entity section now reads:

#### 4.1 Functional Entities:

**4.1.1** Any NAESB<sup>3</sup> Registered Entity (NRE) that creates an e-Tag by submitting a Request for Interchange (RFI), (such as a Purchasing-Selling Entity, Load-Serving Entity, Generating-Serving Entity, or Balancing Authority).

**4.1.2** Balancing Authority

Replacement of the PSE ensures an open and transparent standards/criteria process.

In 2017, WECC adopted the identical voting segments used by the North America Electricity Reliability Corporation (NERC). As a result, within NERC and WECC, the PSE is no longer recognized as a voting entity. If the PSE had been retained in this iterative document, the PSE would be required to perform the specified tasks without having the right to vote on those tasks. To remedy that concern, the tasks previously assigned to the PSE have been reassigned to the NRE. By using the NRE, the Applicability section assigns tasks to those entities commonly referred to as Tag Authors within NAESB, while retaining the right to vote by those entities within WECC.

### Requirements

WR1 allows the NRE, such as the Purchasing-Selling Entity, to show where spinning and non-spinning reserves are being held.

WR2 addresses how to account for e-Tag reserve components. WR2 is not a mandate prescribing how to calculate reserves.

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<sup>3</sup> North American Energy Standards Board



The Current Level referenced in WR2 should not exceed the most limiting reliability event. This ensures that, once an e-Tag is reloaded by one entity, another entity such as a Balancing Authority or Transmission Service Provider does not need to initiate a curtailment to reset the reliability limit.

WR3 through WR5 outline how capacity reserves are activated and approved through an e-Tag adjustment.

The reference to “all” transactions in WR5 highlights inclusion of both inter- and intra-hour transactions.

