

## Introduction

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1. **Title:** Western Interconnection (WI) e-Tag Energy Product Codes
2. **Number:** INT-018-WECC-CRT-3
3. **Purpose:** To identify specific e-Tag product codes used in the WI
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).
5. **Document Specific Definitions:**
  - 5.1. See Attachment A – Energy Product Codes.
6. **Effective Date:** March 7, 2023

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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 electronic tag (e-Tag) within the WI shall use one of the following energy product codes in the first segment of the market path to describe the energy transaction type. (See Attachment A – Energy Product Codes.)

- G-F: Firm Energy
- G-NF: Non-firm Energy
- G-FC: Firm Contingent
- G-FP: Firm Provisional Energy
- G-F1: Hourly Firm Energy
- G-EX: Exchange of Firm Energy
- C-SP: Capacity for Spinning Reserve
- C-NS: Capacity for Non-Spinning Reserve
- C-RE: Capacity Associated with Energy Recallable for Reserves

**WM1.** Each NRE (Tag Author) that authors an e-Tag within the WI will have evidence that it used the energy product codes in the first segment of the market path to describe the energy transaction type, as defined in Attachment A – Energy Product Codes.



## Version History

Version	Date	Action	Change Tracking
0	August 3, 2007	Initial version	Initial version
0	November 16, 2007	Market Interface Committee Approved	Initial version
0	December 6, 2007	WECC Board of Directors Approved	Initial version
0	January 22, 2008	Designation change	Designation changed from INT-BPS— WECC-004-0 to INT-BPS-018-0.
0	September 5, 2012	WECC Board of Directors Approved	Designation changed from “CRT” to “RBP.”
0	June 25, 2014	WECC Board of Directors Approved	Designation changed from “RBP” to “CRT.”
1	September 18, 2014	WECC Board of Directors Approved	Developed as WECC-0106. Defined terms moved to the glossary. Language updated to Version 1 styles. The word “accurately” was removed from WECC Requirement WR1. To be effective the first day of the second quarter after approval.
1.1	March 10, 2015	Errata	“WECC Glossary for Criteria and WECC Regional Business Practices and Naming Convention” corrected to “WECC Glossary for Terms and Naming Conventions.”
1.2	January 28, 2016	Errata	The phrase “WECC Glossary <i>for</i> Terms and Naming Conventions” changed to “WECC Glossary <i>of</i> Terms and Naming Conventions” to match the name of the glossary. (emphasis added) The letter “W” was added in front of R1 in the Measure for WECC Requirement WR1.
1.2	April 1, 2016	No Change	Converted to new template
1.3	June 18, 2019	Errata	Converted to newest template. Measure M1, “shall” changed to “will.”
2	December 4, 2019	WECC Board of Directors Approved	Developed as WECC-0137. In Version 2, 1) titles were shortened, 2) the “NRE” entity replaced the Broker/Aggregator/Marketer and a descriptive footnote added, 3) WR1/WM1 syntax was clarified, 4) descriptive narratives were added to the Rationale section to include, (a) “Use of Capitalized Terms from the NAESB Glossary”, (b) Use of Capitalized Terms from the WECC Glossary” and (c) “Applicable Entity” in the Rationale section.
3	March 7, 2023	WECC Standards Committee	On March 7, 2023, the WECC Glossary of Terms Used in WECC Criteria (Glossary) was retired, and all document-specific definitions were moved into their associated WECC Criteria. Definitions for energy product codes used in e-Tags were incorporated as Attachment A – Energy Product Codes. Section 5., Document Specific Definitions, WR1/WM1, and Rationale – Use of Capitalized Terms were adjusted to reflect the change. Reference to INT-018-WECC-CRT-2, WR2 in the above row was deleted as that version did not have a WR2.

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## Attachment A – Energy Product Codes

Term	Original Approval Date	Approved Definition	Term Origin
Capacity Associated with Energy Recallable for Reserves	September 18, 2014	C-RE: Capacity Associated with Energy Recallable for Reserves. This product is energy that is recallable within 10 minutes of activation of reserves and has been included in the Source Balancing Authority’s reserve resources.	INT-018-WECC-CRT-1.2
Capacity for Non-Spinning Reserve	September 18, 2014	C-NS: Capacity for Non-Spinning Reserve. On-demand Non-Spinning Reserve obligation/resource is a Non-Spinning Reserve product that can be activated through the adjustment of a capacity e-Tag.	INT-018-WECC-CRT-1.2
Capacity for Spinning Reserve	September 18, 2014	C-SP: Capacity for Spinning Reserve. On-demand Spinning Reserve obligation/resource is a Spinning Reserve product that can be activated through the adjustment of a capacity e-Tag.	INT-018-WECC-CRT-1.2
Exchange of Firm Energy	September 18, 2014	G-EX: Exchange of Firm Energy. An exchange of firm energy where one entity delivers energy to another entity at one point on the grid and receives an agreed upon amount of energy from that entity at another point on the grid.	INT-018-WECC-CRT-1.2
Firm Contingent	September 18, 2014	G-FC: Firm Contingent. The energy is from a designated generating unit or source. This product may be interrupted only to the extent the output capability of the designated unit or source has been reduced due to a deration or outage of the designated unit or source. A G-FC product cannot be interrupted for economic reasons.	INT-018-WECC-CRT-1.2



<b>Term</b>	<b>Original Approval Date</b>	<b>Approved Definition</b>	<b>Term Origin</b>
Firm Energy	September 18, 2014	G-F: Firm Energy. This product may be curtailed only in the event of a reliability condition or to meet seller's public utility or statutory obligations for reliability of service to native load. A G-F product cannot be interrupted for economic reasons.	INT-018-WECC-CRT-1.2
Firm Provisional Energy	September 18, 2014	G-FP: Firm Provisional Energy. This product may be interrupted only if the interruption is within the recall time and for conditions allowed by applicable provisions governing interruption of service, as mutually agreed to by the parties. A G-FP product cannot be interrupted for economic reasons.	INT-018-WECC-CRT-1.2
Hourly Firm Energy	September 18, 2014	G-F1: Hourly Firm Energy. This product may be interrupted, consistent with the provisions of the transaction, provided the Purchasing-Selling Entity or Load-Serving Entity receives notification of the interruption 40 minutes or more prior to the start of the operating hour. A G-F1 product cannot be interrupted for economic reasons.	INT-018-WECC-CRT-1.2
Non-Firm Energy	September 18, 2014	G-NF: Non-firm Energy. This product may be interrupted for any reason or no reason, without liability on the part of either the buyer or seller.	INT-018-WECC-CRT-1.2

## Rationale

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A Rationale section is optional. If Rationale Boxes were used during the development of this project, the content of those boxes appears below.

### Use of Capitalized Terms from the NAESB Glossary

Detailed specifications for creation and treatment of requests for interchange are addressed by NAESB within the e-Tag specification or its successor. This document recognizes the following proper nouns used by NAESB and does not address the definition of those terms:

- e-Tag
- Tag Author

### Use of Capitalized Terms from the WECC Glossary of Terms Used in WECC Criteria (Retired March 7, 2023)

As approved September 18, 2014, the definition for Capacity for Non-Spinning Reserve and Capacity for Spinning Reserve both used the capitalized term “On Demand.” Version 2 of this criterion corrected the use to lower case as the term is not defined.

As approved September 18, 2014, the definition for Firm Energy used the capitalized NAESB term “Seller.” Version 2 of this criterion corrected “Seller” to lower case.

### Applicable Entity

Adoption of the NRE aligns this document with other WECC Criterion.<sup>3</sup>

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<sup>3</sup> See INT-008-WECC-CRT-3, Treatment of Dynamic Transfer Request for Interchange and INT-003-WECC-CRT-3, Interchange Prescheduling Calendar

