**Options to address R18011**

**OPTION 1:**

Change the system to complete the market assessments for the GPE, LSE, TPSE, MO, and Transmission Service Provider Conduct Market Assessments.

* 1. Each entity has its own timer for completing the market assessments
		1. No “Act on by” timestamp is sent to Approval entities

**Possible Implementation – Option 1:**

1. Sink BAA receives initial e-Tag request and the e-Tag is updated with an e-Tag Creation Date/Time stamp.
2. Sink BAA distributes an Assessment Request to all Approval Entities listed on the e-Tag. On each individual Approval Entity’s receipt of the Assessment Request, the e-Tag is updated with an Initial Distribution Received Date/Time stamp.

**EVALUATION RULE 1:** The time between the e-Tag Creation Date/Time stamp and the *latest* Initial Distribution Received Date/Time stamp (the last Approval Entity to receive an Approval Request) must be less than or equal to one minute. (*Note: The Entity responsible for being compliant with EVALUATION RULE 1 is the SINK BAA.*)

1. Passive or Active Approval or Denial response is sent by each Approval Entity back to the Sink BAA.
2. Upon the Sink BAA’s receipt of each individual Approval/Denial response, the e-Tag is updated with each Approval Entity’s Assessment Received Date/Time stamp.

**EVALUATION RULE 2:**  For each individual Approval Entity, the time between an Approval Entity’s Initial Distribution Received Date/Time stamp and that Approval Entity’s Assessment Received Date/Time stamp must be less than or equal to the Assessment Period listed in column B of the WEQ-004 Timing Tables. (*Note: The Entities responsible for being compliant with EVALUATION RULE 2 is each individual Approval Entity listed on the e-Tag.*)

**EVALUATION RULE 3:** The *latest* Assessment Received Date/Time stamp received by the Sink BAA from all Approval Entities listed on the e-Tag must be greater than or equal to the Confirmed Interchange Preparation Time listed in column D of the WEQ-004 Timing Tables, plus one minute. (*Note: The Entities responsible for being compliant with EVALUATION RULE 3 is each individual Approval Entity listed on the e-Tag.*)

1. On stamp action of the *latest* Assessment Received Date/Time stamp, the Sink BAA compiles and sends the Final Distribution to all Approval Entities and the e-Tag is updated with a Final Distribution Sent Date/Time stamp.
2. On each individual Approval Entity’s receipt of the Final Distribution sent by the Sink BAA, the e-Tag is updated with a Final Distribution Received Date/Time stamp.

**EVALUATION RULE 4:** The time between Final Distribution Sent Date/Time stamp and the *latest* Final Distribution Received Date/Time stamp must be less than or equal to one minute. (*Note: The Entity responsible for being compliant with EVALUATION RULE 4 is the Sink BAA.*)

**OPTION 2:**

Change start of the “Act on by” timestamp of the market assessment to the same time as receipt of Authority Service (removing the 1-minute distribution window)

* 1. Same timer set for all entities to complete the market assessments
		1. Same “Act on by” timestamp sent to all Approval entities

**Possible Implementation – Option 2:**

1. Sink BAA receives initial e-Tag request and the e-Tag is updated with an e-Tag Creation Date/Time stamp.
2. Passive or Active Approval or Denial response is sent by each Approval Entity back to the Sink BAA.
3. Upon the Sink BAA’s receipt of each individual Approval/Denial response, the e-Tag is updated with each Approval Entity’s Assessment Received Date/Time stamp.

**EVALUATION RULE 1:**  For each individual Approval Entity, the time between the e-Tag’s e-Tag Creation Date/Time stamp and each individual Approval Entity’s Assessment Received Date/Time stamp must be less than or equal to the Assessment Period listed in column B of the WEQ-004 Timing Tables. (*Note: The Entities responsible for being compliant with EVALUATION RULE 2 is each individual Approval Entity listed on the e-Tag.*)

**EVALUATION RULE 2:** The *latest* Assessment Received Date/Time stamp received by the Sink BAA from all Approval Entities listed on the e-Tag must be greater than or equal to the Confirmed Interchange Preparation Time listed in column D of the WEQ-004 Timing Tables, plus one minute. (*Note: The Entities responsible for being compliant with EVALUATION RULE 3 is each individual Approval Entity listed on the e-Tag.*)

1. On stamp action of the *latest* Assessment Received Date/Time stamp, the Sink BAA compiles and sends the Final Distribution to all Approval Entities and the e-Tag is updated with a Final Distribution Sent Date/Time stamp.
2. On each individual Approval Entity’s receipt of the Final Distribution sent by the Sink BAA, the e-Tag is updated with a Final Distribution Received Date/Time stamp.

**EVALUATION RULE 3:** The time between Final Distribution Sent Date/Time stamp and the *latest* Final Distribution Received Date/Time stamp must be less than or equal to one minute. (*Note: The Entity responsible for being compliant with EVALUATION RULE 4 is the Sink BAA.*)

**OPTION 3:**

Change NAESB WEQ-004 to clarify the timing market assessment periods as currently implemented with no e-Tag software functionality changes

**OPTION 4:**

Add a timer to prevent approval or denial during the distribution windows

**Possible Implementation – Option 4:**

1. Sink BAA receives initial e-Tag request and the e-Tag is updated with the following Date/Time stamps:
	* e-Tag Creation Date/Time stamp – Time equal to the Sink BAA’s initial receipt of the e-Tag request.
	* Initial Distribution Window Date/Time stamp – Time equal to the e-Tag Creation Date/Time stamp, plus one minute.
2. Sink BAA distributes an Assessment Request to all Approval Entities listed on the e-Tag. On each individual Approval Entity’s receipt of the Assessment Request, the e-Tag is updated with an Initial Distribution Received Date/Time stamp. If the Approval Entity’s receipt of the Assessment Request is less than or equal to the Initial Distribution Window Date/Time stamp, the Initial Distribution Received Date/Time stamp will be equal to the Initial Distribution Window Date/Time stamp.

**EVALUATION RULE 1:** No Approval Entity’s Initial Distribution Received Date/Time stamp shall be later than the Initial Distribution Window Date/Time stamp. (*Note: The Entity responsible for being compliant with EVALUATION RULE 1 is the SINK BAA.*)

1. Passive or Active Approval or Denial Assessment Response is sent by each Approval Entity back to the Sink BAA.
2. Upon the Sink BAA’s receipt of each individual Assessment Response, the e-Tag is updated with each Approval Entity’s Assessment Received Date/Time stamp. For any Assessment Responses that are received by the Sink BAA earlier than the Initial Distribution Window Date/Time stamp, The Assessment Responses will be placed in a queue by the Sink BAA until a time that is equal to the Initial Distribution Window Date/Time stamp. When the Initial Distribution Window Date/Time stamp time is reached, these early Assessment Responses in the queue will be processed and updated with an Assessment Received Date/Time stamp that is equal to the later of the Initial Distribution Window Date/Time stamp or the actual time in which they were processed.

**EVALUATION RULE 2:**  For each individual Approval Entity, the time between an Approval Entity’s Initial Distribution Window Date/Time stamp and that Approval Entity’s Assessment Received Date/Time stamp must be less than or equal to the Assessment Period listed in column B of the WEQ-004 Timing Tables. (*Note: The Entities responsible for being compliant with EVALUATION RULE 2 is each individual Approval Entity listed on the e-Tag.*)

**EVALUATION RULE 3:** The *latest* Assessment Received Date/Time stamp received by the Sink BAA from all Approval Entities listed on the e-Tag must be greater than or equal to the Confirmed Interchange Preparation Time listed in column D of the WEQ-004 Timing Tables, plus one minute. (*Note: The Entities responsible for being compliant with EVALUATION RULE 3 is each individual Approval Entity listed on the e-Tag.*)

1. On stamp action of the *latest* Assessment Received Date/Time stamp, the Sink BAA compiles and sends the Final Distribution to all Approval Entities and the e-Tag is updated with a Final Distribution Sent Date/Time stamp.
2. On each individual Approval Entity’s receipt of the Final Distribution sent by the Sink BAA, the e-Tag is updated with a Final Distribution Received Date/Time stamp.

**EVALUATION RULE 4:** The time between Final Distribution Sent Date/Time stamp and the *latest* Final Distribution Received Date/Time stamp must be less than or equal to one minute. (*Note: The Entity responsible for being compliant with EVALUATION RULE 4 is the Sink BAA.*)

**OPTION 5:**

As is - No change needed to NAESB WEQ-004 or e-Tag software functionality

* 1. Same timer set for all entities to complete the market assessments
		1. Same “Act on by” timestamp sent to all Approval entities
	2. NAESB Standards are not enforcing NERC Standards, but should not prevent adherence
	3. Entities in Column B are responsible for ensuring compliance with NERC INT-006-4 timing requirements and the NAESB WEQ-004 timing requirements