

## Implementation Plan For EOP-005-2 and EOP-006-2

### Prerequisite Approvals

There are no other Reliability Standards or Standard Authorization Requests (SARs), in progress or approved, that must be implemented before this set of standards can be implemented.

- EOP-005 – System Restoration from Blackstart Resources — ~~Operations~~
- EOP-006 – System Restoration ~~from Blackstart Resources~~ — Coordination

### Revision to Sections of Approved Standards and Definitions

There is one new definition in the proposed set of standards

**Blackstart Resource:** A generation Facility and associated set of equipment, under the control of the Generator Operator, with the ability to be started without support from the System or is designed to automatically remain energized without connection to the remainder of the System, with the ability to energize a ~~dead~~-bus, meeting the Transmission Operator’s restoration plan needs for real and reactive power capability, frequency and voltage control, and included in the Transmission Operator’s restoration plan

Retire the following definition coincident with the implementation of EOP-005 and EOP-006:

#### **Blackstart Capability Plan**

### Balloting

The drafting team recommends that this group of two standards be balloted with a single ballot.

### Compliance with Standard

Standard	Functions That Must Comply With the Associated Requirements		
	Reliability Coordinator	Transmission Operator	Generator Operator
EOP-005 – System Restoration from Blackstart Resources — <del>Operations</del>		X	X
EOP-006 – System Restoration <del>from Blackstart Resources</del> — Coordination	X		

### Phased-in Compliance

The following table identifies the effective date for each standard.

The effective date is the date entities are expected to meet the performance identified in this standard.

Note that entities have been given several months beyond the BOT adoption regulatory approval date (preparation time) to fully comply with the requirements. Existing standards will remain in effect unless individual requirements are superseded by new requirements that are phased in prior to the twenty-four month completion timeframe in the Implementation Plan at which time the existing standards (EOP-001-0, R3.4; EOP-005-1, EOP-006-1, EOP-007-0, and EOP-009-0) will be retired. The assumption used by the SDT in establishing this Implementation Plan is that all entities perform as specified during the transitional period. This Implementation Plan starts from the TOP restoration plans required by the existing standards.

EOP-006—System Restoration from Blackstart Resources—Coordination	All requirements: 18 months after applicable regulatory approvals.
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**Effective Dates of Revised Standards**

Note: All dates shown are on the first day of the first calendar quarter, x months following applicable regulatory approval.

R#	Immediate	1 mo.	3 mos.	5 mos.	6 mos.	8 mos.	24 mos.
<b>EOP-005-2</b>							
<u>R1</u>			<u>X</u>				
<u>R2</u>					<u>X</u>		
<u>R3</u>	<u>X – existing.</u>		<u>X</u>				
<u>R4</u>							<u>X</u>
<u>R5</u>							<u>X</u>
<u>R6</u>	<u>X – existing.</u>						
<u>R7</u>							<u>X</u>
<u>R8</u>							<u>X</u>
<u>R9</u>		<u>X</u>					
<u>R10</u>							<u>X</u>
<u>R11</u>							<u>X</u>
<u>R12</u>							<u>X</u>
<u>R13</u>							<u>X</u>
<u>R14</u>			<u>X</u>				
<u>R15</u>							<u>X</u>
<u>R16</u>							<u>X</u>
<u>R17</u>							<u>X</u>
<u>R18</u>							<u>X</u>
<u>R19</u>							<u>X</u>
<u>R#</u>	<u>Immediate</u>	<u>1 mo.</u>	<u>3 mos.</u>	<u>5 mos.</u>	<u>6 mos.</u>	<u>8 mos.</u>	<u>24 mos.</u>
<b>EOP-006-2</b>							
<u>R1</u>			<u>X</u>				
<u>R2</u>			<u>X</u>				
<u>R3</u>						<u>X</u>	
<u>R4</u>						<u>X</u>	
<u>R5</u>				<u>X</u>			
<u>R6</u>							<u>X</u>
<u>R7</u>							<u>X</u>
<u>R8</u>							<u>X</u>
<u>R9</u>							<u>X</u>

<u>R10</u>							<u>X</u>
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**Retirement Dates for Existing Standards**

Note: All dates shown are on the first day of the first calendar quarter, x months following applicable regulatory approval of EOP-005-2 and EOP-006-2.

<b>R#</b>	<b>Immediate</b>	<b>3 mos.</b>	<b>5 mos.</b>	<b>24 mos.</b>
<b>EOP-001-1</b>				
<u>R3.4</u>		<u>X</u>		
<b>EOP-005-1</b>				
<u>R1</u>		<u>X</u>		
<u>R2</u>	<u>X</u>			
<u>R3</u>		<u>X</u>		
<u>R4</u>			<u>X</u>	
<u>R5</u>	<u>X</u>			
<u>R6</u>				<u>X</u>
<u>R7</u>	<u>X</u>			
<u>R8</u>	<u>X</u>			
<u>R9</u>		<u>X</u>		
<u>R10</u>	<u>X</u>			
<u>R11</u>				<u>X</u>
<b>EOP-006-1</b>				
<u>R1</u>			<u>X</u>	
<u>R2</u>				<u>X</u>
<u>R3</u>		<u>X</u>		
<u>R4</u>		<u>X</u>		
<u>R5</u>				<u>X</u>
<u>R6</u>				<u>X</u>
<b>EOP-007-0</b>				
<u>R1</u>				<u>X</u>
<u>R2</u>				<u>X</u>
<b>EOP-009-0</b>				
<u>R1</u>				<u>X</u>
<u>R2</u>				<u>X</u>