NERC Standard EOP-005-2

Mapping of PJM Member TO Restoration Documents to Applicable Elements

#	Requirements in Attachment	American Electric Power	Atlantic City Electric	ATSI	Baltimore Gas and Electric	Commonwealth Edison	Cleveland Public Power	Dayton Power and Light	Delmarva Power and Light Company	Dominion	DUKE OH/KY	EKPC	Duquesne Power and Light	First Energy - Fairmont	First Energy - Reading	Pennsylvania Power and Light Company	PECO Energy Company	Potomac Electric Power Company	Public Service Electric and Gas	Rockland Electric Company	UGI
1	When was the Restoration Plan last updated:	3/1/2013	12/9/2012	4/10/2013	6/15/2012	12/17/2012	5/31/2013	9/1/2012	4/9/2013	5/31/2013	2/26/2013	1/27/2013	7/1/2013	4/11/2013	3/29/2013	6/28/2013	12/15/2012	5/30/2013	5/15/2013	5/24/2013	5/27/2013
2	Reason for this update:	Other	Other	Other	Other	Annual Review	Annual Review	Other	Annual Review	Other	Annual Review	Annual Review	Other	Annual Review	Other	Annual Review	Annual Review	Annual Review	Planned BES Modification	Annual Review	Annual Review
3	Were there any significant changes to the plan's identified responsibilities and relationships, since the last update:	No	No	No	Yes (EDF Dispatcher responsibilities added due to sale of units)	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No
4	R1.1 Strategies for system restoration that are coordinated with the Reliability Coordinator's high level strategy for restoring the Interconnection.	p. 4	p. 3	p. 1-3, 9	p. 14-15,22-24, 26, 29-30, 34, 36-37, 40-41, 43-44, 47, 50, 95-96, 100, 106-107, 109, 111, 133, 141, 154, 157, 164, 171, 173-175	PSR Rev_0_13_final p. 4,5	p. 21-24, Items 7,15,16,19	p. 5, 27-29	p. 2	p. 1, 6	Sect. 7, p. 31	p. 9	Sect. 2.B, p. 8	Sect. A-2	Sect. Policy Statement, p. 4	p. 7	Sect. 4, p. 72	P. 12	Sect 2, p. 2 Sect 16, p. 25	p. 5	p. 1
	R1.2 A description of how all Agreements or mutually agreed upon procedures or protocols for off-site power requirements of nuclear power plants, including priority of restoration, will be fulfilled during System restoration.	p. 1	p. 3, p. 168	p. 6, 9, 16	p. 96, 173-175, 32-33, 44, 133, 114, 184	PSR Rev_0_13_final p. 6,7	N/A	N/A (No nuclear units)	p. 2, p. 32	p. 28	N/A (No nuclear power plants)	p. 12	Sect. 4.A, p. 10-11 Sect. 6.C, p. 27	Sect. A-2	Sect. 2.3, p. 7	p. 14, 16, 21	Sect. 4, p. 75	P. 19	Sect. 6, p. 7	p. 5	p. 1
	R1.3 Procedures for restoring interconnections with other Transmission(Owners)/Operators under the direction of Reliability Coordinator.	M-36 Sect. 3.1.6	p. 146	p. 8-9, 12	p. 22, 44, 171, 29-30, 41, 95-96, 104, 106, 109, 171, 175	PSR Rev_0_13_final p. 7	p. 23, Item 15	p. 41-44	p. 8-9	p. 20	Sect. 7, p. 31	M-36 Sect. 3.1.6	Sect 4.H, p. 22-25	Sect. M-4	Sect. 2.6, p. 9	p. 22-24	Sect. 4, p. 83	p. 20	Sect. 14, p. 21	p. 5	p. 1
	R1.4 Identification of each Blackstart Resource and its characteristics including but not limited to the following: the name, location, MW and MVAR capactiy and type of unit.	p. 7	p. 165	p. 13-14	p. 48-49, 51-93, 100, 111, 126	PSR Rev_0_13_final p. 8	p. 21, Sect. A	p. 20-21	p. 52	p. 20-21	Sect. 1, p. 4	p. 18	Sect. 6A, p. 26	Sect. E-2	Att. D - Penelec Att. E - MetEd Att. F - JCP&L	p. 15	Sect. 3, p. 21	p. 27	Sect. 28, p. 18	N/A	N/A
	R1.5 Indentification of Cranking Paths and initial switching requirements between each Blackstart Resource and the unit(s) to be started.	p. 25	p. 43-55, 59-67	p. 17-84	p. 51-93	PSR Rev_0_13_final p. 5	p. 21, Sect. A	p. 27-29	p. 28-50, p. 74-82	p. 30-116	Sect. 1, p. 3 Sect 3, p. 10 Sect. 4, p. 14 Sect. 5, p. 22 Ap. I, p. 39	p. 16	Sect. 7, p. 28 Att. 1,2,3A,3B,4A, & 4B	Sect. L-2	p. 13, 18, 24	p. 19	Sect. 3, p. 36 App. 10, p. 150	p. 28-67	Sect. 19, p. 29	N/A	N/A
	R1.6 Indentification of acceptable operating voltage and frequency limits during restoration.	p. 11	p. 199	p. 7	p. 143, 134	PSR Rev_0_13_final p. 16	p. 22-23, Items 6,17	p. 38-40	p. 5	p. 13-14	Sect. 6, p. 28	p. 31	Sect. 4.G.3, p. 20 Sect. 4.G.4, p. 20 Sect. 4.A.4, p. 11	Sect. A-3	Sect. 2.7, p. 9 Sect. 2.4, p. 7	p. 21-25	Sect. 1, p. 13	p. 68	Sect. 4, p. 4	p. 7,8	p. 12
	R1.7 Operating Processes to reestablish connections within the Transmission(Owner) Operator's System for areas that have been restored and are prepared for reconnection.	M-36 Sect. 7.2	p. 68-69	p. 11, 85	p. 44, 95, 100-102, 137, 162, 171, 176-179	PSR Rev_0_13_final p. 34-36	N/A	p. 41-43	p. 3, p. 71-73	p. 20-22	Sect. 7, p. 31	p. 33	Sect. 4.H, p. 22 Att. 11	Sect. M	Sect. Policy Statement, p. 4 Sect. 2.5, p. 8	p. 23-24	Sect. 4, p. 83	p. 70	Sect. 14, p. 21	p. 22-30	p. 13-18
	R1.8 Operating Processes to restore Loads required to restore the System, such as station service for substations, units to be restarted or stabilized, the Load needed to stabilize generation and frequency, and provide voltage control.	M-36 Sect. 3.1.5, 7.1	N/A	p. 7, 9, 15-16, 25, 30, 34	p. 33, 48-49, 51-93, 114, 138-142, 145-153, 127-132	SRSP_R0_13_Final & PSR Rev_0_13_final p. 6-7	N/A	p. 38-41, 44-45	N/A	p. 117	Sect. 6, p. 28	p. 31	Sect. 4.G.6, p. 21-22 Att. 9	Sect. A	Sect. 2.4, 2.5, 2.7, 2.9, 2.10, 2.11, p. 7-10	N/A	Sect. 4, p. 72	p. 73	Sect. 1, p.2 Sect. 4, 3 Sect. 5, p. 5 Sect. 21, p. 33.	Att. 3, 12	p. 10
	R1.9 Operating Processes for transferring authority back to the Balancing Authority in accordance with the Reliability Coordinator's criteria.	M-36 Sect. 3.1.7	p. 146-147	p. 3, 9	p. 29-30, 109	PSR Rev_0_13_final p. 34-35	N/A	p. 41-42	p. 8, 9	p. 2	Sect. 7, p. 31	N/A	Sect. 4.I, p. 25-26 Sect. 5, p. 26	Preface 2, p. 4	Sect. 2.6, p. 9	N/A	App. 6 p. 139	p. 86	Sect. 2, p. 3	N/A	N/A
5	R2 Have all entities identified in the restoration plan been provided with a description of any changes to their roles and specific tasks prior to the implementation date of the plan:	Yes	No	No	Yes (p. 26-31)	No	No	p. 11-14, 29-34, 41-43	No	No	Ap. XI, p. 75	p. 37	Sect. 8, p. 28	No	No	Yes	N/A (internal distribution list)	Yes	Sect. 9, p. 16 Sect. 10, p. 16 Sect. 11, p. 18	N/A	p. 6, 31
6	R5 Are copies of this plan available within your primary and backup control rooms prior to the effective date of this plan:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Sect. 9, p. 28	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes