

Translation of Planning Standards to Version 0					
Topic	Source Document	Version 0 Standard	Incomplete Phase 3	Incomplete Phase 4	Comments
System performance under normal conditions	I.A.M1	51.1			
System performance under single contingency	I.A.M2	51.2			
System performance under multiple contingencies	I.A.M.3	51.3			
System performance under extreme contingencies	I.A.M.4	51.4			
Self-assessment of regional & interregional reliability	I.B.M.1	52.1			
Regional Data needed to assess reliability	I.B.M.1	52.2			
Facilities connection requirements	I.C.M.1	53.1			
Coordinate plans for new facilities	I.C.M.2	53.2			
Assessment of reactive power resources	I.D.M.1			(64.1)	Removed from Version 0
Generator reactive power capability	I.D.M.2			(64.2)	Removed from Version 0
Regional TTC/ATC Methodology	I.E1.M.1	54.1			
Regional Procedure to assure compliance with regional TTC/ATC method	I.E1.M.3	54.2			
Regional Procedure to collect & consider concerns	I.E1.M.4	54.3			

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Regional CBM Methodology	I.E.2.M.1	55.1			
Regional Procedure / Review to assure compliance to regional CBM methodology	I.E.2.M.3	55.2			
Document transmission provider procedures for use of CBM	I.E.2.M.4	55.3			
Report use of CBM	I.E.2.M.5	55.4			
Regional TRM Methodology	I.E.2.M.6	56.1			
Regional Procedure / Review to assure compliance to regional TRM methodology	I.E.2.M.8	56.2			
Document / define equipment Requirement	I.F.M.1	57.1			
List of monitoring equipment installations & operating status	I.F.M.2		57.2		Removed from Version 0
Disturbance monitoring data reporting Requirements	I.F.M.3		57.3		Removed from Version 0
Recorded fault and disturbance Data	I.F.M.4		57.4		Removed from Version 0
Use Database	I.F.M.5			57.5	Removed from Version 0
Steady state modeling DATA	II.A.M.1	58.1			
Reporting Requirements /	II.A.M.2	58.2			

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Procedures for steady state modeling					
Dynamics modeling Data	II.A.M.3	58.3			
Reporting Requirements / Procedures for dynamics modeling	II.A.M.4	58.4			
Develop steady state models	II.A.M.5	58.5			Compliance Template approved in 2004
Develop dynamics models	II.A.M.6	58.6			Compliance Template approved in 2004
Procedures for validating generation equipment data	II.B.M.1			(59.1)	Removed from Version 0
Verification of gross & net dependable capability	II.B.M.2			(59.2)	Removed from Version 0
Verification of gross & reactive power capability of generators	II.B.M.3			(59.3)	Removed from Version 0
Test results of gen. voltage regulator controls & limit functions	II.B.M.4.			(59.4)	Removed from Version 0
Test results of speed/load governor controls	II.B.M.5			(59.5)	Removed from Version 0
Verification of excitation system dynamic modeling data	II.B.M.6			(59.6)	Removed from Version 0
Methodology for determining facilities electrical ratings	II.C.M.1	60.1			
Facility electrical rating Data for modeling	II.C.M.2	60.2			
Demand, energy & DSM scope & specificity reporting Requirements	II.D.M.1	61.1			
Reporting procedures that ensure against double counting or omission	II.D.M.2			(61.2)	Removed from Version 0

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of customer demand data					
Procedures requiring consistency of data reported for reliability purposes and to gvt agencies	II.D.M.3			(61.3)	Removed from Version 0
Aggregated actual & forecast demand & energy Data	II.D.M.4	61.4			
Nonmember demand Data Document how uncertainty for forecasts are addressed	II.D.M.6	61.5			
Report interruptible demands & direct load control Data	II.D.M.10	61.6			
Inform operations of interruptible demands & direct load control	II.D.M.11	61.7			
Document / methodology of effects of controllable DSM	II.D.M.12	61.8			
Plans for the evaluation and reporting of voltage & frequency characteristics of customer demands	II.E.M.1			(62.1)	Removed from Version 0
Documentation of requirements for determining dynamic characteristics of customer demands	II.E.M.2			(62.2)	Removed from Version 0
Customer (dynamic) demand data	II.E.M.3			(62.3)	Removed from Version 0
Regional Process to monitor/notify/analyze trip operations - document misoperations	III.A.M.3	63.1			
Document/implement transmission protection system maintenance/testing/monitoring Program	III.A.M.4	63.2			
Provide trip operation / misoperation information per Regional process	III.A.M.5	63.3			

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Assessment of reliability impact of transmission control devices	III.B.M.1			(66.1)	Removed from Version 0
Transmission control device models and data	III.B.M.2			(66.2)	Removed from Version 0
Periodic review & validation of settings & operating strategies	III.B.M.3			(66.3)	Removed from Version 0
Procedure by Sys Operator for reporting operation without automatic voltage control mode	III.C.M.1		(65.1)		Removed from Version 0
Log of operation without automatic voltage control mode by gen owner	III.C.M.2		(65.2)		Removed from Version 0
Documentation of schedule for maintaining network voltage	III.C.M.3		(65.3)		Removed from Version 0
Log operation not maintaining network voltage schedules	III.C.M.4		(65.4)		Removed from Version 0
Reporting Procedures for tap settings of generator step-up & auxiliary transformers	III.C.M.5		(65.5)		Removed from Version 0
Tap settings Data of generator step-up & auxiliary transformers	III.C.M.6		(65.6)		Removed from Version 0
Requirements for withstanding temporary excursions in frequency, voltage, etc	III.C.M.7		(65.7)		Removed from Version 0
Info on generator controls coordination with unit's short-term capabilities & protective relays	III.C.M.8		(65.8)		Removed from Version 0
Information on speed/load governing system	III.C.M.9		(65.9)		Removed from Version 0
Procedure to monitor/ review/ analyze/ correct trip operations of generator protection equipment	III.C.M.10		(65.10)		Removed from Version 0

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Documentation of all operations of generator protection equipment	III.C.M.11		(65.11)		Removed from Version 0
Maintenance / testing Program of generation equipment protection systems	III.C.M.12		(65.12)		Removed from Version 0
Develop / document Regional UFLS Program including a program Database and Assessment	III.D.M.1	67.1			
Consistency of entities with Regional UFLS program	III.D.M.2	67.2			
Document/implement UFLS maintenance/testing Program	III.D.M.3	67.3			
Analysis & documentation of UFLS Event	III.D.M.4	67.4			
Documentation of undervoltage load shedding program	III.E.M.1		(68.1)		Removed from Version 0
UVLS Regional Database	III.E.M.2		(68.2)		Removed from Version 0
Assess design and effectiveness of UVLS programs	III.E.M.3	68.3			Compliance Template approved in 2004
Document/implement UVLS maintenance/testing Program	III.E.M.4	68.4			Compliance Template approved in 2004
Analysis & documentation of UVLS event	III.E.M.5		(68.5)		Removed from Version 0
Document / implement Regional SPS review Process	III.F.M.1	69.1			
SPS Database	III.F.M.2	69.2			
Review, document & assessment of SPS Compliance to Stds and effect	III.F.M.3	69.3			

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of failure					
Compliance review & document new/proposed SPS installations	III.F.M.4	69.4			
Document/analyze misoperations	III.F.M.5	69.5			
Document/implement SPS maintenance/testing Program	III.F.M.6	69.6			
Regional blackstart capability Plan	IV.A.M.1	70.1			Compliance Template approved in 2004
Demonstrate by simulation / testing blackstart unit can perform its function.	IV.A.M.2		(70.2)		Removed from Version 0
Diagram blackstart units & initial switching	IV.A.M.3		(70.3)		Removed from Version 0
Document blackstart unit test results	IV.A.M.4	70.4			Compliance Template approved in 2004
Document automatic load restoration (ALR) programs including database	IV.B.M.1		(71.1)		Removed from Version 0
Document auto load restoration program with Regional requirements	IV.B.M.2		(71.2)		Removed from Version 0
Assess effectiveness of automatic load restoration programs	IV.B.M.3		(71.3)		Removed from Version 0
Document auto load restoration equipment testing / maintenance program	IV.B.M.4		(71.4)		Removed from Version 0
Vegetation Management	NA	72.1			Compliance Template approved in 2004