INDEX

Article Number	Provisions	Sheet No.
1. DEFINITIONS AND INTERF	PRETATION.	1
2. ISO OPERATIONS.		2
2.1 Access to the ISO Con	trolled Grid.	2
2.2 Scheduling.		3
2.3 System Operations und	der Normal and Emergency Operating Conditio	ns. 33
2.4 [Not Used]		50
2.4.3 Existing Contracts for	r Transmission Service	50
2.5 Ancillary Services.		61
2.6 Incorporation of the ISC	O Market Monitoring & Information Protocol	139
3. RELATIONSHIP BETWEEN	I ISO AND PARTICIPATING TOS.	140
3.1 Nature of Relationship.		140
3.2 Transmission Expansion	on.	141
3.3 [Not Used]		150
4. RELATIONSHIP BETWEEN	I ISO AND UDCS.	161
4.1 General Nature of Rela	ationship Between ISO and UDCs.	161
4.2 Coordinating Maintena	nce Outages of UDC Facilities.	162
4.3 UDC Responsibilities.		162
4.4 System Emergencies.		163
4.5 Electrical Emergency F	Plan (EEP).	164
4.6 System Emergency Re	ports: UDC Obligations.	164A
4.7 Coordination of Expans	sion or Modifications to UDC Facilities.	165
4.8 Information Sharing.		165
4.9 UDC Facilities under IS	SO Control.	167
5. RELATIONSHIP BETWEEN	I ISO AND GENERATORS.	167
5.1 General Responsibilitie	s.	167
5.2 Procurement of Reliable	ility Must-Run Generation by the ISO.	170
5.3 Identification of Genera	ating Units.	179
5.4 WECC Requirements.		179
5.5 Outages.		179A
5.6 System Emergencies.		180

|--|

	5.7 Interconnection of Generating Units and Generating Facilities to the ISO Controlled Grid.	181B
	5.8 Recordkeeping; Information Sharing.	182
	5.9 Access Right.	183
	5.10 Black Start Services.	184
	5.11 Must-Offer Obligations.	184A
	5.12 [Not Used]	184G
	5.13 Energy Bids.	184G
6.	TRANSMISSION SYSTEM INFORMATION AND COMMUNICATIONS.	185
	6.1 WEnet.	185
	6.2 Reliable Operation of the WEnet.	187
	6.3 Information to be Provided By Connected Entities to the ISO.	188
	6.4 Failure or Corruption of the WEnet.	188
	6.5 Confidentiality.	189
	6.6 Standards of Conduct.	189
7.	TRANSMISSION PRICING.	189
	7.1 Access Charges.	189
	7.2 Zonal Congestion Management.	198
	7.3 Usage Charges and Grid Operations Charges.	207
	7.4 Transmission Losses.	213
	7.5 FERC Annual Charges.	215
8.	GRID MANAGEMENT CHARGE.	215D
	8.1 ISO's Obligations.	215D
	8.2 Costs Included in the Grid Management Charge.	216
	8.3 Allocation of the Grid Management Charge Among Scheduling Coordinators.	217
	8.4 Calculation and Adjustment of the Grid Management Charge.	217A.02
	8.5 Operating and Capital Reserves Account.	218
	8.6 Transition Mechanism	218
9.	FIRM TRANSMISSION RIGHTS	219
	9.1 General	219
	9.2 Characteristics of Firm Transmission Rights	219
	9.3 Maximum Number of Firm Transmission Rights	221
	9.4 Issuance of Firm Transmission Rights by the ISO	222

	Sheet No. ii-a
9.5 Distribution of Auction Revenues Received by the ISO for Firm Transmission Rights	228
9.6 Distribution of Usage Charges to FTR Holders	228A
9.7 Scheduling Priority of FTR Holders	230
9.8 Assignment of Firm Transmission Rights	231

	Sheet No. iii
10. METERING.	233
10.1 Applicability.	233
10.2 Responsibilities of ISO Metered Entities	233
10.3 Meter Service Agreements for ISO Metered Entities.	237
10.4 Low Side Metering.	238
10.5 Audit, Testing Inspection and Certification Requirements.	239
10.6 Metering for Scheduling Coordinator Metered Entities.	239
11. ISO SETTLEMENTS AND BILLING.	245
11.1 Settlement Principles.	245
11.2 Calculations of Settlements.	246
11.3 Billing and Payment Process.	253A
11.4 General Principles for Production of Settlement Statements.	253A
11.5 Calculation in the Event of Lack of Meter Data for the Balancing of Market Accounts.	254
11.6 Settlements Cycle.	255
11.7 Confirmation and Validation.	257
11.8 Payment Procedures.	259
11.9 Invoices.	260
11.10 Instructions for Payment.	260
11.11 ISO's Responsibilities.	260
11.12 Non-payment by a Scheduling Coordinator.	261
11.13 Payment to ISO Creditors.	261
11.14 Using the ISO Reserve Account.	261
11.15 Prohibition on transfers.	262
11.16 Alternative Payment Procedures.	262
11.17 [DELETED]	262A
11.18 Payment Errors.	262A
11.19 Defaults.	263
11.20 Proceedings to Recover Overdue Amounts.	264
11.21 Data Gathering and Storage.	264
11.22 Confidentiality.	265
11.23 Communications.	265
11.24 ISO Payments Calendar.	266

	Sheet No. iv
12. AUDITS. 266	
12.1 Materials Subject to Audit.	266
12.2 ISO Audit Committee.	266
12.3 Audit Results.	268
12.4 Availability of Records.	268
12.5 Confidentiality of Information.	268
12.6 Payments.	269
13. DISPUTE RESOLUTION.	269
13.1 Applicability.	269
13.2 Negotiation and Mediation.	270
13.3 Arbitration.	272
13.4 Appeal of Award.	281
13.5 Allocation of Awards Payable by or to the ISO	282
14. LIABILITY AND INDEMNIFICATION.	284
14.1 Liability for Damages.	284
14.2 Exclusion of Certain Types of Loss.	284
14.3 Market Participant's Indemnity.	284
14.4 Potomac Economics, Ltd. Limitation of Liability.	284A
15. UNCONTROLLABLE FORCES.	285
16. ISO GRID OPERATIONS COMMITTEE; CHANGES TO ISO PROTOCO	DLS. 286
16.1 ISO Grid Operations Committee	286
16.2 ISO Protocol Amendment Process	286
16.3 Market Surveillance: Changes to Operating Rules and Protocols	286
17. ASSIGNMENT.	287
18. TERM AND TERMINATION.	287
19. REGULATORY FILINGS.	287
20. MISCELLANEOUS.	288
20.1 Notice.	288
20.2 Waiver.	289
20.3 Confidentiality.	289
20.4 Staffing and Training To Meet Obligations.	292.01
20.5 Accounts and Reports.	292.01
20.6 Titles.	292A
20.7 Applicable Law and Forum.	292A

		Sheet No	٥. ٢
	20.8 Consistency with Federal Laws and Regulations	293	
21	. GENERATION METER MULTIPLIERS.	294	
	21.1 Temporary Simplification Relating to GMM Loss Factors.	294	
	21.2 Application.	294	
	21.3 Notices of Full-Scale Operations.	295	
22.	SCHEDULE VALIDATION TOLERANCES.	295	
	22.1 Temporary Simplification of Schedule Validation Tolerances.	295	
	22.2 Application.	296	
	22.3 Notices of Full-Scale Operations.	296	
23.	METERED SUBSYSTEMS	297	
	23.1 General Nature of Relationship Between ISO and MSS	297	
	23.2 Coordination of Operations.	297	
	23.3 Coordinating Maintenance Outages of MSS Facilities.	297	
	23.4 MSS Operator Responsibilities.	297A	
	23.5 Scheduling by or on Behalf of a MSS Operator.	297B	
	23.6 System Emergencies.	297C	
	23.7 Under Frequency Load Shedding (UFLS).	297D	
	23.8 Electrical Emergency Plan (EEP)	297E	
	23.9 System Emergency Reports: MSS Obligations	297E	
	23.10 Coordination of Expansion or Modifications to MSS Facilities.	297E	
	23.11 Ancillary Service Obligations for MSS.	297F	
	23.12 Load Following	297F	
	23.13 Information Sharing.	2971	
	23.14 Installation of and Rights of Access to MSS Facilities.	297K	
	23.15 MSS System Unit	297L	
	23.16 MSS Settlements	297N	
24.	[NOT USED]	297P	
25.	[NOT USED]	297P	
26.	TEMPORARY CHANGES TO ANCILLARY SERVICES PENALTIES	297P	
	26.1 Application and Termination	297P	
27.	TEMPORARY RULE LIMITING ADJUSTMENT BIDS APPLICABLE TO DISPATCHABLE LOADS AND EXPORTS	297Q	
	27.1 Application and Termination	297Q	
28.	RULES LIMITING CERTAIN ENERGY AND ANCILLARY SERVICE BIDS	298	

Sheet No. v-a
298A
298A
298A
299
s 299
299A
299A
299A
299B
299B
299B
299C
s 299C
299C
Facilities 299D
300
358
363
367
369
372
388
ED 389
391

	Sheet No. vi
APPENDIX J - END-USE METER STANDARDS & CAPABILITIES	393
APPENDIX K - QUALIFYING FACILITY PARTICIPATING GENERATOR	
AGREEMENT	396
APPENDIX L - ISO PROTOCOLS	397