

SCHEDULE 1. IDENTIFICATION INFORMATION (All Respondents)

NERC Functional Area Categories: Transmission System Operators Purchasing and Selling Entities Transmission Owner

Survey Contact: Persons to contact with questions about this form

First Name: _____ Last Name: _____
Title: _____
Telephone: _____ E-mail: _____
Address: _____ City: _____
State: _____ Zip: _____

Supervisor Contact

First Name: _____ Last Name: _____
Title: _____
Telephone (include extension): _____ E-mail: _____
Address: _____ City: _____
State: _____ Zip: _____

Company and Federal Licenses

Name of Company: _____
Address: _____ City: _____
State: _____ Zip: _____

Presidential Permits (Transmission Owners):

a. <Permit Number> _____
b. <Permit Number> _____

Export Authorizations (Purchasing and Selling Entities): Month: _____ Year: _____

a. <Docket Number> _____
b. <Docket Number> _____

FERC EQR Filer Identification (Purchasing and Selling Entities):

a. <Number> _____
b. <Number> _____

For questions or additional information about the Form OE-781R, contact the Survey Manager:

Processing:
Name: TBD
Telephone: (202) 586-xxxx
Email: oe-781r@eia.doe.gov

Regulations:
Name: TBD
Telephone: (202) 586-xxxx
Email: oe-781r@eia.doe.gov

Respondent Name: _____

Respondent EIA ID: _____ Reporting Month/Year: _____

SCHEDULE 4A. CURRENT TRANSMISSION FACILITIES CROSSING BORDERS (Transmission Owners)

TRANSMISSION LINE IDENTIFICATION		Transmission Line (a) [] Check if no change required	Transmission Line (b) [] Check if no change required	Transmission Line (c) [] Check if no change required
1	TSIN IDENTIFICATION Number			
2	Terminal Location (From)			
3	Terminal Location (To)			
4	Utility Name (Owner)			
5	EIA Utility ID (Owner)			
6	Type of Organization (Owner)			
7	Percent Ownership			
TRANSMISSION LINE DATA				
8	Status of Transmission Facilities	[] OP [] NO [] AB	[] OP [] NO [] AB	[] OP [] NO [] AB
9	Line Length (miles)			
10	Line Type	[] OH [] UG [] SM	[] OH [] UG [] SM	[] OH [] UG [] SM
11	Voltage Type	[] AC [] DC	[] AC [] DC	[] AC [] DC
12	Voltage Operating (Kilovolts)			
13	Voltage Design (Kilovolts)			
14	Conductor Size (MCM)			
15	Conductor Material Type	(see list)	(see list)	(see list)
16	Bundling Arrangement	(see list)	(see list)	(see list)
17	Circuits per Structure Present			
18	Circuits per Structure Ultimate			
19	Pole/Tower Type	(see list)		(see list)
20	Capacity Ratings (Megavoltamperes)			

Respondent Name: _____

Respondent EIA ID: _____ Reporting Month/Year: _____

Legend

Line Type

OH = Overhead
UG = Underground
SM = Submarine

Voltage Type

AC = Alternating Current
DC = Direct Current

Conductor Material Type

AL = Aluminum
ACCR = Aluminum Composite Conductor
ACSR = Aluminum Core Steel Reinforced

Bundling Arrangement

1 = Single
2 = Double
3 = Triple
4 = Quadruple
5 = Other

Pole Type

P = Single Pole
H = H Frame
T = Tower
U = Underground
O = Other

Line and Facility Status

OP = Operating
NO = Not Operating
AB = Abandoned

Respondent Name: _____

Respondent EIA ID: _____ Reporting Month/Year: _____

SCHEDULE 4B. PROPOSED TRANSMISSION FACILITIES CROSSING BORDERS (Transmission Owners)

TRANSMISSION LINE IDENTIFICATION		Transmission Line (a) [] Check if no change required	Transmission Line (b) [] Check if no change required	Transmission Line (c) [] Check if no change required
1	TSIN IDENTIFICATION Number or Application Name			
2	Terminal Location (From)			
3	Terminal Location (To)			
4	Utility Name			
5	EIA Utility ID			
6	Type of Organization			
7	Percent Ownership			
TRANSMISSION LINE DATA				
8	Status of Transmission Projects	[] CN [] CL [] PJ	[] CN [] CL [] PJ	[] CN [] CL [] PJ
9	Line Length (miles)			
10	Line Type	[] OH [] UG [] SM	[] OH [] UG [] SM	[] OH [] UG [] SM
11	Voltage Type	[] AC [] DC	[] AC [] DC	[] AC [] DC
12	Voltage Operating (Kilovolts)			
13	Voltage Design (Kilovolts)			
14	Conductor Size (MCM)			
15	Conductor Material Type	(see list)	(see list)	(see list)
16	Bundling Arrangement	(see list)	(see list)	(see list)
17	Circuits per Structure Present			
18	Circuits per Structure Ultimate			
19	Pole/Tower Type	(see list)		(see list)
20	Capacity Ratings (Megavoltamperes)			
21	Projected In Service Date	(mm-yyyy)	(mm-yyyy)	(mm-yyyy)
22	Upgrade to Existing Line? If "Yes", Upgrade Capacity	[] Yes [] No Capacity:	[] Yes [] No Capacity:	[] Yes [] No Capacity:
23	Right-of-Way Use: (Check All That Apply)	[] New [] Existing [] Unknown	[] New [] Existing [] Unknown	[] New [] Existing [] Unknown
24	New Facilities: (Check All That Apply)	[] Improvement to Grid [] Other [] Improvement to Substation	[] Improvement to Grid [] Other [] Improvement to Substation	[] Improvement to Grid [] Other [] Improvement to Substation

Respondent Name: _____

Respondent EIA ID: _____ Reporting Month/Year: _____

Legend

Line Type

OH = Overhead
UG = Underground
SM = Submarine

Voltage Type

AC = Alternating Current
DC = Direct Current

Conductor Material Type

AL = Aluminum
ACCR = Aluminum Composite Conductor
ACSR = Aluminum Core Steel Reinforced

Bundling Arrangement

1 = Single
2 = Double
3 = Triple
4 = Quadruple
5 = Other

Pole Type

P = Single Pole
H = H Frame
T = Tower
U = Underground
O = Other

Project Line and Facility Status

CN = Cancelled
CL = Conceptual
PJ = Projected
PL = Planned
CO = Under Construction
TS = Testing

Respondent Name: _____

Respondent EIA ID: _____ Reporting Month/Year: _____

SCHEDULE 5. CHARACTERISTICS OF TRANSMISSION OPERATIONS (All Respondents)

System Capacity (Transmission System Operators)

Measure of Capacity	TSIN Interface Name: A		TSIN Interface Name: B		TSIN Interface Name: C	
	Imports	Exports	Imports	Exports	Imports	Exports

Thermal Limits at Time of Seasonal Peak (MW)

1	Summer Limit					
2	Winter Limit					

Total Transfer Capability for Season (TTC)

3	Summer TTC					
4	Winter TTC					

NERC and DOE Operating Requirements

	Imports	Exports	
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NERC Reliability Standards (Transmission System Operators)

5a	NERC Reliability Standards Exceeded-- count of suspected or actual occurrences		
5b	Cite what standards were exceeded.		

DOE Presidential Permits (Transmission Owners)

6a	Terms of Presidential Permits exceeded - count		
6b	Cite what terms were exceeded.		

DOE Export Authorizations (Purchasing and Selling Entities)

7a	Terms of Export Authorizations exceeded - count		
7b	Cite what terms were exceeded.		

