

<b>U.S. Department of Energy Office of Electricity Delivery and Energy Reliability Form OE-781R (2010)</b>	<b>MONTHLY ELECTRICITY IMPORTS AND EXPORTS REPORT</b>	<b>Form Approved OMB No. 1905-0296 Approval Expires 12/31/xxxx</b>
<p><b>PURPOSE</b> Form OE-781R collects international electric export/import data required pursuant to 10 Code of Federal Regulations 205.300-309. Pursuant to these regulations, holders of Export Authorizations (authorizations to export electric energy from the United States to foreign countries) and Presidential Permits (permits for the construction and operation of electric power transmission lines that cross the U.S. international border) are required to report monthly the flows of electric energy received or delivered, the cost and revenues associated with those transactions, related ancillary services, the characteristics of transmission operations, and the current and proposed capacities of cross-border lines. The data collected on this form may appear in the following Energy Information Administration (EIA) and Office of Electricity Delivery and Energy Reliability (OE) publications: <i>Electric Power Annual</i>, <i>Annual Energy Review</i>, <i>Annual Energy Outlook</i>, <i>Electric Power Monthly</i>, and <i>Transactions Across International Borders (OE)</i>.</p>		
<p><b>REQUIRED RESPONDENTS</b> Holders of Export Authorizations and Presidential Permits issued pursuant to 10 CFR section 205.300 and 10 CFR section 205.320 must file the Form OE-781R monthly. Other respondents are entities engaged in international commerce, classified under the following NERC functional categories: Transmission Operator (TOP), Purchasing and Selling Entity (PSE), and Transmission Owners (TO).</p>		
<p><b>RESPONSE DUE DATE</b> Submit the completed Form OE-781R for each month to the EIA no later than the last day of month following the reporting month. For example, if reporting data is for June, the survey is due on July 30.</p>		
<p><b>METHODS OF FILING RESPONSE</b> <b>The method for filing the Form OE-781R is via EIA's electronic forms (e-filing) system.</b> That system is secure, has built-in edits to catch errors before the form is submitted to EIA, saves time and effort, and reduces the likelihood of a callback from EIA. If you are not already validated in the system, log on to <a href="http://www.eia.doe.gov/electricity/edc">http://www.eia.doe.gov/electricity/edc</a> for instructions. If your firm's activities encompass multiple NERC functional categories (TOP, PSE, and TO), each group will require a unique validation code to help maintain the separation of scheduling and marketing information within the firm.</p> <p>There are other filing options if access to the Internet is not available:</p> <ul style="list-style-type: none"> <li>• E-mail the form to: <a href="mailto:OE-781R@eia.doe.gov">OE-781R@eia.doe.gov</a></li> <li>• Fax the form to: (202) 287-1959 or (202) 287-1960</li> <li>• Mail the form to: U.S. Department of Energy, Energy Information Administration, Mail Stop: BG-076 (Form OE-781R), 1000 Independence Avenue, SW, Washington, DC 20586-0690</li> </ul> <p>Note that commonly used facsimile and e-mail transmissions (including files attached to e-mail messages) travel over ordinary telephone lines and are not considered secure electronic methods of transmitting survey data. Please retain a copy of your submission for your files.</p>		
<p><b>CONTACTS</b> For questions regarding the Form OE-781R or additional information contact:</p>		
Processing: Michelle Bowles Telephone Number: (202) 586-2430 E-mail: <a href="mailto:michelle.bowles@eia.doe.gov">michelle.bowles@eia.doe.gov</a>	Responsible Office: Steve Mintz Telephone Number: (202) 586-9506 E-mail: <a href="mailto:steve.mintz@hq.doe.gov">steve.mintz@hq.doe.gov</a>	

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**GENERAL INSTRUCTIONS**

1. Verify all preprinted information, including company name(s); respondent name(s) and address (es); and contact name(s), telephone number(s), FAX number(s), title(s), and e-mail address (es). If incorrect, revise the incorrect entry and provide the correct information. State codes are two-character U.S. Postal Service abbreviations. (Canadian and Mexican Postal Service codes should be used for information supplied for U.S. affiliates submitted via their international headquarters location.) Provide any missing information.
2. The e-filing system will contain instructions and special drop-down menus to facilitate data inputs.
3. Companies having a Presidential Permit where the permit or authorization covers transmission lines at or less than one megawatt will be allowed to file all the monthly OE-781R data once in an annual filing. Those entities will be notified by EIA about choosing this optional filing method.

**ITEM-BY-ITEM INSTRUCTIONS**

**SCHEDULE 1. IDENTIFICATION INFORMATION (All Respondents)**

Specify the proper **Functional Area Category** by marking the applicable checkbox at the top of the form.

1. **Purchasing & Selling Entities – (PSE):** Purchasing & Selling Entities may be affiliated or unaffiliated merchants and may or may not own generating facilities.
2. **Transmission Operator – (TOP):** Transmission Operators oversee the electric power system operations.
3. **Transmission Owners – (TO):** Transmission owners own and maintain transmission facilities

**NOTE:** Depending on the category that the filer marks (e.g., **Transmission Operators** or **Purchasing & Selling Entities** or **Transmission Owners**), specific survey schedules and customized drop-down menus, pertaining strictly to that chosen category, will be presented to the filer throughout the electronic filing process.

1. **Survey Contact:** Verify contact name, title, address, telephone number, and e-mail address.
2. **Supervisor Contact:** Verify the contact’s supervisor’s name, title, address, telephone number, and e-mail address.
3. **Company Name:** Verify the name and address of the entity filing the survey.
4. **Presidential Permits:** For Transmission Owners, report your assigned **Presidential Permit number(s)** individually in the areas provided (e.g., PP73). (For ease of preparation, this information will autofill from last submission if e-filing is used.)
5. **Export Authorizations:** For Purchasing and Selling Entities, if applicable, report your **Export Authorization number(s)** individually in the areas provided, along with the corresponding reporting period (month and year date). Export Authorizations are required for export activities. (For ease of preparation, this information will autofill from the last submission if e-filing is used.)
6. **FERC EQR Filer Identification:** For Purchasing and Selling Entities, if applicable, report the Filer Identification Number assigned by the Federal Energy Regulatory Commission (FERC) for filing the Electric Quarterly Report (EQR). All entities holding a valid FERC tariff that authorizes

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the wholesale sale of imported electricity must file the EQR. (For ease of preparation, this information will autofill from the last submission if e-filing is used.)

**NOTE:** The filer will be allowed separate access to sections of the form to be completed for each North American Electric Reliability Corporation (NERC) functional category (Purchaser/Seller, Transmission Operator, and Transmission Owner). Companies that operate under multiple categories—e.g., both Purchaser/Seller and Transmission Operator—would have to register each activity as a separate filer using a different password.

**SCHEDULE 2A. IMPORTS—CONTRACTS AND FINANCE (Purchasing and Selling Entities)**

1. For Line 1, provide the scheduled level of imports and the associated payments for **Cost-of-Service Transactions –AND– Market Rate Transactions –AND– Exchanges**, indicating the delivery terms of the contract for each Transmission Services Information Network (TSIN) interface where those imports cross to the United States. **NOTE:** [The electronic copy of this survey form furnishes a drop-down menu of TSINs associated with each Purchasing and Selling Entity.](#) The contract delivery terms are grouped as: hourly sales, sales for the next year, sales for one or more years, and total sales. If specific delivery terms are not available, provide the total alone. A TSIN Interface refers to an interface between adjacent TSIN transmission systems on the U.S. and the Canadian or Mexican sides of the border. Within each U.S. TSIN, information on transmission and ancillary services is available on a non-discriminatory basis to meet the regulatory requirements of transmission open access.

The following instructions and definitions apply:

**Cost-of-Service Transactions.** For each TSIN interface and contract delivery term, supply the name and level of scheduled imports across that interface during the reporting period. Specify information on payments made for unbundled and bundled transactions, and the total dollar amount. Cost-of-service prices come from rate schedules that are set according to government regulation to allow the regulated entity to recover its costs of capital and operation. “Ancillary services” are those specific services defined as such by the FERC. “Bundled” refers to prices that cover energy, transmission, and ancillary services together. See Section 2C for a list of ancillary services.

**Market Rate Transactions.** For each TSIN interface and contract delivery term, supply the level of power for the scheduled imports during the reporting period. Supply the total payment information for electricity “Contracted,” “Booked-out,” and “Delivered.” Market rates are determined in an open market system of supply and demand. “Contracted” is the full value of all imports for the month in which the power was to flow.

Information reported under the term “Booked-out,” has to be consistent with the meaning in following Federal regulations and industry standards. The Federal Energy Regulatory Commission defines “Booked-out Power” as “Energy or capacity contractually committed bilaterally for delivery but not actually delivered due to some offsetting or countervailing trade (Transactions Only).” For the industry, the Financial Accounting Standards Board (FASB) has issued several statements from their Derivatives Implementation Group including Statement 133 Implementation Issue No C15 - Scope Exceptions: “Normal Purchases and Normal Sales Exceptions for Option-type Contracts and Forward Contracts in Electricity;” Statement 133 Implementation Issue No. A6. “Notional Amounts of Commodity Contracts;” and Statement 133 Implementation Issue No C10, “Scope Exceptions: Can Option Contracts and Forward Contracts with Optionality Features Qualify for the Normal Purchases and Normal Sales Exception?” Other amendments of Statement 133 and future amendments issued by the FASB and pronouncements

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are considered to be incorporated into the guidance for this form when they are officially released.

“Booked-out” is considered to be the value of sales back to the foreign entity. A sale that is entirely booked-out is classified as Booked-out Power. If a sale is only partially Booked-out, the sale is dually reported, partly as Booked-out and partly as Energy. Contracted energy minus Booked-out energy may not equal Delivered energy and such deviation will not cause a report to be non-conforming. Also, a reporting option is included in this schedule to allow the respondent to return to prior monthly reports submitted during the current reporting year to adjust their Booked-out values upon resolution/completion of transactions reported in the reported monthly summary that cover these activities. (These values will be tracked separately as preliminary.)

**Exchange Transactions.** For each TSIN interface and terms of delivery group, supply the level of power and total dollar amount for the gross receipt of exchange imports during the reporting period. In an exchange agreement, the U.S. entity accepts delivery of imports and later repays the foreign supplier in kind, at times and rates and in amounts as mutually agreed.

2. For Line 2, **Total Imports**, enter the total volumes and costs derived from all TSIN interfaces in Line 1.
3. For Lines 3 through 7, refer to the Glossary for clarification of each source of power generation. “System” refers to power acquired from the transmission system for which the fuel source is unknown. “Renewable” excludes hydropower. Lines 3 through 7 have to do with **scheduled imports and scheduled receipts of commercial** transactions, i.e., not those that fall under the terms of a treaty.  
**NOTE:** Skip the fields that are grayed-out, as they are not applicable for the line item.
4. Lines 8 through 14 address the disposition of electricity generated in Canada or Mexico that flows to the United States under the terms of U.S. treaties and other international agreements with Canada or Mexico governing the shared use of the water resources of major international river basins. (Information is filed by respondents having oversight responsibilities.) Such flows may be non-financial, where the United States receives electricity in exchange for additional water access or other considerations, or financial, where a cash payment is made in lieu of such other considerations.
5. For Lines 8 through 12, **Non-Financial**, provide information for the scheduled level of power flow taking place under the terms of U.S. treaties that apply to the indicated river systems. Lines 8 through 12 are for non-financial exchanges, where no dollars are exchanged and only the level of power is to be reported.  
**NOTE:** Skip the fields that are grayed-out, as they are not applicable for the line item.
6. For Lines 13 and 14, **Financial**, provide information for the scheduled level of power flow taking place under the terms of U.S. treaties and the associated total cost incurred. Lines 13 and 14 are for financial transactions, where dollars are exchanged between entities.  
**NOTE:** Skip the fields that are grayed-out, as they are not applicable for the line item.

**SCHEDULE 2B. EXPORTS—CONTRACTS AND FINANCE (Purchasing and Selling Entities)**

1. For Line 1, provide the scheduled level of exports and the associated cash receipts for **Cost-of-Service Transactions –AND– Market Rate Transactions –AND– Exchanges**, indicating the delivery terms of the contract for each Transmission Services Information Network (TSIN) interface where those exports cross out of the United States. **NOTE:** [The electronic filing of this](#)

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survey form furnishes a drop-down menu of TSINs for each Purchasing and Selling Entity. The contract delivery terms are grouped as: hourly sales, sales for the next year, sales for one or more years, and total sales. If specific delivery terms are not available, provide the total alone. See Line 1 instructions for Schedule 2A for TSIN definition and terms of delivery.

The following instructions and definitions apply:

**Cost-of-Service Transactions.** For each TSIN interface and terms of delivery group, supply the name and level of scheduled exports across that interface during the reporting period. Provide information on revenues from bundled (total) and unbundled transactions, and the total dollar amount received for unbundled transactions. Cost-of-service prices come from rate schedules that are set according to government regulation to allow the regulated entity to recover its costs of capital and operation. "Ancillary services" are those specific services defined as such by the FERC. "Bundled" refers to prices that cover energy, transmission, and ancillary services together. See Section 2C for a list of ancillary services.

**Market Rate Transactions.** For each TSIN interface and terms of delivery group, supply the level of power for the scheduled exports during the reporting period. Provide the total revenues for electricity "Contracted," "Booked-out," and "Delivered." Market rates are determined in an open market system of supply and demand and may recover less or more than full costs. "Contracted" is the full value of all exports for the month in which the power was to flow.

Information reported under the term "Booked-out," has to be consistent with the meaning in following Federal regulations and industry standards. The Federal Energy Regulatory Commission defines "Booked-out Power" as "Energy or capacity contractually committed bilaterally for delivery but not actually delivered due to some offsetting or countervailing trade (Transactions Only)." For the industry, the Financial Accounting Standards Board (FASB) has issued several statements from their Derivatives Implementation Group including the Statement 133 Implementation Issue No C15 - Scope Exceptions: "Normal Purchases and Normal Sales Exceptions for Option-type Contracts and Forward Contracts in Electricity;" Statement 133 Implementation Issue No. A6. "Notional Amounts of Commodity Contracts;" and Statement 133 Implementation Issue No C10, "Scope Exceptions: Can Option Contracts and Forward Contracts with Optionality Features Qualify for the Normal Purchases and Normal Sales Exception?" Other amendments of Statement 133 and future amendments issued by the FASB and pronouncements are considered to be incorporated into the guidance for this form when they are officially released.

"Booked-out" is considered to be the value of purchases back to the foreign entity. A sale that is entirely Booked-out is classified as Booked-out Power. If a sale is only partially Booked-out, the sale is dually reported, partly as Booked-out and partly as Energy. Contracted energy minus Booked-out energy may not equal Delivered energy and such deviation will not cause a report to be non-conforming. Also, a reporting option is included in this schedule to allow the respondent to return to prior monthly reports submitted during the current reporting year to adjust their Booked-out values upon resolution/completion of transactions reported in the reported monthly summary that cover these activities. (These values will be tracked separately as preliminary.)

**Exchange Transactions.** For each TSIN interface and contract delivery terms, supply the level of power and total dollar amount for the gross shipments of exchange exports during the reporting period. In an exchange agreement, the U.S. entity makes delivery of exports and later compensation from the foreign supplier in kind, at times and rates and in amounts as mutually agreed.

- For Line 2, **Total Exports**, enter the total volumes and revenues derived from all TSIN interfaces in Line 1.



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3. For Lines 3 through 7, refer to the Glossary of each source of power generation. "System" refers to exported power acquired from the interconnected power system for which the fuel source is unknown. "Renewable" excludes hydropower. Lines 3 through 7 have to do with **scheduled exports** and **scheduled receipts of commercial** transactions, i.e., not those that fall under the terms of a treaty.  
**NOTE:** Skip the fields that are grayed-out. They are not applicable for the line item.
4. Lines 8 through 14 address the disposition of electricity generated in the United States that flows to Canada or Mexico under the terms of U.S. treaties and other international agreements with Canada or Mexico that govern the shared use of the water resources of major international river basins. (Information is filed by respondents having oversight responsibilities.) Such flows may be non-financial, where the United States delivers electricity in exchange for additional water access or other considerations. Transactions may involve the physical exchange of electricity between countries or the transactions may also be financial, where a cash payment is taken in lieu of such other considerations. The dollars (US) associated with these exchanges, if any, will be reported in the same row as the volume and shown in the appropriate financial column.
5. For Lines 8 through 12, **Non-Financial**, provide information for the level of power flowing under the terms of U.S. treaties that apply to the indicated river systems. Lines 8 through 12 are for the non-financial exchanges, where no dollars are exchanged, and only the level of power is to be reported.  
**NOTE:** Skip the fields that are grayed-out. They are not applicable for the line item.
6. For Lines 13 and 14, **Financial**, provide information for the level of power under the terms of U.S. treaties and the associated total payment received. Lines 13 and 14 are for financial transactions, where dollars are exchanged between entities.  
**NOTE:** Skip the fields that are grayed-out. They are not applicable for the line item.

**SCHEDULE 2C. MONTHLY ANCILLARY SERVICES PROVIDED, VALUE OF SERVICES, AND OTHER KEY SYSTEM SUPPORT (Purchasing and Selling Entities)**

**Respondents** need to supply this information for each international TSIN interface that they use. **NOTE:** [The electronic copy of this survey form furnishes a drop-down menu of relevant TSIN interface for each Purchasing and Selling Entity.](#)

1. For Line 1, **Total Ancillary Services**, indicate for each interface whether the sources of ancillary services in whole or part for the month are **Power Suppliers, 3<sup>rd</sup> Parties**, or **both**. Make this indication by entering either a **Y** (for Yes), **N** (for No), or **U** (for Unknown).  
  
In addition, furnish the **total cost** of these services in the **US Dollars** column.  
  
Do this step for both the **Imported Services** and the **Exported Services**.  
  
"Ancillary services" are services that ensure reliability and support the transmission of electricity. Specific services to be included here are those reported in the FERC Electricity Quarterly Report (EQR). Respondents should refer to the EQR data dictionary, listed in the Glossary, for definitions of each ancillary service and other key system support services.
2. For Line 2, **Real Power Transmission Losses**, indicate for each interface whether replacement power for the real power transmission loss was provided in whole or part for the month by **Power Suppliers, 3<sup>rd</sup> Parties**, or **both**. Make this indication by entering either a **Y** (for Yes), **N** (for No),

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or **U** (for Unknown).

In addition, furnish the **total cost** in the **U.S. Dollars** column.

Do this step for both the **Imported Services** and the **Exported Services**.

- For Lines 3 through 11, for the columns labeled **Imported Services – U.S. Side** and **Exported Service** label, there is a field that says, “**Check if No Change Required.**” Place a checkmark inside the brackets [✓] if there has been no change since the last survey submission.
- For Lines 3 through 11, review each column heading, and place a checkmark in each field to indicate whether each service was provided in whole or part for the month by **Power Suppliers** or **3<sup>rd</sup> Parties**, and whether the costs of that service were bundled with power costs or transportation costs. Provide that same information for both imports (if provided on the U.S. side of the border) and exports. If not applicable, leave the field blank.

**SCHEDULE 3. OPERATION FLOWS, IMPORTS AND EXPORTS (Transmission Operators - system)**

**Respondents** need to supply this information for each TSIN interface in their system. (The unit of volume is megawatts.) **NOTE:** [The electronic copy of this survey form furnishes a drop-down menu of TSINs and source-sink combos for all Transmission Operators \(TOPs\).](#)

- For Line 1, **Total Power Flow for Month**, provide total scheduled **imports** falling under **Firm** transmission contract terms, **Non-firm** transmission contract terms, and the **total**. “Firm” power is intended to meet the demand requirements of a utility’s customers; there are no planned interruptions of service under that type of delivery agreement. “Non-Firm” power is subject to curtailment or cessation by the supplier in accordance with prior agreement.

In addition, provide the information for total scheduled **exports** falling under **Firm** transmission contract terms, **Non-firm** transmission contract terms, and the **Total**.

Next, provide the **Actual** level of power that was transmitted across the interface –AND– the **Inadvertent** level of power that was transmitted. “Actual” power is the metered flow. “Inadvertent” is the difference between scheduled and actual transmissions.

- For Line 2, **Foreign Source and U.S. Destination Combinations**, for each interface, provide the scheduled imports falling under the **Firm** transmission contract term, **Non-firm** transmission contract term, and the **Total**. Provide this for each foreign source and U.S. destination combination. (A drop-down menu is supplied for ease of entry.)
- For Line 3, **U.S. Source and Foreign Destination Combinations**, for each interface, provide the scheduled exports falling under the **Firm** contract term, **Non-firm** contract term, and the **Total**. Provide this for each U.S source and foreign destination combination. (A drop-down menu is supplied for ease of entry.)
- For Lines 4 and 5, “System” refers to power acquired from a foreign transmission system or merchant for which the fuel source is unknown. “Non System” refers to all other power flows. Lines 4 and 5 have to do with **scheduled imports under commercial transactions**—i.e., not those that fall under the terms of a treaty.
- Line 6 refers to imports taking place under the terms of U.S. treaties.  
**NOTE:** Skip the fields that are grayed-out. They are not applicable to the line item.

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6. For Lines 7 and 8, “System” refers to power acquired from a U.S. transmission system or merchant for which the fuel source is unknown. “Non-system” refers to all other power flows. Lines 7 and 8 have to do with **scheduled exports under commercial transactions**—i.e., not those that fall under the terms of a treaty.
7. Line 9 refers to exports taking place under the terms of U.S. treaties.  
**NOTE:** Skip the fields that are grayed-out, as they are not applicable to the line item.

**SCHEDULE 4. CHARACTERISTICS OF TRANSMISSION OPERATIONS  
(All Respondents – but each under different categories)**

**Sections** on Capacity are to be filled in by Transmission Operators only. The Section on DOE Presidential Permits is for Transmission Owners only. The section on DOE Export Authorizations is for Purchasing and Selling Entities only. **NOTE:** [The electronic copy of this survey form furnishes a drop-down of the relevant section\(s\) of this survey and relevant TSIN interfaces for each entity responding.](#)

1. For Line 1, **Summer Limit**, for each TSIN interface, provide the **Summer Thermal Limits** for both the imports and exports. “Thermal limit” is the maximum load in megawatts (MW) that a transmission line can carry without suffering heat-related deterioration of line equipment. “Summer” is the period June 1 though September 30.
2. For Line 2, **Winter Limit**, for each interface, provide the **Winter Thermal Limits** for both the imports and exports. (See Line 1 for the definition of “Thermal limit.”) “Winter” is the period December 1 through the end of February.
3. For Line 3, **Summer Total Transfer Capability (TTC)**, for each interface, provide the Summer period TTC for both the imports and exports. “TTC” is the amount of electric power that can be transferred over the interface in a reliable manner while meeting pre-set contingency requirements.
4. For Line 4, **Winter Total Transfer Capability (TTC)**, for each interface, provide the Winter period TTC for both the imports and exports.
5. For Line 5a, for all international interfaces crossed, provide a **count of the occurrences (if any) when the terms of Presidential Permits** held were exceeded, for both imports and exports.
6. Line 5b, for all international interfaces crossed, cite **what terms were exceeded** (if any).
7. For Line 6a, for all international interfaces crossed, provide a **count of the occurrences (if any) when the terms of Export Authorizations** held were exceeded, both imports and exports.
8. Line 6b, for all international interfaces crossed, cite **what terms were exceeded** (if any).

**SCHEDULE 5A. CURRENT TRANSMISSION FACILITIES CROSSING BORDERS  
(Transmission Owners)**

**Transmission Line Identification**

**NOTE:** Filers need to provide this information for each transmission line crossing the border. A column, referred to in the schedule as lines **a, b, c**, etc., will be provided to file information on all your current line(s). **NOTE:** [The electronic copy of this survey form furnishes a drop-down menu of cross-border](#)



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transmission lines for each TOP. For each line, set information on TSIN identification, terminal locations, owners and EIA utility IDs also will drop-down.

1. For Line 1a, **Presidential Permit Number**, enter the assigned number that was provided by DOE when your authorization was approved.
2. For Line 1b, **TSIN Identification Number**, enter this number. If there is NO change to the transmission line since the last reporting period, click inside the **brackets [ ]** within the column heading. A checkmark will be inserted within the brackets [ ] to indicate that no change is required.
3. For Line 2, **Terminal Location (From)**, enter the name of the **beginning terminal point** of the line.
4. For Line 3, **Terminal Location (To)**, enter the name of the **ending terminal point** of the line.
5. For Line 4, **Utility Name (Owner Name)**, enter the name of the **utility**, including the **owner's name**.
6. For Line 5, **EIA Utility ID of Owner**, enter the **utility ID** of the owner, according to the code assigned by EIA.
7. For Line 6, **Type of Organization**, identify the **type of organization** that best represents the line owner, including the following types of utilities – Investor-owned (I), Municipality (M), Cooperative (C), State-owned (S), Federally-owned (F), or other (O).
8. For Line 7, **Percent Ownership**, enter the **percentage owned** by each individual respondent.
9. For Line 8, **Status of Transmission Facilities**, enter the **applicable status**: OP = Operating, NO = Not Operating, AB = Abandoned.
10. For Line 9, **Line Length**, enter the **number of miles between the beginning and ending terminal points** of the line (regardless of the number of conductors or circuits carried).
11. For Line 10, **Line Type**, select the **physical location of the line conductor** (OH = Overhead, UG = Underground, SM = Submarine).
12. For Line 11, **Voltage Type**, enter the **voltage type** (AC = Alternating Current, DC = Direct Current).
13. For Line 12, **Voltage Operating (Kilovolts)**, enter the **voltage at which the line is normally operated** in kilovolts (kV).
14. For Line 13, **Voltage Design (Kilovolts)**, enter the **voltage at which the line was designed to operate** in kilovolts (kV).
15. For Line 14, **Conductor Size (MCM)**, enter the **size of the line conductor** in thousands of circular mils (MCM).
16. For Line 15, **Conductor Material Type**, enter the **conductor material type** (AL = Aluminum, ACCR = Aluminum Composite Conductor, ACSR = Aluminum Core Steel Reinforced).

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17. For Line 16, **Bundling Arrangement**, enter the **bundling arrangement/configuration of the line conductors** (e.g., 1 = Single, 2 = Double, 3 = Triple, 4 = Quadruple, and 5 = Other).
18. For Line 17, **Circuits per Structure Present**, enter the current number of **three-phase circuits on the structures of the line**.
19. For Line 18, **Circuits per Structure Ultimate**, enter the **ultimate number of three-phase circuits** that the structures of the line are designed to accommodate.
20. For Line 19, **Pole/Tower Type**, identify the predominant **pole/tower material** for the line (P = Single Pole, H = H Frame, T = Tower, U = Underground, O = Other).
21. For Line 20, **Capacity Rating (megavoltamperes)**, enter the **normal load-carrying capacity** of the line in millions of volt-amperes (MVA).

**SCHEDULE 5B. PROPOSED TRANSMISSION FACILITIES CROSSING BORDERS  
(Transmission Owner)**

**Transmission Line Identification**

**NOTE:** Respondents must provide this information for each transmission line crossing the border. A column, referred to here as lines **a, b, c**, etc., will be provided for each proposed line. **NOTE:** [The electronic copy of this survey form furnishes a drop-down menu of names for proposed cross-border transmission lines previously entered for each TOP. If a TSIN identification number has been assigned, set information available for each line also will drop down.](#)

1. For Line 1a, **Presidential Permit Number**, enter the conditional number that is assigned by DOE to your request for line authorization.
2. For Line 1b, **TSIN Identification Number**, enter this number, if known. If there is NO change to the transmission line since the last reporting period, click inside the **brackets [ ]** within the column heading. A checkmark will be inserted within the brackets [ ] to indicate that no change is required.
3. For Line 2, **Terminal Location (From)**, enter the name of the **beginning terminal point** of the line.
4. For Line 3, **Terminal Location (To)**, enter the name of the **ending terminal point** of the line.
5. For Line 4, **Utility Name**, enter the name of the **utility**.
6. For Line 5, EIA Utility ID, enter the **utility ID**, according to the code assigned by EIA.
7. For Line 6, **Type of Organization**, identify the **type of organization** that best represents the line owner, including the following types of utilities – Investor-owned (I), Municipality (M), Cooperative (C), State-owned (S), Federally-owned (F), or other (O).
8. For Line 7, **Percent Ownership**, enter the **percentage owned** by each individual respondent.

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9. For Line 8, **Status of Transmission Projects**, enter the **applicable status** (CN = Cancelled, CL = Conceptual, PL = Planned, CO = Under Construction).
10. For Line 9, **Line Length**, enter the **number of miles between the beginning and ending terminal** points of the line (regardless of the number of conductors or circuits carried.)
11. For Line 10, **Line Type**, select the **physical location of the line conductor** (OH = Overhead, UG = Underground, SM = Submarine).
12. For Line 11, **Voltage Type**, enter the **voltage type** (AC = Alternating Current, DC = Direct Current).
13. For Line 12, **Voltage Operating (Kilovolts)**, enter the **voltage at which the line is normally operated** in kilovolts (kV).
14. For Line 13, **Voltage Design (Kilovolts)**, enter the **voltage at which the line was designed to operate** in kilovolts (kV).
15. For Line 14, **Conductor Size (MCM)**, enter the **size of the line conductor** in thousands of circular mils (MCM).
16. For Line 15, **Conductor Material Type**, enter the **conductor material type** (AL = Aluminum, ACCR = Aluminum Composite Conductor, ACSR = Aluminum Core Steel Reinforced).
17. For Line 16, **Bundling Arrangement**, enter the **bundling arrangement/configuration of the line conductors** (e.g., 1 = Single, 2 = Double, 3 = Triple, 4 = Quadruple, and 5 = Other).
18. For Line 17, **Circuits per Structure Present**, enter the current number of **three-phase circuits on the structures of the line**.
19. For Line 18, **Circuits per Structure Ultimate**, enter the **ultimate number of three-phase circuits** that the structures of the line are designed to accommodate.
20. For Line 19, **Pole/Tower Type**, identify the predominant **pole/tower material** for the line (P = Single Pole, H = H Frame, T = Tower, U = Underground, O = Other).
21. For Line 20, **Capacity Rating (megavoltamperes)**, enter the **normal load-carrying capacity** of the line in millions of volt-amperes (MVA).
22. For Line 21, **Projected In-Service Date**, enter the projected month and year that the facility will enter service (mm-yyyy).
23. For Line 22, **Upgrade to Existing Line**, indicate whether the project represents an upgrade to an existing facility (check [yes] or [no]).
24. For Line 23, **Right-of-Way Use**, indicate whether a line project will use a new or existing right-of-way (check all that apply: [new] [existing] [unknown]).
25. For Line 24, **New Facilities**, indicate whether a project represents an improvement to the grid, to substation, or other.

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**GLOSSARY**

Additional terms related to this form are available online at:

[www.ferc.gov/docs-filing/eqr/news-help/require-guide.pdf](http://www.ferc.gov/docs-filing/eqr/news-help/require-guide.pdf) (FERC "Electric Quarterly Report, Filing Requirements Guide")

[www.ferc.gov/docs-filing/eqr/soft-Tools/eqrdatadictionary.pdf](http://www.ferc.gov/docs-filing/eqr/soft-Tools/eqrdatadictionary.pdf) (FERC "Electric Quarterly Data Dictionary Version 1.0")

[www.tsin.com/glossary.html](http://www.tsin.com/glossary.html) (NERC, Archived Glossary of OASIS Terms)

[www.nerc.com/files/glossary\\_12Feb08.pdf](http://www.nerc.com/files/glossary_12Feb08.pdf) (NERC Glossary of Terms used in Reliability Standards)

[www.eia.doe.gov/glossary/index.html](http://www.eia.doe.gov/glossary/index.html) (EIA, Energy Glossary)

**SANCTIONS**

The terms and conditions of an electricity export authorization and Presidential permit for the construction, operation, maintenance, and connection of an international electric transmission facility issued by DOE require the holder of such an authorization or permit to submit the information and data necessary to complete Form OE-781R in a timely and accurate manner. The timely submission of Form OE-781R by those required to report also is mandatory under Section 13(b) of the Federal Energy Administration Act of 1974 (FEAA) (Public Law 93-275), as amended.

Failure to respond may result in a penalty of not more than \$2,750 per day for each civil violation, or a fine of not more than \$5,000 per day for each criminal violation. The Government may bring a civil action to prohibit reporting violations, which may result in a temporary restraining order or a preliminary or permanent injunction without bond. In such civil action, the court may also issue mandatory injunctions commanding any person to comply with these reporting requirements. Title 18 U.S.C. 1001 makes it a criminal offense for any person knowingly and willingly to make to any Agency or Department of the United States any false, fictitious, or fraudulent statements as to any matter within its jurisdiction.

Obtaining a valid Order from DOE authorizing the export of electricity under section 202(e) of the Federal Power Act (FPA) is a necessary condition before engaging in the export. Failure to obtain such an Order, or continuing to export after the expiration of such an Order, may result in a denial of authorization to export in the future and subject the exporter to sanctions and penalties under the FPA. Also, a violation of any terms or conditions of the Order authorizing the electricity export, including the failure to submit timely and accurate reports, may result in the loss of authority to export electricity and subject the holder of such authorization to sanctions and penalties under the FPA.

**REPORTING BURDEN**

Public reporting burden for this collection of information is estimated to average 7.8 hours per respondent, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to the Energy Information Administration, Statistics and Methods Group, EI-70, 1000 Independence Avenue S.W., Forrestal Building, Washington, D.C. 20585-0670; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503. A person is not required to respond to the collection of information unless the form displays a valid OMB number.

**PROTECTED INFORMATION**

Information reported on Form OE-781R will not be treated as confidential and may be publicly released in identifiable form. In addition to the use of the information by EIA for statistical purposes, the information may be used for any nonstatistical purposes, such as administrative, regulatory, law enforcement, or adjudicatory purposes by OE.

