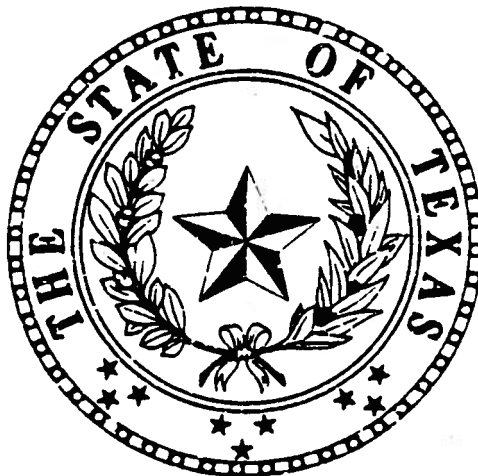


**ELECTRIC UTILITY
FUEL RECONCILIATION
FILING PACKAGE
FOR GENERATING UTILITIES**



Public Utility Commission of Texas

November 23, 1993

SECTION I

INSTRUCTIONS

FOR

COMPLETING*

ELECTRIC UTILITY

FUEL RECONCILIATION

FILING PACKAGE

FOR GENERATING UTILITIES

***To be used in conjunction with forms contained in Section II.**

PUBLIC UTILITY COMMISSSION OF TEXAS
FUEL RECONCILIATION FILING PACKAGE

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GENERAL INSTRUCTIONS

Where information, data or representations are required by the Substantive Rules but are not set forth in the specific schedules of this package, companies shall set forth such information in testimony and/or additional schedules to be filed with this filing package.

The following instructions are applicable to all schedules required in the fuel reconciliation filing package (FRFP), unless otherwise noted.

1. Schedules shall be referenced by schedule number and name as indicated in each instruction and shall identify the witness sponsoring the schedule. Schedules which are not applicable shall be so designated.
2. Concurrently with the filing of the FRFP, the utility must also separately file with the Commission sixteen (16) complete sets of workpapers used in the preparation of certain schedules, subject to the provisions of General Instruction No. 5 dealing with voluminous workpapers. In addition, one (1) complete set of the same workpapers shall be delivered to the Office of Public Counsel on the date of filing. Upon request by any person to the company who intends to intervene and has forwarded a request to the company (which request may be made prior to any anticipated fuel reconciliation filing), the utility will furnish to such person a set of the workpapers filed with the Commission.
 - a. Workpaper referencing format: The workpaper reference shall always begin with the characters "WP/" followed by the schedule to which the workpaper refers. Specific workpapers shall then be referenced by ascending numbers. The resulting series of workpapers shall have a pyramid structure, with the top workpaper (the workpaper with the least complicated reference, for example, WP/FR-5) being the workpaper which directly reflects the amounts shown on a particular schedule (in this case, Schedule FR-5). The next level down the pyramid (using the FR-5 series, this would be WP/FR-5/1) would contain information which explains a portion of the top workpaper (in this case, WP/FR-5). Each successive level down the pyramid would explain something from the next higher level.
 - b. Workpaper content: All assumptions, calculations, sources, and data supporting* increases or decreases to the reconciliation period expense and/or balances shall be included in the workpaper supporting each schedule. In addition, specific numbers which "tie" between the schedule and the workpaper must be so referenced.

* Where available, third party documentation is required.
 - c. Workpaper location: All workpapers not considered voluminous (see General Instruction No. 5, below) shall be organized and appear in the same order as the schedules they support.
3. Certain schedules request information on diskette. For those schedules, the diskettes requested need not be filed as a part of the fuel reconciliation filing package, but shall be available upon request on the date of filing. The information on diskette shall be in Lotus 1-2-3 (preferred), Lotus Symphony, Microsoft Excel or ASCII format on MS-DOS formatted computer diskette. Any party requesting information on diskette shall provide the necessary diskettes to the utility upon request.
4. Confidentiality: The utility may allege that some information requested within the fuel reconciliation filing package requirements is proprietary and confidential. For such schedules, a statement to that effect shall be included in the location of each such schedule within the fuel reconciliation filing package. Unless the utility is alleging that all of the information in a schedule or page is proprietary and/or confidential under law, the utility shall include the schedule or page in the fuel reconciliation filing package with the specific information alleged to be proprietary and/or confidential deleted, aggregated, or summarized as necessary to preserve the alleged legal protection. The utility shall include with the

fuel reconciliation filing package its completed pleadings, including sworn affidavits of facts alleged, supporting its claim that the information is proprietary and/or confidential. On the date of filing its fuel reconciliation filing package, the utility shall also provide directly to the Hearings Division a copy, to be held pending in camera inspection, of the information alleged to be confidential and/or proprietary. The alleged confidential and/or proprietary information shall be made available in Austin on the date of filing of the fuel reconciliation application. Access to such information shall be allowed for those parties executing the Confidentiality Disclosure Agreement which the utility has provided as a part of the fuel reconciliation application. The format of the Confidentiality Disclosure Agreement is shown in Schedule FR-23.

5. **Voluminous material:** For any individual schedule or supporting workpaper that consists of 250 or more pages, the company may designate such information as voluminous. All voluminous material shall be made available in a designated location in Austin on the date of filing. If the volume of the data meets the threshold for the "freight car doctrine" [eight (8) linear feet of documents], the requested material shall be made available at its normal repository on the date of filing. The utility shall provide a schedule detailing all normal repositories and cross-reference all FRFP schedules to the information contained in those repositories. For the purpose of instruction #5, each subpart of each section is a separate schedule (e.g., Schedules FR-1, FR-2, FR-4.1, etc., are all separate schedules).

The utility shall deliver a copy of any voluminous materials not subject to the "freight car doctrine" to both General Counsel and the Office of Public Utility Counsel upon request.

6. Certain schedule titles are followed by "(see attached form)." Where such a notation appears, the format for the schedule is provided in the "Forms" section of the fuel reconciliation filing package.

DEFINITION OF TERMS AND ACRONYMS

ADFIT	Accumulated Deferred Federal Income Taxes
AFUDC	Allowance for Funds Used During Construction
Btus	British Thermal Units
CFC	National Rural Utilities Cooperative Financing Corporation
COS	Cost of Service
CWIP	Construction Work In Progress
FASB	Financial Accounting Standards Board (often used to refer to official pronouncements of the Board).
FERC	Federal Energy Regulatory Commission
FIT	Federal Income Tax
GAAP	Generally Accepted Accounting Principles
IRS	Internal Revenue Service
IDC	Interest During Construction
ITC	Investment Tax Credit
kW	Kilowatt
kWh	Kilowatt hour
MMBtu	Million Btus
MW	Megawatt
MWh	Megawatt hour
NOL	Net Operating Loss
O&M	Operations & Maintenance
PUC/PUCT	Public Utility Commission of Texas
QF	Qualifying Facility
QPE	Qualified Progress Expenditures
REA	Rural Electrification Administration
FRFP (FRFPkg)	Fuel Reconciliation Filing Package, fuel reconciliation application
TRA	Tax Reform Act of 1986
TY	Test Year
TYE	Test Year End
WCA	Working Cash Allowance
Short Term Assets	Those assets whose useful lives will likely end within the space of one 12 month period.
Other Cost Free Capital	Reductions to rate base for capital provided without cost to the company in categories other than customer deposits, property insurance reserve, or injuries and damages reserve.
Non-Working Cash Expenses	Expenses not included in the 1/8th O&M working cash allowance.

Schedule FR-1: Fossil Fuel Inventories

Schedule FR-1.1: Inventory Policies

This schedule shall present the utility's fossil fuel inventory policies which were in effect during the reconciliation period. Identify the time period over which each policy existed.

Schedule FR-1.2: Inventory Values

This schedule shall present a complete description of the accounting treatment of how the utility determines the cost and Btu content of fossil fuel burned from inventory. Include the method of determining the cost of fossil fuel burned from inventory (FIFO, LIFO, average, or specify if other).

Schedule FR-2: Fossil Fuel Supply Disruptions

Schedule FR-2.1: Fuel Oil Burns

This schedule shall present by month, by plant, and by reason, the amount of fuel oil burned in barrels, MMBtu, and dollars. This information shall be presented for the reconciliation period in the following format:

Plant A	Fuel Oil Burned and Reason			
Month	<u>Curtailment</u>	<u>Testing</u>	<u>Inventory Reduction</u>	<u>Ignition/ Startup</u>
	<u>bbl</u> <u>MMBtu</u> <u>\$</u>	<u>bbl</u> <u>MMBtu</u> <u>\$</u>	<u>bbl</u> <u>MMBtu</u> <u>\$</u>	<u>bbl</u> <u>MMBtu</u> <u>\$</u>
1				
2				
:				

Schedule FR-2.2: Natural Gas Supply Disruptions

This schedule shall include documentation and a complete description of each occurrence for the reconciliation period when firm natural gas supplied under a contract of 3 months or more was curtailed to the utility's fossil fuel-fired stations, including:

1. Date.
2. Duration.
3. Units affected.
4. Curtailing natural gas company.

5. Reason for the curtailment.
6. Company response to the curtailment.

Schedule FR-2.3: Coal or Lignite Supply Disruptions

This schedule shall include documentation and a complete description of each occurrence exceeding 24 hours for the reconciliation period when coal or lignite could not be delivered to the utility's coal- or lignite-fired stations, including:

1. Date.
2. Duration.
3. Units affected.

If inventory was burned as a result of the disruption, then also include:

4. Inventory burned, in tons, MMBtu, and dollars.
5. Reason for burning from inventory.
6. Size of the stockpile when deliveries resumed.

This schedule should include, but not be limited to, force majeure events invoked by the railroad or supplier.

Schedule FR-3: Unit Outages

Schedule FR-3.1: Nuclear Unit Outage

Schedule FR-3.1a: Nuclear Unit Outage History (see attached form)

For each nuclear unit list the outages as reported to the Nuclear Regulatory Commission (NRC) in the "Monthly Operating Reports," in a column form, for unit unplanned, forced, and scheduled outages and power reductions that occurred during the fuel reconciliation period:

1. Unit name.
2. Outage or power reduction number (90-3) (Year -Sequential Number).
3. Date started.
4. Date ended.

5. Duration of outage or power reduction in hours.
6. Type of outage or power reduction [Forced (F) or Scheduled (S)].
7. If power reduction, indicate the amount of power reduction (MWs) and maximum power level permitted (MW).
8. Method of shutting down unit [Manual (M) (controlled shutdown), Manual Trip (MT), Automatic Trip (AT), or Other (O)].
9. Reason for outage or power reduction and remarks.

Schedule FR-3.1b: Nuclear Unit Outage Data (see attached form)

For refueling and mid-cycle outages that occurred during the fuel reconciliation period, provide the following information for each nuclear unit in a tabular form:

1. Unit name and outage number.
2. Date of commercial operation (day, month, year).
3. For each refueling or mid-cycle outage, list the originally scheduled start date, end date (day, month, year), and length of outage (days).
4. For each refueling or mid-cycle outage, list the actual start date, end date (day, month, year), and length of outage (days).

Schedule FR-3.2: Fossil Unit Outage

Schedule FR-3.2a: Fossil Unit Forced Outage History (see attached form)

For each fossil unit list the outages in a column form, for unit unplanned and forced outages that occurred during the fuel reconciliation period:

1. Unit name.
2. Date started.
3. Date ended.
4. Duration of outage or power reduction in hours.
5. Reason for outage and remarks.

Schedule FR-3.2b: Fossil Unit Planned Outage Data (see attached form)

For scheduled outages that occurred during the fuel reconciliation period, provide the following information for each fossil unit in a tabular form:

1. Unit name.
2. For each scheduled outage, list the scheduled start date, end date (day, month, year), and length of outage (days).
3. For each scheduled outage, list the actual start date, end date (day, month, year), and length of outage (days).
4. Reason for outage and remarks.

Schedule FR-3.3: Incremental Outage Costs

Schedule FR-3.3a: Nuclear Unit Incremental Outage Costs (see attached form)

For each nuclear unit outage provide the following incremental cost information for the reconciliation period in a tabular form:

1. FERC account number.
2. Description of account.
3. Actual expense.

Also provide the plant name, unit designation, outage number, actual outage start date, actual outage end date, and outage duration (days). Do not report outage costs under \$500,000 (five hundred thousand dollars). The incremental cost information this schedule is requiring shall include planned and unplanned outages costs [O&M costs (excluding fuel costs)].

Schedule FR-3.3b: Fossil Unit Incremental Outage Costs (see attached form)

Provide the same information listed in Schedule FR-3.3a above, for fossil unit outages in the same format.

Schedule FR-4: Technical Data (see attached forms)

The schedules listed below shall address the information requested and use the general format indicated on each individual schedule. If the general format needs to be altered to provide the requested information, provide a

brief explanation for the modification. Requested data should be supplied by unit where available; otherwise, plant data should be provided. See attached forms for the following:

- Schedule FR-4.1: Supply and Load Data
- Schedule FR-4.2: Summary of Generating Unit Data
 - Schedule FR-4.2a: Unit Data

Note: A summary page by fuel type shall be provided and the units for which data are supplied in this schedule shall be grouped by fuel type.

Schedule FR-4.2b: Unit Characteristics

Note: Schedule FR-4.2b shall be filled out with the initial filing pursuant to this revision. Only updates to the initial filing are required in subsequent filings.

- Schedule FR-4.2c: Efficiency and Control Systems
- Schedule FR-4.3: Summary of Purchased Power Data
 - Schedule FR-4.3a: Firm Purchased Power
 - Schedule FR-4.3b: Firm Purchased Power Energy Costs
 - Schedule FR-4.3c: Firm Purchased Power Fixed Costs
 - Schedule FR-4.3d: Firm Purchased Power Energy Costs Per MWh
 - Schedule FR-4.3e: Non-Firm Purchased Power
 - Schedule FR-4.3f: Non-Firm Purchased Power Energy Costs
 - Schedule FR-4.3g: Non-Firm Purchased Power Energy Costs per MWh
- Schedule FR-4.4: Summary of System Sales Data
 - Schedule FR-4.4a: Line Losses & System's Own Use
 - Schedule FR-4.4b: Off-System Sales (Economy & Firm)
 - Schedule FR-4.4c: Off-System Sales Revenue (Energy Charge Component)
 - Schedule FR-4.4d: Off-System Sales Revenue (Fixed Charge Component)
 - Schedule FR-4.4e: Off-System Sales Revenue (Energy Charge per kWh)
 - Schedule FR-4.4f: On-System Sales (Wholesale & Retail)

Schedule FR-5: Fuel and Purchased Power Procurement Practices

This schedule shall include a thorough and detailed narrative for the fuel and purchased power procurement practices and procedures, both short-term and long-term, of the utility during the reconciliation period.

Schedule FR-6: Fuel and Purchased Power Committees

This schedule shall include, for the reconciliation period, a description of all formal committees and similar groups that are comprised partly or wholly of utility (or affiliate) personnel that investigate, review, recommend, approve, or otherwise consider fuel- or purchased power-related matters directly affecting the utility. For each group identified, include the following:

1. Committee name.
2. Membership (name/title/company).
3. Frequency of meetings.
4. Specific responsibilities.
5. Specific authority.
6. If applicable, dates convened during the reconciliation period.

Schedule FR-7: Fuel and Fuel-Related Contracts

This schedule shall include summaries of all fuel and fuel-related contracts existing between the utility and its suppliers or between any affiliate of the utility that supplies fuel or fuel-related services to the utility and its suppliers. Provide those summaries of contracts that were in effect or had an effect on costs incurred during any portion of the reconciliation period. Include summaries of the following types of agreements:

1. Fuel supply contracts.
2. Fuel-related transportation agreements.
3. Purchased power contracts.
4. Other fuel-related contracts such as agreements for fuel residual disposal, fuel oil transportation, rail car leasing, rail car maintenance, or contracts with an annual value of one half percent of the prior year's eligible fuel costs as recovered through the utility's fuel factor.

Do not include items described under Schedule FR-9 or FR-10.

For natural gas contracts of a term less than 3 months which are considered "spot market" contracts, the utility may provide one or more "generic" contracts which represent the terms of the individual spot market contracts, in lieu of the natural gas contracts. The following items should be included in the summary:

1. Contract number/serial number/other designation.
2. Supplier.
3. Negotiation date or date signed.
4. Origin date of supply or service.
5. Term.
6. Specific service provided under the contract.

Workpapers: Provide a detailed summary of each contract identified in this schedule and include the following:

7. Pricing mechanism.
8. Purchase obligation.
9. Maximum takes available.
10. Economic out provision.
11. Delivery points.
12. Transportation provision.
13. Quality or measurement.

Workpapers: Provide each contract identified in this schedule.

Schedule FR-8: Natural Gas Delivery System

This schedule shall present details of the natural gas delivery system to each station, including:

1. Number of feasible pipeline connections.
2. Number of pipelines connected.
3. Operator of each connected pipeline.
4. Maximum operating capacity of each connected pipeline.
5. Maximum operating capacity of each connected pipeline compared to the natural gas requirements of the plant at full load.
6. Assumptions used in 1 through 5. Provide data for the reconciliation period. If conditions changed during the period, then indicate the date of the change.

Schedule FR-9: Natural Gas Storage Description

This schedule shall present:

1. A complete description of the natural gas storage facility, including a schematic which illustrates the physical layout and operation of the facility.
2. A copy of the natural gas storage agreement between the utility and the company providing the storage facility.
3. An itemized record of all costs, on a monthly basis for the reconciliation period, which are associated with the use of the facility.

4. A record of monthly injections and withdrawals along with monthly-ending inventory balances for the reconciliation period. All responses should be expressed in MMBtus and dollars.
5. All assumptions which support any estimated values used above. Provide data for the reconciliation period. If conditions changed during the period, then indicate the date of the change.

Schedule FR-10: Fuel Properties

This schedule shall present, for the reconciliation period, a complete description of each fuel-related property (e.g., lignite reserves, natural gas leases) that is owned partly or wholly on behalf of the utility or otherwise controlled by the utility or any affiliate or subsidiary of the utility. A mine or proposed mine, or a natural gas field, is one property for the purposes of this schedule.

Schedule FR-11: Employee Organizational Charts

This schedule shall present, for the reconciliation period, organizational charts for the personnel in the utility's fuel supply and planning organization, including executive level through the supervisory level.

Workpapers: Identify any changes to the utility's organization charts presented above, which occurred during the reconciliation period.

Schedule FR-12: Employee Ethics

This schedule shall include each and every utility-wide or fuel procurement department or affiliate fuel supply organization statement or policy concerning expected standards of ethical behavior and conflict of interest to apply to the personnel identified in Schedule FR-11 for the reconciliation period.

Schedule FR-13: Ethics - Relationship with Fuel Supplier

This schedule shall include documentation and a complete description of any and all occurrences since the utility's last fuel reconciliation in which any current or former manager, executive, or director of the utility, or any of its affiliates, has been involved in any capacity with the management of any provider of fuel or fuel supply service to the utility.

Schedule FR-14: Fuel Audits

This schedule shall present a list of audit reports for all audits conducted by the utility or an independent auditor on the utility's fuel suppliers, transporters, or other handlers during the reconciliation period. Include:

1. Company audited.
2. Service provided.
3. Period audit covered.
4. Date audit completed.

Schedule FR-15: Fuel Contract Analyses - Reconciliation Period

This schedule shall present a list of contracts under which the utility incurred eligible fuel or purchased power-related costs during the reconciliation period.

Workpapers: For each of the contracts listed in this schedule, provide the following:

1. For those contracts requiring the use of government or other published indexes to adjust the price, provide the monthly values for each index for the reconciliation period. Identify the source of the values for each index.
2. For the applicable contracts, provide monthly minimum, maximum, and actual takes by contract for the reconciliation period.
3. For the applicable contracts, provide documentation and a full description of any and all occurrences when the minimum take or pay volumes under any contract were not met during the reconciliation period.
4. Provide documentation of analyses performed to evaluate any fuel or fuel-related contract or amendment to any contract executed by the utility during the reconciliation period, that affected fuel costs during the period. It is not necessary to provide documentation for contracts previously approved by the Commission.

Schedule FR-16: Eligible Fuel Costs

This schedule shall contain a distribution of eligible fuel expenses for each month of the eligible period, in the following categories for each generating station (by unit for nuclear plants):

Coal and Lignite

- (1) FOB mine cost.
- (2) Rail transportation.
- (3) Other costs (specify).

Natural Gas

- (1) Gas cost.
- (2) Gas transportation (if contracted separately).
- (3) Gas storage (if contracted separately).
- (4) Other costs (specify).

Fuel Oil

- (1) Oil cost.
- (2) Other costs (specify).

Nuclear

- (1) Uranium concentrates.
- (2) Conversion services.
- (3) Natural uranium hexafluoride.
- (4) Enrichment services.
- (5) Fabrication services.
- (6) Storage services (if included in an above category, indicate where).
- (7) AFUDC.
- (8) Other financing charges.
- (9) Other core design charges.
- (10) Other costs (specify).

"Natural uranium hexafluoride" should include only costs not captured in "uranium concentrates" and "conversion services."

"Other costs": If costs are not readily identifiable and separable in the Company's accounting system, and are included in a cost category listed above, then indicate the type of costs and the cost category in which they are included.

Other Undifferentiated Fuel Costs

- (1) Other costs (specify).

To the extent that the information required for this schedule cannot be provided, the utility shall provide an explanation of the reasons that such information cannot be so provided, and shall provide alternative information that can be used to determine the cost of fuel consumed.

Schedule FR-16.1: Fossil Fuel Mix (Burned)

This schedule shall present the mix of contract and spot fossil fuels burned at each of the utility's stations by month during the reconciliation period. Contract fuels are defined as those provided under agreements with a term of one year or more, while spot fuels are defined as those under agreements with a term of less than one year. Fuel oil shall be provided in barrels, MMBtu, and dollars; coal and lignite

shall be provided in tons, MMBtu, and dollars; and natural gas shall be provided in MMBtu and dollars. If the information cannot be provided, the utility must provide an explanation of why not, and alternative information which can be used to determine the cost of fuel burned during the reconciliation period.

Schedule FR-16.2: Fossil Fuel Mix (Purchased)

This schedule shall present the mix of contract and spot fossil fuels purchased for each of the utility's stations by month during the reconciliation period. Contract and spot fossil fuels are defined in Schedule FR-16.1. Fuel oil shall be provided in barrels, MMBtu, and dollars; coal and lignite shall be provided in tons, MMBtu, and dollars; and natural gas shall be provided in MMBtu and dollars.

The MMBtu may be estimated based upon the heat content of the same type of fuel actually consumed during the most recent month for which data are available prior to the month for which the fuel was purchased.

Schedule FR-16.3: Competitive Spot Fossil Fuel Purchases

This schedule shall present the following information by fuel type for spot fossil fuel purchases during each month of the reconciliation period, if acquired by competitive bid:

1. Supplier.
2. Amount of fuel taken by the utility.
3. Delivered price paid by the utility.
4. Plant at which fuel was delivered.
5. Transportation fee, if incurred separately.

If lowest bid was not accepted, provide a complete explanation of why not.

Workpapers: For all spot fossil fuel purchases provide the following for all bids, including those accepted by the utility:

1. Companies which bid.
2. Amount of fuel bid by each company.
3. Price bid by each company.

4. Plant for which bid was received.
5. Transportation fee if not included in bid.

Schedule FR-16.4: Other Spot Fossil Fuel Purchases

This schedule shall include documentation and a complete description of the process by which the utility acquired its spot fossil fuel supplies during the reconciliation period, if other than by competitive bid.

Schedule FR-17: Coal and Lignite Costs

Schedule FR-17.1: Coal Cost Breakdown

To the extent that accounting records are kept in this format, this schedule shall present the breakdown of the purchased fuel costs for the utility's coal-fired stations into the following categories on a monthly basis during the reconciliation period:

1. FOB mine price.
2. Rail transportation.
3. Railcar maintenance.
4. Railcar ownership/lease expenses.
5. Railcar depreciation.
6. Other transportation costs (specify).
7. Fuel handling costs:
 - a. Operation and maintenance.
 - b. Depreciation and amortization.
 - c. Ad valorem taxes.
 - d. Administrative and general.
 - e. Other handling costs (specify).

Also provide the tons of fuel associated with these costs and indicate which categories are considered eligible and which are considered non-eligible.

Schedule FR-17.2: Lignite Cost Breakdown

To the extent that accounting records are kept in this format, this schedule shall present the breakdown of the purchased fuel costs for the utility's lignite-fired stations into the following categories on a monthly basis during the reconciliation period:

1. FOB mine price.
2. Fuel handling costs:
 - a. Operation and maintenance.
 - b. Depreciation and amortization.
 - c. Ad valorem taxes.
 - d. Administrative and general.
 - e. Other handling costs (specify).

Also provide the tons of fuel associated with these costs and indicate which categories are considered eligible and which are considered non-eligible.

Schedule FR-17.3: Coal Cost Description

This schedule shall include a complete description of the cost items which are included in each of the four cost components (fuel, transportation, handling, and other) detailed in the monthly confidential Fuel Purchase Report to the PUCT during the reconciliation period.

Schedule FR-18: Coal and Lignite Supplier Locations

This schedule shall present, for the reconciliation period, the state and county location for each coal and lignite supplier to the utility.

Schedule FR-19: Rail Car Data

Schedule FR-19.1: Rail Haul Distance

This schedule shall present, for the reconciliation period, the average rail haul distance from each coal or lignite supplier to each of the utility's coal- or lignite-fired stations.

Schedule FR-19.2: Unit Trains

This schedule shall present, for the reconciliation period, the typical, minimum, and maximum number of rail cars included in the operating unit trains from the supply areas identified in Schedule FR-18. Identify the number of spare rail cars associated with the trains.

Schedule FR-19.3: Cycle Time

This schedule shall present, for the reconciliation period, the average cycle time (round trip) in hours for the unit trains from each supplier to its respective delivery point. Except for mine-mouth operations, such information shall be presented by 12-month intervals for the reconciliation period. If the average cycle times for the same route changed more than ten percent from one 12-month period to another, provide a complete explanation of the reasons for the changes.

Schedule FR-19.4: Rail Cars

This schedule shall present, for the reconciliation period, the number of rail cars that are operated by the utility as follows:

1. Year of purchase or lease.
2. Manufacturer.
3. Number of cars.
4. Capacity of cars.

Identify which cars are owned and which are leased. For each year, indicate the average cost of cars purchased in that year.

Schedule FR-19.5: Rail Car Leases

This schedule shall include documentation and a complete description of each attempt the utility has made to lease or sublease out its idle rail cars during the reconciliation period. If any revenues were realized through these actions, provide an explanation of how the revenues were reflected in the utility's books.

Schedule FR-19.6: Rail Car Maintenance

This schedule shall include, for the reconciliation period, a complete description of the rail car maintenance program for cars used to transport coal to the utility's stations. Include a description of the maintenance schedule, the organization which maintains the cars, frequency of inspection and minor overhauls, location of the maintenance facilities, and method of verifying that the claimed repair work was actually performed.

Schedule FR-19.7: Rail Car Repairs

This schedule shall present, on a monthly basis for the reconciliation period, the amount billed from all railroads for "Bad Order" car repairs which were performed by the railroads.

Workpapers: Provide a complete description of the method used by the Company for verifying that bad order car repairs which have been billed by the railroads actually were necessary and actually were performed.

Schedule FR-20: Fuel Management

This schedule shall present a summary of all significant activities undertaken by the utility's fuel planning, procurement, or management organizations since its last fuel reconciliation which were intended to reduce fuel, fuel-related, or purchased power energy costs. Include the corresponding benefits associated with the activities.

Workpapers: Provide documentation to support the activities described in this schedule.

Schedule FR-21: Fuel Cost Over/Under Recovery

This schedule shall begin with the deferred fuel balance and interest balance, as approved in the Company's last fuel reconciliation. This schedule shall present an analysis of the adjusted monthly booked over/under recovery of fuel costs for the Texas jurisdiction since the date of the company's last reconciliation through the last month for which reconciliation is requested. This analysis shall include monthly entries to account 186 (Deferred Fuel) as reported to the Commission on the monthly fuel cost reports adjusted for any corrections to the monthly booked amounts. Include in this schedule all pertinent footnotes and information, including information regarding any corrections to booked amounts. Separate or separately identify refunded amounts. Also, separate or separately

identify amounts applied to deferred fuel and amounts applied to interest. For companies allocating fuel costs by jurisdiction, a detailed disclosure of the allocation procedure shall be included. Provide the information for this schedule on disk.

Schedule FR-22: Confidentiality Disclosure Agreement

The utility shall prepare a confidentiality disclosure agreement to be included as a part of the Fuel Reconciliation Filing Package and to be filed simultaneously with the schedules required as a part of this package. The format for this agreement is shown on the following pages. If the company prefers to use its own confidentiality disclosure agreement, it may do so, provided written approval of the language of such an agreement is obtained from the General Counsel of the Public Utility Commission of Texas at least five days prior to the filing of the fuel reconciliation application. In addition to the agreement itself, Attachment 1 of the agreement shall present a complete listing of the schedules required by the Fuel Reconciliation Filing Package instructions which the utility alleges are confidential. Upon request and execution of the confidentiality agreement, the utility shall provide any information which it alleges is confidential.

This schedule is intended to provide a mechanism whereby alleged confidential information is available contemporaneously with the filing of the fuel reconciliation application. It does not constitute a finding that any information is proprietary and/or confidential under law, or alter the burden of proof on that issue. Neither the sample agreement included in the form fuel reconciliation filing package, nor any confidentiality agreement reached by the utility and the General Counsel, in any way binds the examiner or the Commission to accept the language of such agreement in the consideration of any subsequent protective order in the proceeding.

SCHEDULE FR-22

**DOCKET NO. _____
PUBLIC UTILITY COMMISSION OF TEXAS**

-
-
-
-

CONFIDENTIALITY DISCLOSURE AGREEMENT

This Agreement is entered into by and between _____
(____ or "Company") and the _____ (____ or "Recipient"), the parties hereto, as of the
_____ day of _____, 199____.

WHEREAS, the Company owns or has in its possession certain information which it claims contains
proprietary and confidential information, and

WHEREAS, Recipient desires to gain or may gain access to such alleged proprietary and confidential
information for its use in connection with the Public Utility Commission of Texas (PUC) Docket No. _____,
and

WHEREAS, Recipient represents that: (Recipient must initial one of the following statements.)

_____ Recipient is not a present or potential competitor or bidder for sales or purchases of fuel or
electric power and is not an employee, agent, contractor, or representative of such a competitor or bidder.

_____ Recipient is a present or potential competitor or bidder for sales or purchases of fuel or
electric power or is an employee, agent, contractor, or representative of such a competitor or bidder, and,
therefore, Rider A to this Agreement applies.

WHEREAS, the Company is willing to provide access to such alleged confidential and proprietary
information on the terms set forth herein and in consideration for Recipient's undertaking to comply with the
obligations herein, and

NOW, THEREFORE, the parties agree as follows:

1. 1.1 The Company will grant access, pursuant to Recipient's request, to certain information that is
claimed to be proprietary or confidential and which is provided hereunder in response to those schedules
in the fuel reconciliation filing package instructions or requests for information and delineated in

Attachment 1 attached hereto and incorporated herein by reference, which may be supplemented and amended throughout the duration of PUC Docket No. _____. The foregoing hereinafter referred to as "confidential information".

- 1.2 A Recipient shall be permitted access to confidential information only through its "Authorized Representatives." An "Authorized Representative" of a Recipient includes and extends to all agents, employees and counsel, who are charged with the responsibility of reviewing and analyzing matters in connection with this proceeding. Any references to "Recipient" in this Agreement shall be deemed to include all of a Recipient's Authorized Representatives who have signed the agreement contained in Exhibit A to this Agreement. "Confidential information" shall include not only proprietary or confidential information contained in the references listed in Attachment 1, but it also includes such proprietary or confidential information contained in any form -- whether written, oral, or otherwise -- created by Recipient using information furnished to Recipient by Company under this Agreement.
2. 2.1 Recipient acknowledges that the Company contends that such confidential information is not generally known to the public and is regarded as proprietary by the Company (and any persons or entities who are parties to contracts or agreements comprising, including or relating to confidential information) and which the Company claims may include or reference tangible and intangible property which contains proprietary processes and trade secrets that are the product of an expenditure of time, effort, money and/or skills. Recipient further acknowledges that this Agreement creates a confidential relationship between the parties upon which the Company is willing to grant certain rights to Recipient as provided herein. Recipient also acknowledges and agrees that such confidential information is furnished, during the term of this Agreement, to Recipient on a confidential basis for the sole and exclusive use of the Recipient. Recipient agrees that the confidential information provided hereby is exclusively for use in connection with PUC Docket No. _____. Recipient agrees that, during the term of this Agreement as set forth in Paragraph 2.9, it will not use, publish, disclose or otherwise divulge to any person or entity, at any time, nor permit its Authorized Representatives to so divulge any confidential information without the prior written consent of an official of or counsel to the Company except as provided in

Paragraph 2.4. Recipient agrees that all tangible objects containing or relating to confidential information are the sole and exclusive property of the Company. Upon written request of the Company, Recipient agrees to return within thirty (30) days from the date of completion of PUC Docket No. _____ and appeals thereto, to the Company all confidential information or copies thereof which was furnished to Recipient or came into Recipient's possession as well as Recipient's notes, memoranda, and other information regarding or derived from the confidential information. Recipient agrees that it shall not retain any copies of confidential information as well as Recipient's notes, memoranda, and other information regarding or derived from the confidential information for its use or for any other purpose other than as expressly agreed to herein. If the Company does not request return of the confidential information as well as Recipient's notes, memoranda, and other information regarding or derived from the confidential information within thirty (30) days from the date of completion of this proceeding and appeals thereto, Recipient may destroy said information and certify same to the Company.

2.2 Notwithstanding any provisions to the contrary, Recipient's attorney shall be allowed to retain two copies of any brief, application for rehearing, exhibit or other pleading, or testimony which contains confidential information. Any documents retained under this Paragraph 2.2 shall be treated as confidential information under this Agreement and shall not be disclosed except as expressly allowed under this Agreement.

2.3 Recipient may copy confidential information delivered hereunder which it believes necessary in connection with PUC Docket No. _____; such copies must be necessary to Recipient's determining or verifying relevant information. Recipient shall sign Exhibit B listing all confidential documents it wishes to copy and shall furnish a copy of said Exhibit B to the Company. Recipient shall keep Exhibit B up to date detailing such information. Recipient will retain such copies in its possession by retaining same in its offices at all times and not allowing removal except under the terms of this Agreement.

2.4 If required by order of a governmental or judicial body, Recipient may release to such body the confidential information required by such order; provided, however, Recipient agrees that prior to such

release it shall promptly notify the Company of the order and allow the Company sufficient time to contest any release of the confidential information; provided, further, Recipient shall use its best efforts to prevent such confidential information from being disclosed to the public. Recipient is permitted to use summaries of the confidential information in any presentation, action or proceeding before any government body or regulatory commission, provided such summaries are sufficiently aggregated or generalized so as not to reveal specific aspects of confidential information in any form. With appropriate protective provision, such as filing Exhibits under seal, Recipient may introduce those portions of confidential information which are necessary and relevant to Recipient's evidentiary presentations.

2.5 The preceding provisions of this Paragraph 2 shall not apply to any data, information, item or other matter which is in the public domain at the time of disclosure to the Recipient, or which is thereafter disclosed to the public as a matter of right by a third person or persons, or which thereafter passes into the public domain by acts other than the unauthorized acts of the Recipient, or which is in the rightful possession of the Recipient not subject to a restriction on disclosure, or from a source other than the Company or its affiliated entities, at the time of its disclosure by the Company.

2.6 In performing its obligation under this Paragraph 2, Recipient shall employ procedures no less restrictive than the strictest procedures used by Recipient to protect its own confidential data, proprietary processes and trade secrets.

2.7 Recipient shall cause each of its Authorized Representatives who are to have access to confidential information to sign a copy of the acknowledgement attached hereto as Exhibit "A" at the time of the review of confidential information, or prior thereto if practicable. There shall be delivered to the Company a copy of each such signed acknowledgement. In the event that any Authorized Representative to whom such confidential information is disclosed ceases to be engaged in PUC Docket No. _____, access to such confidential information by such person shall be terminated and all confidential information shall be returned to the Recipient itself. Any Authorized Representative who

has agreed to the foregoing certification shall continue to be bound by the provisions of this Agreement for the duration thereof, even if no longer so engaged by Recipient.

2.8 In the event of a breach of the foregoing provisions of this Paragraph 2, the Company will not have an adequate remedy in money or damages, and accordingly, shall, in addition to any other available legal or equitable remedies, be entitled to an injunction against such breach without any requirement to post bond as a condition of such relief.

2.9 The obligations of confidentiality set forth herein shall continue in effect for a period of three (3) years following the date first set forth above.

3. Notwithstanding any other provision of this Agreement, the Recipient shall at any time be able to challenge whether the information provided hereunder should be considered confidential or proprietary by Motion to the Examiner or the PUC. If said information is ruled by an Examiner to be not confidential nor proprietary, Recipient shall nevertheless honor this Agreement during the pendency of an appeal of that examiner's ruling to the Commission provided that such an appeal is filed within three (3) working days after the Examiner's ruling. Furthermore, if said information is ruled by the Commissioners to be not confidential nor proprietary, Recipient shall nevertheless honor this Agreement for three (3) working days after the rendition of an order by the Commission, or the approval of an Examiner's ruling upon appeal by operation of law, to afford a reasonable opportunity for appeal should any party so desire.

4. This constitutes the entire agreement concerning the confidential information furnished to the Recipient by the Company under this Agreement. This Agreement between Recipient and Company is in addition to, and does not supersede, any prior written agreement between Recipient and Company.

ACCEPTED:

By: _____

Title

Date

ACCEPTED:

By: _____

Title

Date

EXHIBIT A

The undersigned, _____, certifies that he/she is serving as an Authorized Representative of _____ with respect to PUC Docket No. _____ and is receiving copies of or information which the Company claims to be proprietary or confidential in nature. The Company has agreed to provide such documents/information subject to the Confidentiality Disclosure Agreement dated _____, 19____, between the Company and _____. The undersigned agrees that he/she has read that Confidentiality Disclosure Agreement, including any Rider attached to the Agreement, and agrees to be bound by and comply with the terms of that Agreement, including any Rider attached to the Agreement. If Rider A is attached to the Agreement, then the undersigned agrees that he/she will not disclose to the Recipient any of the highly sensitive confidential information to which Rider A applies.

AGREED to this _____ day of _____, 19____.

By: _____

Title

EXHIBIT B

Copies of the Confidential information listed below have been provided pursuant to the Confidentiality Disclosure Agreement in Docket No. _____ to Authorized Representatives of _____.
These copies will remain in the custody of _____ at _____.

Signature

Name Printed

Date

RIDER A TO CONFIDENTIALITY DISCLOSURE
AGREEMENT FOR COMPETITORS AND BIDDERS

WHEREAS, Recipient is a present or potential competitor or bidder for sales or purchases of fuel or purchased power, and

WHEREAS, to balance Recipient's interest in accessing certain highly sensitive confidential information with the interests of other competitors or bidders who might be disadvantaged by such disclosure to Recipient, Company and Recipient agree that Recipient may access such highly sensitive confidential information only through outside consultants or counsel who agree not to disclose the information to Recipient and to otherwise comply with the terms of this Confidentiality Disclosure Agreement,

NOW, THEREFORE, the parties agree to modify the attached Confidentiality Disclosure Agreement by adding the following:

1. Notwithstanding anything else to the contrary in this Confidentiality Disclosure Agreement to the contrary, Recipient agrees to access the confidential information that Company has marked "Highly Sensitive Confidential Information" only through Authorized Representatives who are outside, independent counsel and consultants who are not employees of Recipient and who agree not to disclose said highly sensitive confidential information to Recipient or others and to otherwise comply with the terms of said Confidentiality Disclosure Agreement.
2. Recipient understands and agrees that its Authorized Representatives who gain access to said highly sensitive confidential information shall not reveal or disclose any of said highly sensitive confidential information to Recipient.

ACCEPTED: _____, Company, this _____ day of _____, 19 ____.

By: _____

Title

ACCEPTED: _____, Recipient, this _____ day of _____, 19 ____.

By: _____

Title

SECTION II

FORMS

FOR

COMPLETING*

ELECTRIC UTILITY

FUEL RECONCILIATION

FILING PACKAGE

FOR GENERATING UTILITIES

***To be used in conjunction with instructions contained in Section I.**

SCHEDULE FR-3.1a
NUCLEAR UNIT OUTAGE HISTORY

[illegible]

NOTE 1: USE THE FOLLOWING OUTAGE CATEGORIES
F = Forced Outage
S = Scheduled Outage

NOTE 2: USE THE FOLLOWING UNIT SHUTDOWN CATEGORIES

M = Manual Controlled Shutdown
MT = Manual Trip
AT = Automatic Trip
O = Other

SCHEDULE FR-3.1b

[illegible]

FOSSIL UNIT PLANNED OUTAGE DATA

[illegible]

SCHEDULE FR-3.3a NUCLEAR UNIT INCREMENTAL OUTAGE COSTS

PLANT NAME		
UNIT DESIGNATION		OUTAGE NUMBER
ACTUAL START DATE		ACTUAL END DATE
OUTAGE DURATION (Days)		

FERC ACCOUNT NUMBER	DESCRIPTION	ACTUAL EXPENSES
---------------------------	-------------	--------------------

OPERATIONS

MAINTENANCE

TRANSMISSION

TOTAL EXPENSES

NOTE: Do not report Outages under \$500,000.

SCHEDULE FR-3.3b FOSSIL UNIT INCREMENTAL OUTAGE COSTS

PLANT NAME			
UNIT DESIGNATION		OUTAGE NUMBER	
ACTUAL START DATE		ACTUAL END DATE	
OUTAGE DURATION (Days)			

FERC ACCOUNT NUMBER	DESCRIPTION	ACTUAL EXPENSES
---------------------------	-------------	--------------------

OPERATIONS

MAINTENANCE

TRANSMISSION

TOTAL EXPENSES

NOTE: Do not report Outages under \$500,000.

SCHEDULE FR-4.1 **SUPPLY AND LOAD (Net MWh)**

PRODUCTION					PURCHASED POWER				TOTAL		TOTAL LOAD	BOOK LOSSES (3)		SALES			
NUCLEAR	LIQUID	COAL	GASOL	HYDRO	OTHER	SUB TOTAL	OF FROM	OTHER FROM	SUB TOTAL	NET INTERCHANGE	ADJUST	LESS SYSTEM USE	SYSTEM USE	OWN USE	FROM	WHOLE	SUB TOTAL
RECONCILIATION PERIOD (RP)																	
MONTH X (1)																	
..																	
..																	
..																	
..																	
MONTH Z (2)																	

NOTES: (1) Month X - Month following utility's last reconciliation.

(2) Month Z - Last Month for which reconciliation data is requested.

(3) System's Own Use shall provide metered usage for office buildings, district offices, service centers, warehouses, and maintenance facilities, except that facilities with demand of less than 10 kW or facilities used only on an intermittent basis may be estimated. Electric usage of facilities associated with the transmission or distribution of electrical power (e.g., switchyards, substations, etc.) may be estimated based on a statistical sampling technique.

SCHEDULE FR-4.2a **(UNIT NAME) GENERATING UNIT DATA**

FUEL CONSUMPTION				NET HEAT RATE
BILLION Btu				Btu/kWh
COLD START	HOT START	OPERATIONS	TOTAL	

OPERATING STATISTICS (%)					
EQUIVALENT AVAILABILITY FACTOR	FORCED OUTAGE RATE	SCHEDULED OUTAGE FACTOR	NET CAPACITY FACTOR	TIME ON ABC	# OF HOURS CONNECTED TO LOAD

PRODUCTION MWh	
GROSS UNIT OUTPUT	NET UNIT OUTPUT

RECONCILIATION PERIOD (RP)

MONTH X (4)
--
--
--
--
--
MONTH Z (8)

NOTES:

- (1) Station Service, Fuel Consumption, and Heat Rate shall be provided, if available.
- (2) Time on Automatic Generator Controls (AGC), number of cold and hot starts, and Fuel Consumption may be estimated, if actual data is not available.
- (3) Operating data shall be defined consistent with the North American Electric Reliability Council Generating Availability Data System (NERC GADS).
- (4) Month X = Month following Utility's last reconciliation.
- (5) Month Z = Last Month for which reconciliation data is requested.

SCHEDULE FR-4.2b

(UNIT NAME) GENERATING UNIT CHARACTERISTICS

CATEGORY	DESCRIPTION / RESPONSE
TURBINE-GENERATOR	
1. TURBINE MANUFACTURER	
2. TURBINE DESCRIPTION	
3. INLET TEMPERATURES / PRESSURES	
4. NUMBER OF FEEDWATER HEATERS	
5. LAST ROW OF BLADING SIZE / RPMs	
6. GENERATOR MANUFACTURER	
7. NAMEPLATE RATINGS	
8. NOMINAL GROSS MW OUTPUT	
9. TYPE OF COOLING	
10. TYPE OF EXCITATION	
BOILER	
1. DESCRIPTION OF PRIMARY FUEL	
2. DESCRIPTION OF ALTERNATE FUEL	
3. MW DERATING - ALTER FUEL USE	
4. STARTUP FUEL	
5. BOILER MANUFACTURER	
6. TYPE OF BOILER	
7. TYPE OF FUEL FIRING	
8. DESCRIPTION OF BURNER LAYOUT	
POLLUTION CONTROL	
1. APPLICABLE AIR POLLUTION REG	
2. MANUFACTURER OF PART. CONTROL	
3. MANUFACTURER OF SO _x CONTROL	
4. MANUFACTURER OF NO _x CONTROL	
5. TYPE OF PARTICULATE CONTROL	
6. TYPE OF SO _x CONTROL	
7. TYPE OF NO _x CONTROL	
8. CURRENT LEVEL OF PARTICULATES	
9. CURRENT LEVEL OF SO _x	
10. CURRENT LEVEL OF NO _x	
11. PEAK MW LOAD OF PART. SYSTEM	
12. PEAK MW LOAD OF SO _x SYSTEM	
13. PEAK MW LOAD OF NO _x SYSTEM	
14. APPLICABLE WATER POLLUTION REG	
15. APPLICABLE WASTE DISPOSAL REG	
16. MANUF. OF WASTE WATER SYSTEM	
17. TYPE OF WASTE WATER SYSTEM	
18. MANUF OF WASTE DISPOSAL SYSTEM	
19. TYPE OF WASTE DISPOSAL SYSTEM	
20. PEAK MW LOAD OF WASTE WATER SYS	
21. PEAK MW LOAD OF WASTE DISP SYS	
AUXILIARIES & COOLING WATER SYSTEM	
1. DESCRIPTION OF COOLING WATER SYS	
2. MANUFACTURER OF COOLING WATER SYS	
3. PEAK MW LOAD OF COOLING WATER SYS	
4. DESCRIPTION OF BOILER FEEDPUMP SYS	
5. MANUFACTURER OF BOILER FEEDPUMP SYS	
6. PEAK MW LOAD OF BOILER FEEDPUMP SYS	
7. DESCRIPTION OF COMBUSTION AIR SYS	
8. MANUFACTURER OF COMBUSTION AIR SYS	
9. PEAK MW LOAD OF COMBUSTION AIR SYS	
10. DESCRIPTION OF AIR PREHEATER	
11. MANUFACTURER OF AIR PREHEATER	
12. PEAK MW LOAD OF AIR PREHEATER	
13. DESCRIPTION OF FUEL FEED SYS	
14. MANUFACTURER OF FUEL FEED SYS	
15. PEAK MW LOAD OF FUEL FEED SYS	

(UNIT NAME) GENERATING UNIT EFFICIENCY & CONTROL SYSTEMS

CATEGORY

1. BOILER EFFICIENCY / STEAM CONDITIONS
2. TURBINE EFFICIENCY / STEAM CONDITIONS
3. GENERATOR EFFICIENCY / MW : MVAR
4. CONDENSOR CONDITIONS / COOLING WATER
5. GROSS HEAT RATE (1)
6. ORIGINAL STATION LOAD
7. NET HEAT RATE (2)
8. HEAT RATE CURVE / EQUATION

1. STARTUP Btus
2. MINIMUM MW / TOTAL Btus
3. MINIMUM MW / INCREMENTAL Btus PER MWh
4. 1ST STEP MW / INCREMENTAL Btus PER MWh
5. 2ND STEP MW / INCREMENTAL Btus PER MWh
6. 3RD STEP MW / INCREMENTAL Btus PER MWh
7. 4TH STEP MW / INCREMENTAL Btus PER MWh
8. 5TH STEP MW / INCREMENTAL Btus PER MWh

1. TEST 1 MW OUTPUT
HEAT RATE
INCREMENTAL HEAT RATE

2. TEST 2 MW OUTPUT
HEAT RATE
INCREMENTAL HEAT RATE

3. TEST 3 MW OUTPUT
HEAT RATE
INCREMENTAL HEAT RATE

DATE

1. DESCRIPTION OF TURBINE CONTROL SYS.
2. MANUFACTURER OF TURBINE CONTROL SYS.
3. DATE & COST OF INSTALLATION
4. DESCRIPTION OF BOILER CONTROL SYS.
5. MANUFACTURER OF BOILER CONTROL SYS.
6. DATE & COST OF INSTALLATION
7. TYPE OF FAN CONTROL SYSTEM
8. TYPE OF FEEDWATER PUMP CONTROL SYS.
9. TYPE OF SOOT BLOWER CONTROL SYS.
10. NUMBER OF OPERATOR CONTROL ROOMS
11. DESCRIPTION OF HEATRATE DEVIATION SYS.
12. TYPE OF SCRUBBER CONTROL SYS.

[illegible][illegible][illegible][illegible][illegible]

Indicate whether Station Service Includes consumption for Common Facilities.

SCHEDULE FR-4.3a
SUMMARY OF FIRM PURCHASED POWER (Net MWh)

QUALIFYING FACILITIES, BY COMPANY											OTHERS, BY COMPANY										
A	B	C	D	E	F	G	H	I	LOSSES	TOTAL	Q	R	S	T	U	V	W	X	Y	LOSSES	TOTAL
RECONCILIATION PERIOD (RP)																					
MONTH X (1)																					
..																					
..																					
..																					
..																					
..																					
MONTH Z (2)																					

NOTES: (1) Month X = Month following Utility's last reconciliation.
 (2) Month Z = Last Month for which reconciliation data is requested.

SCHEDULE FR-4.3b
SUMMARY OF FIRM PURCHASED POWER ENERGY COSTS (\$000)

OTHERS, BY COMPANY									
Q	R	S	T	U	V	W	X	Y	TOTAL

QUALIFYING FACILITIES, BY COMPANY										
A	B	C	D	E	F	G	H	I	TOTAL	

RECONCILIATION PERIOD (RP)

MONTH X (1)
 ..
 ..
 ..
 ..
 ..
 MONTH Z (2)

--	--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--	--

NOTES: (1) Month X = Month following Utility's last reconciliation.
 (2) Month Z = Last Month for which reconciliation data is requested.

SCHEDULE FR-4.3c
SUMMARY OF FIRM PURCHASED POWER FIXED CHARGES (\$000)

OTHERS, BY COMPANY										
Q	R	S	T	U	V	W	X	Y	TOTAL	

QUALIFYING FACILITIES, BY COMPANY										
A	B	C	D	E	F	G	H	I	TOTAL	

RECONCILIATION PERIOD (RP)

MONTH X (1)	
"	
"	
"	
"	
"	
MONTH Z (2)	

NOTES: (1) Month X = Month following Utility's last reconciliation.
 (2) Month Z = Last Month for which reconciliation data is requested.

SCHEDULE FR-4.3d

QUALIFYING FACILITIES, BY COMPANY										WEIGHTED AVERAGE
A	B	C	D	E	F	G	H	I		

MONTH X (1)

2

2

2

MONTH Z (2)

(2) Month Z = Last Month for which reconciliation data is requested.

SCHEDULE FR-4.3e
SUMMARY OF NON-FIRM PURCHASED POWER (Net MWh)

OTHERS, BY COMPANY										
Q	R	S	T	U	V	W	X	Y	LOSSES	TOTAL

QUALIFYING FACILITIES, BY COMPANY										
A	B	C	D	E	F	G	H	I	LOSSES	TOTAL

RECONCILIATION PERIOD (RP)

MONTH X (1)
 ..
 ..
 ..
 ..
 ..
 MONTH Z (2)

- NOTES: (1) Month X = Month following Utility's last reconciliation.
 (2) Month Z = Last Month for which reconciliation data is requested.
 (3) Individual entities with less than 100 KW of output may be aggregated and treated as one company for purposes of this schedule.

SCHEDULE FR-4.3f
SUMMARY OF NON-FIRM PURCHASED POWER ENERGY COSTS (\$000)

QUALIFYING FACILITIES, BY COMPANY											OTHERS, BY COMPANY										
A	B	C	D	E	F	G	H	I	TOTAL	Q	R	S	T	U	V	W	X	Y	TOTAL		
RECONCILIATION PERIOD (RP)																					
MONTH X (1)																					
"																					
"																					
"																					
"																					
"																					
MONTH Z (2)																					

- NOTES: (1) Month X = Month following Utility's last reconciliation.
 (2) Month Z = Last Month for which reconciliation data is requested.
 (3) Individual entities with less than 100 kW of output may be aggregated and treated as one company for purposes of this schedule.

SCHEDULE FR-4.3g
SUMMARY OF NON-FIRM PURCHASED POWER ENERGY COSTS PER NET MWh (\$000/MWh)

OTHERS, BY COMPANY										
Q	R	S	T	U	V	W	X	Y	WEIGHTED AVERAGE	

QUALIFYING FACILITIES, BY COMPANY										
A	B	C	D	E	F	G	H	I	WEIGHTED AVERAGE	

RECONCILIATION PERIOD (RP)

MONTH X (1)

..
 ..
 ..
 ..
 ..

MONTH Z (2)

NOTES: (1) Month X = Month following Utility's last reconciliation.

(2) Month Z = Last Month for which reconciliation data is requested.

(3) Individual entities with less than 100 kW of output may be aggregated and treated as one company for purposes of this schedule.

SCHEDULE FR-4.4a SUMMARY OF LINE LOSSES AND SYSTEM'S OWN USE (1)

SYSTEM LOSSES (MWh)										
STEP-UP X-PWR	345 KV TRANS	345 KV AUTO X-PWR	138 KV TRANS	138 KV AUTO X-PWR	69 KV TRANS	69 KV AUTO X-PWR	POWER X-PWR	PRIMARY DISTIB	LINE DISTIB	SUB TOTAL
										BOOK LOSSES LESS SYSTEM USE

SYSTEM'S OWN USE (MWh) (5)										
T	U	V	W	X	Y	Z				

RECONCILIATION PERIOD (RP)

MONTH X (3)
"
"
"
"
"
"
MONTH Z (4)

NOTES:

- (1) If actual energy losses are not available as indicated above, estimated values shall be provided on no less than an annual basis and at least by voltage level (i.e., transformer losses included with line losses if not available separately).
- (2) "Difference", if any, between energy losses as recorded by Company books and records ("COMPANY USE, LOSSES, AND UNACCOUNTED FOR"), and the sum of: loss amounts allocated to component (equipment/voltage) level by month and "SYSTEM'S OWN USE".
- (3) Month X = Month following Utility's last reconciliation.
- (4) Month Z = Last Month for which reconciliation data is requested.
- (5) System's Own Use shall provide metered usage for office buildings, district offices, service centers, warehouses, and maintenance facilities, except that facilities with demand of less than 10 kW or facilities used only on an intermittent basis may be estimated. Electric usage of facilities associated with the transmission or distribution of electrical power (e.g., switchyards, substations, etc.) may be estimated based on a statistical sampling technique.

SCHEDULE FR-4.4b

SUMMARY OF OFF-SYSTEM SALES (NON-FIRM & FIRM POWER)

OFF-SYSTEM FIRM POWER SALES (Net MWh)											
Q	R	S	T	U	V	W	X	Y	Z	TOTAL	

OFF-SYSTEM NON-FIRM SALES (Net MWh)											
A	B	C	D	E	F	G	H	I	J	TOTAL	

RECONCILIATION PERIOD (RP)

MONTH X (1)

..

..

..

..

..

MONTH Z (2)

- NOTES: (1) Month X = Month following Utility's last reconciliation.
 (2) Month Z = Last Month for which reconciliation data is requested.

SCHEDULE FR-4.4c
SUMMARY OF OFF-SYSTEM SALES REVENUE (ENERGY CHARGE COMPONENT)

A	B	C	D	E	F	G	H	I	J	TOTAL
---	---	---	---	---	---	---	---	---	---	-------

Q	R	S	T	U	V	W	X	Y	Z	TOTAL
---	---	---	---	---	---	---	---	---	---	-------

RECONCILIATION PERIOD (RP)

MONTH X (1)

..
 ..
 ..
 ..
 ..

MONTH Z (2)

- NOTES:** (1) Month X = Month following Utility's last reconciliation.
 (2) Month Z = Last Month for which reconciliation data is requested.

SCHEDULE FR-4.4d
SUMMARY OF OFF-SYSTEM SALES REVENUE (FIXED CHARGE COMPONENT)

A	B	C	D	E	F	G	H	I	J	TOTAL
OFF-SYSTEM NON-FIRM SALES (\$000)										

Q	R	S	T	U	V	W	X	Y	Z	TOTAL
OFF-SYSTEM FIRM POWER SALES (\$000)										

RECONCILIATION PERIOD (RP)

MONTH X (1)
 ..
 ..
 ..
 ..
 ..
 MONTH Z (2)

NOTES: (1) Month X - Month following Utility's last reconciliation.
 (2) Month Z - Last Month for which reconciliation data is requested.

SCHEDULE FR-4.4e

SUMMARY OF OFF-SYSTEM SALES REVENUE (ENERGY CHARGE PER MWh)

A	B	C	D	E	F	G	H	I	J	AVERAGE
---	---	---	---	---	---	---	---	---	---	---------

Q	R	S	T	U	V	W	X	Y	Z	AVERAGE
---	---	---	---	---	---	---	---	---	---	---------

RECONCILIATION PERIOD (RP)

MONTH X (1)

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MONTH Z (2)

NOTES: (1) Month X = Month following Utility's last reconciliation.

(2) Month Z = Last Month for which reconciliation data is requested.

SCHEDULE FR-4.4f **SUMMARY OF ON-SYSTEM SALES (WHOLESALE & RETAIL)**

A	B	C	D	E	F	G	H	I	J	TOTAL
ON-SYSTEM WHOLESALE SALES (Net MWh)										

Q	R	S	T	U	V	W	X	Y	Z	TOTAL
ON-SYSTEM RETAIL SALES (Net MWh)										

RECONCILIATION PERIOD (RP)

MONTH X (1)

..
 ..
 ..
 ..
 ..

MONTH Z (2)

- NOTES: (1) Month X = Month following Utility's last reconciliation.
 (2) Month Z = Last Month for which reconciliation data is requested.