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Federal Express

October 21, 1998

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James J. McNulty, Esquire
Secretary
Pennsylvania Public Utility Commission
North Office Building
North Street and Commonwealth Avenue
Harrisburg, Pennsylvania 17105-3265

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Re: **Application of PP&L, Inc. for Approval of
its Restructuring Plan Under Section 2806
of the Public Utility Code
Docket No. R-00973954**

**DOCUMENT
FOLDER**

Dear Mr. McNulty:

Enclosed for filing on behalf of PP&L, Inc. ("PP&L") are an original and eight (8) copies of Supplement No. 1 to PP&L's Electric Generation Supplier Coordination Tariff. Supplement No. 1 contains the following riders to the Electric Generation Supplier Coordination Tariff:

- Competitive Metering Specifications Rider
- Competitive Billing Specifications Rider

PP&L is requesting that Supplement No. 1 become effective on one day's notice, i.e., on October 22, 1998.

PP&L is submitting Supplement No. 1 pursuant to the Commission's order entered on October 16, 1998, at the above-captioned docket.

As indicated on the attached certificate of service, PP&L is serving copies of this filing on all active parties.

Pursuant to 52 Pa. Code § 1.11, the enclosed document is to be deemed filed on October 21, 1998, which is the date it was deposited with an overnight express delivery service as shown on the delivery receipt attached to the mailing envelope.

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James J. McNulty, Esquire

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October 21, 1998

In addition, please date and time-stamp the enclosed extra copy of this letter and return it to me in the envelope provided.

If you have any questions regarding this filing, please call.

Very truly yours,

A handwritten signature in black ink that reads "Paul E. Russell" followed by a stylized flourish or initials.

Paul E. Russell

Enclosures

cc: Certificate of Service

PP&L, Inc.

PP&L, Inc.

ELECTRIC GENERATION SUPPLIER COORDINATION TARIFF

RECEIVED

COMPANY OFFICE LOCATION

2 North Ninth Street
Allentown, Pennsylvania 18101

OCT 21 1998

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Issued: October 21, 1998

Effective: October 22, 1998

Filed in compliance with the Pennsylvania
Public Utility Commission's Opinion and
Order, entered October 16, 1998, at Docket
No. R-00973954.

DOCUMENT
FOLDER

ISSUED BY: William F. Hecht - President
PP&L, Inc.
2 North Ninth Street
Allentown, PA 18101

DOCKETED

OCT 29 1998

NOTICE.

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DEFINITION OF TERMS AND EXPLANATION OF ABBREVIATIONS

Active Load Management - the process for arranging to have firm load become interruptible in accordance with criteria established by the PJM OI.

Appropriate Similar Day - hourly forecasted load comparable based on week day, month, season, and weather.

Bad Credit - an EGS has bad credit if it is insolvent (as evidenced by a credit report prepared by a reputable credit bureau or credit reporting agency or public financial data, liabilities exceeding assets or generally failing to pay debts as they become due) or has failed to pay Company invoices when they became due on two or more occasions within the last twelve billing cycles.

Charge - any fee or charge that is billable by the Company to an EGS under this Tariff, including any Coordination Services Charge.

Competition Act - the Electricity Generation Customer Choice and Competition Act, 66 Pa.C.S. §2801, et seq.

Competitive Energy Supply - unbundled energy and/or capacity provided by an Electric Generation Supplier.

Coordination Activities - all activities related to the provision of Coordination Services.

Coordination Obligations - all obligations identified in Rule 4 of the Tariff, relating to the provision of Coordination Services.

Coordination Services - those services that permit the type of interface and coordination between EGSs and the Company in connection with the delivery of Competitive Energy Supply to serve Customers located within the Company's service territory, including: load forecasting, certain scheduling-related functions and reconciliation

Company - PP&L, Inc.

Coordinated Supplier - an Electric Generation Supplier that has appointed a Scheduling Coordinator as its designated agent for the purpose of submitting energy schedules to the PJM OI.

Creditworthy - a creditworthy EGS pays the Company's charges as and when due and otherwise complies with the Rules and Regulations of this Tariff or the PaPUC. To determine whether an EGS is creditworthy, the Company will evaluate the EGS's record of paying Company charges, and may also take into consideration the EGS's credit history.

Customer - any person, partnership, association, or corporation receiving Competitive Energy Supply from an Electric Generation Supplier in accordance with the Competition Act at a single metered location.

Deliver - to "Deliver" a document or other item under this Tariff shall mean to tender by certified mail, hand delivery, or overnight express package delivery service.

Direct Access - "Direct Access" shall have the meaning set forth in the Competition Act.

EDC Tariff - the Company's Electric Service Tariff, denominated Electric Pa. P.U.C. No. 201.

Electric Distribution Company or "EDC" - a public utility that owns electric distribution facilities. At times, this term is used to refer to the role of the Company as a deliverer of Competitive Energy Supply in a Direct Access environment as contemplated in the Competition Act.

Electric Generation Supplier or "EGS" - a supplier of electric generation that has been certified or licensed by the Pennsylvania Public Utility Commission to sell electricity to retail customers within the Commonwealth of Pennsylvania in accordance with the Competition Act.

EGS Representative - any officer, director, employee, consultant, contractor, or other agent or representative of an EGS in connection with the EGS's activity solely as an EGS. To the extent an EGS is a division or group of a company, the term EGS Representative does not include any person in that company who is not part of the EGS division.

FERC - the Federal Energy Regulatory Commission.

Hourly or Sub-Hourly Metering Equipment - metering equipment that supplies half-hourly readings of kW and power factor via remote communications, and not metering equipment from which quarter-hourly or hourly demand readings may be obtained through on-site querying of the metering equipment.

Interest Index - an annual interest rate determined by the average of 1-Year Treasury Bills for September, October and November of the previous year.

Kilowatt or kW - unit of measurement of useful power equivalent to 1000 watts.

Load Bus - as used in this tariff, shall have the same meaning ascribed to the term in the PJM Tariff.

Load Serving Entity or "LSE" - an entity that has been granted the authority or has an obligation pursuant to State or local law, regulation or franchise to sell electric energy to end-users located within the PJM Control Area as that term is defined by the PJM Tariff.

Locational Marginal Price or "LMP" - the hourly integrated marginal price to serve load at individual locations throughout PJM, calculated by the PJM OI as specified in the PJM Tariff.

Megawatt or MW - one thousand kilowatts.

Meter Read Date - the date on which the Company schedules a meter to be read for purposes of producing a customer bill in accordance with the regularly scheduled billing cycles of the Company.

Month - a month under this Tariff means 1/12 of a year, or the period of approximately 30 days between two regular consecutive readings of the Company's meter or meters installed on the customer's premises.

Network Integration Transmission Service Reservation - a reservation under the PJM Tariff of Network Integration Transmission Service, which allows a transmission customer to integrate and economically dispatch generation resources located at one or more points in the PJM Control Area to serve its Network load as that term is defined by the PJM Tariff.

PaPUC or Commission - The Pennsylvania Public Utility Commission.

PJM - the Pennsylvania-New Jersey-Maryland Interconnection LLC.

PJM Control Area - that certain Control Area encompassing systems in Pennsylvania, New Jersey, Maryland, Delaware and the District of Columbia and which is recognized by the North American Electric Reliability Council as the "PJM Control Area."

PJM eScheduler System - software program administered by the PJM OI through which energy load schedules may be submitted.

PJM OI - the PJM Office of Interconnection, the system operator for the PJM Control Area.

PJM Tariff - the PJM Open Access Transmission Tariff on file with the FERC and which sets forth the rates, terms and conditions of transmission service over transmission facilities located in the PJM Control Area.

Scheduling Coordinator - an entity that performs one or more of an EGS's Coordination Obligations, including the submission of energy schedules to the PJM OI, and that either is (1) a member of the PJM Interconnection, L.L.C. or (2) is the agent, for scheduling purposes, of one or more Electric Generation Suppliers that are members of the PJM Interconnection, L.L.C.

Tariff - this Electric Generation Supplier Coordination Tariff.

RULES AND REGULATIONS

1. THE TARIFF

1.1 Filing And Posting. A copy of this Tariff, which comprises the Charges, Rules and Regulations and Riders under which the Company will provide Coordination Services to Electric Generation Suppliers, is on file with the Commission and is posted and open to inspection at the offices of the Company.

1.2 Revisions. This Tariff may be revised, amended, supplemented or otherwise changed from time to time in accordance with the Pennsylvania Public Utility Code, and such changes, when effective, shall have the same force as the present Tariff.

1.3 Application. The Tariff provisions apply to all EGSs providing Competitive Energy Supply to Customers located in the Company's service territory including an affiliate or division of the Company that provides Competitive Energy Supply, and with whom the Company has executed an Individual Coordination Agreement as required herein. In addition, the Charges herein shall apply to anyone receiving service unlawfully or to any unauthorized or fraudulent receipt of Coordination Services.

1.4 Rules And Regulations. The Rules and Regulations, filed as part of this Tariff, are a part of every Individual Coordination Agreement entered into by the Company pursuant to this Tariff and govern all Coordination Activities, unless specifically modified by a Charge or Rider provision. The obligations imposed on EGSs in the Rules and Regulations shall apply as well to everyone receiving service unlawfully or to any unauthorized or fraudulent receipt of Coordination Services.

1.5 Use Of Riders. The terms governing the supply of Coordination Services under this Tariff or a Charge therein may be modified or amended only by the application of those standard Riders, filed as part of this Tariff.

1.6 Statement By Agents. No Company representative has authority to modify a Tariff rule or provision, or to bind the Company by any promise or representation contrary thereto.

2. SCOPE AND PURPOSE OF TARIFF

2.1 Scope And Purpose Of Tariff. This Tariff sets forth the basic requirements for interactions and coordination between the Company as the Electric Distribution Company and EGSs necessary for ensuring the delivery of Competitive Energy Supply from EGSs to their Customers commencing on January 1, 1999.

2.2 Applicability of Terms to Scheduling Coordinators. As used in this Tariff, the term "EGS" shall apply equally to a Scheduling Coordinator for an EGS's responsibilities and rights properly assigned to that Scheduling Coordinator by the EGS.

2.3 FERC Jurisdictional Matters. The inclusion of FERC-jurisdictional matters within the scope of this Tariff is intended solely for informational purposes and is not intended to accord any jurisdictional authority over such matters to the PaPUC. If anything stated herein is found by the FERC to conflict with or be inconsistent with provision of the Federal Power Act (FPA), or any rule, regulation, order or determination of the FERC under the FPA the applicable FERC rule, regulation, order or determination of the FPA shall control. To the extent required under any provision of the FPA, or any rule, regulation, order or determination of the FERC under the FPA, the Company shall secure, from time to time, all appropriate orders, approvals and determinations from the FERC necessary to implement this Tariff.

3. COMMENCEMENT OF EDC/EGS COORDINATION

3.1 Registration for Coordination Services. An EGS seeking to obtain Coordination Services hereunder must deliver to the Company a completed registration, consisting of the following:

- (a) an Individual Coordination Agreement, as contained in a Rider hereto, fully executed in triplicate by a duly authorized representative of the EGS;
- (b) if an EGS will utilize Sections 6-9 of this tariff, written evidence that the EGS is a signatory to the Operating Agreement and Reliability Assurance Agreement of the PJM Interconnection, L.L.C., or their successors, if any; and
- (c) the EGS's Pennsylvania sales tax identification number;

3.2 Incomplete Registrations. In the event the EGS submits an incomplete registration, the Company shall provide written notice to the EGS of the registration's deficiencies within ten (10) business days after the date of service, as determined under 52 Pa. Code § 1.56, of the registration. An incomplete registration is not deemed to be ready for processing by the Company until it is completed by the EGS and Delivered to the Company.

3.3 Credit Check. A registration for Coordination Services shall constitute authorization to the Company to conduct a background credit check on the EGS.

3.4 Processing of Registrations. The Company shall complete the processing of each registration for Coordination Services within ten (10) business days after the date of service of the registration, as determined under 52 Pa. Code § 1.56, of the completed registration. The Company shall approve all completed registrations unless grounds for rejecting the registration, as defined below, exist.

3.5 Grounds for Rejecting Registration. The Company may reject any registration for Coordination Services on any of the following grounds:

- (a) the EGS has undisputed outstanding debts to the Company arising from its previous receipt of Coordination Services from the Company under this Tariff;
- (b) the EGS has failed to comply with credit requirements specified in Rule 12 of the Tariff; and
- (c) the EGS has failed to submit a completed registration within thirty (30) calendar days after the date of service of the registration, as determined under 52 Pa. Code § 1.56, of written notice of the registration's deficiency.

The Company may also petition the PaPUC to reject the registration of an EGS with Bad Credit. The Company need not provide Coordination Services to the EGS pending the PaPUC's review of said Petition unless the EGS has provided security to the Company as provided for in Rule 12.4.

3.6 Offer of Conditional Acceptance of Registration. Where grounds for rejection of a registration exist due to an EGS's outstanding and undisputed debts to the Company arising from its previous receipt of Coordination Services from the Company under the Tariff, the Company may offer the affected EGS a conditional acceptance if the EGS pays such debts before it receives Coordination Services. If the EGS rejects the Company's offer of conditional acceptance under this Rule, then its registration for Coordination Services will be deemed rejected.

3.7 Rejection of Registration. Upon rejection of any registration, the Company shall provide the affected EGS with written notice of rejection within the time periods set forth in Section 3.4, and shall state the basis for its rejection.

3.8 Approval of Registration. Upon its approval of a registration for Coordination Services, or pursuant to an order of the Commission approving a registration, the Company shall execute the Individual Coordination Agreement tendered by the registrant and shall file a copy with the PaPUC, shall provide one to the EGS by delivering such within the period set forth in Section 3.4 and shall maintain a copy for its own records.

3.9 Identification Numbers. Upon its approval of a registration for Coordination Services, the Company will assign to the EGS a supplier identification number to be used in subsequent electronic information exchange between the EGS and the Company. This number shall be consistent with the EGS's Dunn & Bradstreet Business number. In addition, the Company may also assign to the EGS identification numbers that may be required by PJM in connection with the submission and/or confirmation of load schedules for serving load in the Company's service territory.

3.10 Commencement of Coordination Services. Coordination Services shall commence within fifteen (15) days after the Company's acceptance of an EGS's registration for Coordination Services provided that all of the information necessary for the Company to provide Coordination Services has been provided to the Company and any conditions required under Rule 3.6 have been satisfied by the EGS.

4. COORDINATION OBLIGATIONS

4.1 Provision of Coordination Services. The Company shall provide all Coordination Services, as provided herein, necessary for the delivery of an EGS's energy and/or capacity to serve retail access load located within the Company's service territory.

4.2 Timeliness and Due Diligence. EGSs shall exercise due diligence in meeting their obligations and deadlines under this Tariff so as to facilitate Direct Access.

4.3 Duty of Cooperation. The Company and each EGS will cooperate in order to ensure delivery of Competitive Energy Supply to Customers as provided for by this Tariff, the EDC Tariff and the Competition Act.

4.4 State Licensing. An EGS must have and maintain in good standing a license from the PaPUC as an authorized EGS.

4.5 Energy Procurement. An EGS must make all necessary arrangements for obtaining Competitive Energy Supply in a quantity sufficient to serve its own Customers.

4.6 PJM Services and Obligations. An EGS is responsible for procuring those services provided by the PJM OI that are necessary for the delivery of Competitive Energy Supply to its Customers. In addition, an EGS must satisfy all obligations which are imposed on LSEs in the PJM Control Area.

4.7 Energy Scheduling. An EGS must make all necessary arrangements for scheduling the delivery of energy through the PJM OI. The Company shall assist in that process as set forth in Rule 7.

4.8 Reliability Requirements. An EGS shall satisfy those reliability requirements issued by the PaPUC, or any other governing reliability council with authority over the EGS, that apply to EGSs.

4.9 Determination of Load and Location. The Company and EGS shall coordinate with the PJM OI to determine the magnitude and location of the EGS's actual or projected load, as required by the PJM OI, for the purpose of calculating a Network Integration Transmission Service Reservation, an installed capacity obligation, or other requirements under the PJM Tariff.

4.10 Supply of Data. An EGS and the Company shall supply to each other all data, materials or other information specified in this Tariff, or otherwise reasonably required by the EGS or Company in connection with the provision of Coordination Services, in a thorough and timely manner.

4.11 Communication Requirements. An EGS must be equipped with the following communications capabilities:

- Internet electronic mail (e-mail), including the capability to receive ASCII file attachments;
- Internet browser capable of access to the PP&L web-site and file uploads and downloads;
- Internet EDI peer-to-peer communication with push and pull capability, and
- VAN and single Internet file transfer protocol, as determined by the Electronic Data Exchange Working Group (EDEWG) and Pa PUC Docket No. M-00960890.F0015.

4.12 Record Retention. An EGS and the Company shall comply with all applicable laws and PaPUC rules and regulations for record retention, including but not limited to those Rules of Chapter 56 of the PaPUC's regulations.

4.13 Payment Obligation. The Company's provision of Coordination Services to an EGS is contingent upon the EGS's payment of all charges provided for in this Tariff.

4.14 Data Exchange.

(a) The Company shall at a minimum, comply and adhere to the terms and requirements of the Consensus Plan submitted by the Electronic Data Exchange Working Group (Electronic Data Exchange Standards for Electric Deregulation in The Commonwealth of Pennsylvania) reviewed and approved by the Pilot Implementation Committee and the Pa. PUC. (Docket No. M-00960890F.0015). These standards, as they currently are written, shall address the necessary data transfer and exchange to accommodate registration and switching of customers, metering and billing information, and current customer information. The Company shall follow these standards as they currently exist, and as they may change from time-to-time, for all data exchange procedures and requirements.

(b) The Company shall make available to an EGS, on a daily basis, the following information regarding that EGS's Customers in electronic files available on the PP&L website:

- (i) PP&L Account Number
- (ii) Billing Route
- (iii) Customer Name
- (iv) Service Address
- (v) Service City
- (vi) Service State Zip
- (vii) Mailing Address
- (viii) Mailing City
- (ix) Mailing State Zip
- (x) Contact Name (applicable to industrial and large commercial Customers only)
- (xi) Contact Address (applicable to industrial and large commercial Customers only)
- (xii) Contact City, State, Zip (applicable to industrial and large commercial Customers only)
- (xiii) Unlisted Phone Number Code

- (xiv) Telephone Number
- (xv) Rate Class
- (xvi) Rate Class Load Profile and Class Strata (if any)
- (xvii) Registered Peak Demand
- (xviii) Load Factor
- (xix) Annual kWh
- (xx) Meter Use Code
- (xxi) Delivery Date
- (xxii) Load Bus
- (xxiii) Whether Customer is on budget billing
- (xxiv) Whether the Customer a special payment agreement.

(c) An EGS must notify its Customers that by signing up for Competitive Energy Supply with the EGS, the Customer is consenting to the disclosure by the Company to the EGS of certain basic information about the Customer, as listed in Rule 4.14(b). At minimum, the notice shall inform the Customer that the following information will be disclosed: the Customer's PP&L account number, data about meter readings, rate class and electric usage, the Customer's address(es) and telephone number, and whether or not the Customer is on a budget billing plan, or as otherwise approved by the PUC Bureau of Consumer Services.

(d) The Company will maintain on its website, copies of the standard file formats it will provide to EGSs containing the data listed in this Rule of this Tariff. The Company will not change the file formats without first providing via Internet electronic mail and posting on its website at least seven (7) days notice of any such change. The Company will make a good faith effort to provide a greater period of notice when warranted.

(e) Nothing in this Rule 4.14 shall prohibit the Company from making available to EGSs other electronic data, in formats chosen by the Company. The Company will not change the file formats of the electronic data made available under this Rule 4.14(e) without first providing via Internet electronic mail and posting on the website at least seven (7) days notice of such change. The Company will make a good faith effort to provide a greater period of notice when warranted.

4.15 Codes of Conduct. The Codes of Conduct contained in the Company's EDC Tariff are incorporated herein by reference.

4.16 Standards of Conduct and Disclosure for Licensed EGSs. The Commission's Standards of Conduct and Disclosure for Licensees are incorporated herein by reference.

5. DIRECT ACCESS PROCEDURES

5.1 Customer Enrollment

The selection of Customers eligible to obtain Competitive Energy Supply shall occur in accordance with the Direct Access Procedures set forth in the Enrollment Procedures Applicable to Electric Distribution Companies and Electric Generation Suppliers During the Phased-In Implementation of Direct Access (Pa PUC Docket No. M-00960890F.0014 and M-00960890F.0015).

5.1.1 Provision of Customer Lists. Concurrent with the Company notifying Customers of their eligibility to select an EGS, the Company shall provide to all EGSs a complete list of eligible enrolled Customer information in electronic format. This list(s) shall include and designate Pilot Customers. This list shall be provided electronically and be made available on the same date Customers are notified that they have been enrolled. This list shall include all of the information outlined in Rule 5.1.3 (a), below for Customers that consent to the release of Customer information, and only the information identified in Rule 5.1.3(b), below, for Customers that do not so consent. The Company will continue to enroll Customers and the list of enrolled Customers will be updated weekly until the loads of the enrolled Customers comprise at least 66% of the non-coincident peak load of each residential and commercial rate class or full Direct Access begins.

5.1.3 Data Exchange.

(a) The list of enrolled Customers that the Company provides to all EGSs pursuant to Rule 5.1.2, above, shall contain the following information about Customers that have consented to the release of Customer information:

- (i) PP&L Account Number
- (ii) Billing Route
- (iii) Customer Name
- (iv) Service Address
- (v) Service City
- (vi) Service State Zip
- (vii) Mailing Address
- (viii) Mailing City
- (ix) Mailing State Zip
- (x) Contact Name (applicable to industrial and large commercial Customers only)
- (xi) Contact Address (applicable to industrial and large commercial Customers only)
- (xii) Contact City, State, Zip (applicable to industrial and large commercial Customers only)
- (xiii) Unlisted Phone Number Code
- (xiv) Telephone Number
- (xv) Rate Class
- (xvi) Rate Class Load Profile and Class Strata (if any)

- (xvii) Registered Peak Demand
- (xviii) Load Factor
- (xix) Annual kWh
- (xx) Meter Use Code
- (xxi) Delivery Date
- (xxii) Load Bus

(b) The list of enrolled Customers that the Company provides to all EGSs pursuant to Rule 5.1.2, above, shall contain the following information about Customers that have not consented to the release of Customer information:

- (i) Name, address, PP&L Account Number.
- (ii) Rate Class

5.1.4 Manner of Customer Consent. An EGS that enrolls a Customer in accordance with Rules 5.1 of this Tariff must ask the Customer whether the Customer consents to the disclosure to all EGSs by the Company of Customer-specific information. The EGS must retain a record indicating whether the Customer consented to such disclosure. If the record is not itself a hard copy document, but rather an electronic or computer record, the EGS must be able to print or otherwise reproduce the record in hard copy.

5.2 Initial EGS Selection for 1998.

This Rule 5.2 delineates the process of Customer selection of an EGS for the first time during the initial enrollment period. The process for a Customer's selection of an EGS for the first time thereafter is governed by Rule 5.3.

5.2.1

(a) An EGS must notify its Customers that by signing up for Competitive Energy Supply with the EGS, the Customer is consenting to the disclosure by the Company to the EGS of certain basic information about the Customer, as listed in Rule 4.14(a). At minimum, the notice shall inform the Customer that the following information will be disclosed: the Customer's PP&L account number, data about meter readings, rate class and electric usage, the Customer's address(es) and telephone number, and whether or not the Customer is on a budget billing plan or payment arrangement or as otherwise approved by the PUC Bureau of Consumer Services.

(b) If an enrolled Customer or person authorized to act on the enrolled Customer's behalf contacts the Company via telephone to select an EGS, the Company will direct the Customer to contact that EGS and will provide the telephone number of the EGS to the Customer, if required.

(c) The EGS will obtain appropriate authorization from the Customer, or from the person authorized to act on the Customer's behalf, indicating the Customer's choice of EGS. The authorization shall include the Customer's acknowledgment that the Customer has

received the notice required by Rule 5.2.1(a). It is the EGS's responsibility to maintain records of the Customer's authorization in the event of a dispute, in order to provide documented evidence of authorization to the Company or the Commission.

(d) The EGS shall provide an electronic file to the Company. The required electronic file shall include, at a minimum, EGS ID, PP&L Account Number, Action (ADD), Billing Option, Transaction Date and Transaction Time. Upon receipt of the electronic file from the EGS, the Company will automatically confirm receipt of the file. Within three (3) business days of receipt of the electronic file, through November 1, 1998 and one business day thereafter, the Company will validate the records contained in the file, and will provide an electronic validation, including the number of records received and the reason for any rejections. Such validation shall include appropriate control totals such as number of records received, and the reason for any rejections (e.g., invalid account number). Such validation also shall include information an EGS can use to identify rejected records. If a Customer selects more than one EGS, the EGS that submitted the EGS selection record with the latest valid EGS contract date to the Company before the end of the EGS selection period will be eligible to become the EGS of record on the Customer's regularly scheduled Meter Read Date in January, 1999.

(e) The Company will send, within ten (10) business days until November 1, 1998 and one business day thereafter, a confirmation letter to all Customers who have made an initial EGS selection. Included in this letter shall be notification of a 10-day waiting period in which the Customer may cancel its selection of an EGS. The confirmation letter shall include the Customer's Name, Address, PP&L Account Number, selected EGS, selected Billing Option (1-bill, 2-bills), Service Effective Date and Initial Billing Date. The waiting period shall begin on the day the letter is mailed to the Customer. If the 10-day waiting period expires, and the Customer has not contacted the Company to dispute the EGS selection, the EGS will become the EGS of record for delivery in January, 1999. If the Customer elects to rescind its EGS selection, the Company will notify the rejected EGS, electronically. In the event the Customer rescinds its EGS selection after the 10-day waiting period, the Customer will be advised that the rescinding period has expired and a switch must be requested via the normal EGS selection process.

5.2.2 If an enrolled Customer contacts the Company by mail to inform the Company that it wishes to obtain Competitive Energy Supply from a particular EGS, the Company will inform the customer that they need to contact the EGS to select the EGS as supplier consistent with the Commissions Standards or Enrollment. The EGS will verify its desire to serve the Customer and follow the process outlined in Rule 5.2.1, before the end of the initial EGS selection period.

5.3 Switching Among EGSs (or between an EGS and the Company as the Provider-of-Last Resort), and Initial Selection of an EGS Beginning in January, 1999

As of January 1999, initial EGS selection switching by Customers shall occur in accordance with the Direct Access Procedures contained in this Tariff.

5.3.1 An EGS must notify its Customers that by signing up for Competitive Energy Supply with the EGS, the Customer is consenting to the disclosure by the Company to the EGS of certain basic information about the Customer, as listed in Rule 4.14(b). At minimum, the notice shall inform the Customer that the following information will be disclosed: the Customer's PP&L account number, data about meter readings, rate class and electric usage, the Customer's address(es) and telephone number, and whether or not the Customer is on a budget billing plan or payment arrangement or as otherwise approved by the PUC Bureau of Consumer Services.

5.3.2

(a) If a Customer contacts a new EGS to request a change of EGS and the new EGS agrees to serve the Customer, the Customer's new EGS shall obtain appropriate authorization from the Customer or person authorized to act on the Customer's behalf indicating the Customer's choice of EGS. The authorization shall include the Customer's acknowledgment that the Customer has received the notice required by Rule 5.3.1. It is the EGS's responsibility to maintain records of the Customer's authorization in the event of a dispute, in order to provide documented evidence of authorization to the Company or the Commission.

(b) The Customer's new EGS also shall submit the Customer's information using a file format designated by the Company that complies with Commission requirements, if any, electronically. The required electronic files shall include, at a minimum, EGS ID, PP&L Account Number, Action (ADD), Billing Option, Transaction Date and Transaction Time. Upon receipt of the electronic file from the EGS, the Company will automatically confirm receipt of the file. Within one (1) business days of receipt of the electronic file, the Company will respond electronically and validate records contained in the file, including the number of records received and the reason for any rejections. Such validation shall include appropriate control totals such as number of records received, and the reason for any rejections (e.g., invalid account number). Such validation shall also include information an EGS can use to identify rejected records.

(c) The Company will send the Customer a confirmation letter within one business day notifying the Customer of the right to rescind within ten (10) days. If the Customer does not contact the Company within ten (10) days of the date on the confirmation letter, then the Company will process the selection. The selection will be effective as of the next scheduled Meter Read Date and the EGS will become the EGS of record for delivery provided that: (1) the Company has received at least sixteen (16) days prior notice from the EGS and all Customer information provided to the Company is accurate and complete; (2) the 10-day waiting period has expired; and (3) the Customer has not contacted the Company to dispute the EGS selection. In such circumstances, the Company will make available to the new EGS an electronic file, containing information for the new Customers of record for that particular EGS, in accordance with Rule 4.14(b).

If, during the 10-day waiting period, the Customer elects to rescind its new EGS selection, the Company will notify the rejected EGS of the rescission electronically. In the event the Customer rescinds their EGS selection after the 10-day waiting period, the Customer will be advised that the rescinding period has expired and a switch must be requested via the normal EGS selection process.

(d) Once the preceding process is complete, the Company will notify the Customer's prior EGS, of the discontinuance of service to the Customer from that prior EGS.

5.3.3 If a Customer contacts the Company to request a change of EGS, the Company will inform the Customer that the EGS must be contacted to process a supplier switch consistent with the Commissions Standards of enrollment and switching.

5.3.4 If an EGS wishes to obtain from the Company confidential Customer-specific information about a Customer with whom it is discussing the possibility of providing Competitive Energy Supply, the Company will only provide such information if the EGS provides to the Company a copy of written documentation indicating that the Customer has authorized the release of Customer information to the EGS or if the Customer has agreed to release the information during the enrollment process.

5.3.5 If a Customer contacts the Company to request a change of EGS to the Company's tariffed Energy and Capacity Charges for Default PLR Service, the Company will process the request as follows. The Company will send the Customer a confirmation letter notifying the Customer of the right to rescind. If the Customer does not contact the Company within ten (10) days of the date on the confirmation letter, then the Company will complete the request. The request will be effective as of the next scheduled Meter Read Date and the Company as the Provider-of-Last Resort will become the supplier of record for delivery provided that: (1) the Company has received at least sixteen (16) days prior notice from the Customer; and (2) the 10-day waiting period has expired; and (3) the Customer has not contacted the Company to rescind or dispute the switch to Default PLR Service. The Company will notify the Customer's prior EGS of the discontinuance of service to the Customer from that prior EGS. Nothing contained herein will result in discontinuance of service to the customer in the event of a default by an EGS.

5.3.6

(a) If a Customer contacts the Company to discontinue electric service at the Customer's then current location, and initiates a request for service at a new location in the Company's service territory, the Company will notify the current EGS, of the Customer's discontinuance of service for the account at the Customer's old location. The Company will also send an electronic transaction to the Customer's selected EGS for its new location, which may or may not be the current EGS. If the selected EGS is not the same EGS that served the Customer at the old location, the Company will inform the customer that the EGS must be contacted to establish service consistent with the Commissions Standards for switching.

(b) If a Customer contacts the Company to discontinue electric service and indicates that the Customer will be relocating outside of the Company's service territory, the Company

will notify the current EGS, via electronic file, of the Customer's discontinuance of service for the account at the Customer's location. If available, the Company will provide the EGS that served the Customer at the old location with the Customer's new mailing address or forwarding address.

5.3.7 If the Company elects to change the account number for a Customer receiving generation service from an EGS, the Company will notify the EGS of the change in account number at the same Customer location, via electronic file.

5.4 Provisions relating to an EGS's Customers.

5.4.1 Arrangements with EGS Customers. EGSs shall be solely responsible for having appropriate contractual or other arrangements with their Customers necessary to implement Direct Access consistent with all applicable laws, PaPUC requirements, and this Tariff. The Company shall not be responsible for monitoring, reviewing or enforcing such contracts or arrangements.

5.4.2 Transfer of Cost Obligations Between EGSs and Customers. Nothing in this Tariff is intended to prevent an EGS and a Customer from agreeing to reallocate between them any charges that this Tariff imposes on the EGS, provided that any such agreement shall not change in any way the EGS's obligation to pay such charges to the Company, and that any such agreement shall not confer upon the Company any right to seek recourse directly from the EGS's Customer for any charges owed to the Company by the EGS.

5.4.3 Customer Obligations. Customers of an EGS remain bound by the rules and requirements of the applicable EDC Rate Tariff under which they receive service from the Company with respect to service received from the Company under the applicable EDC Rate Tariff.

6. LOAD FORECASTING

6.1 Customer Load Forecasting. The Company, in conjunction with an EGS, shall perform a Customer load forecasting process for each EGS's load requirements which shall approximate EGS's anticipated aggregate hourly Customer load. The aggregate hourly load forecast shall define the hourly energy requirements for an EGS. Energy will be delivered to the Company's electric distribution system using the PJM power scheduling policies and procedures.

6.2 Forecasting Methodology.

6.2.1 Monthly Metered Customer Forecasts. For each EGS, the Company will provide hourly load profiles by rate class for Customers with monthly metering equipment, which will establish the hourly supply obligations of the EGS for serving such Customers. The Company has developed and will maintain, based on load survey data, load forecast categories corresponding to the Company's current rate class load profile identified in the EDC Tariff. The load curves of these rate classes will be the basis for the forecasts prepared by the EGS for the aggregate of monthly metered Customers' load in each rate class load profile.

6.2.2 Hourly Metered Customer Forecasts. An EGS shall provide hourly load forecasts for their Customers with Hourly or Sub-Hourly Metering Equipment.

6.2.3 Typical Load Curve Data. On or before the day of energy scheduling, the Company will make available to EGSs the typical load and all algorithms and data necessary to calculate the hourly forecast for monthly metered Customers. This information will be available on an ongoing basis for an EGS to download from the web-site and will permit an EGS to develop forecasts for any future period using the same methodology as the Company will use.

6.2.3.1 Updates to Typical Load Profile Data. The Company shall review annually its methodology, algorithms and load forecasting results and shall perform additional load studies to update the load curve data as required.

6.2.4 Right to Aggregate. EGSs may aggregate their Customers' loads. Such right to aggregate shall not mean that if a Customer of an EGS has multiple PP&L accounts, the Customer's PP&L charges may be billed conjunctively. Such right also shall not mean that the PP&L charges of an EGS's aggregated Customers may be billed conjunctively.

6.3 Customer Loads.

6.3.1 Determination of Customers for Pro-rata Share of Load. The Company will consider the Rate Schedules of LP-4, LP-5, LP-6, IS-P, LPEP, and IS-T as large Commercial and Industrial Customers and, if over-subscribed, will receive a 'pro-rata' share of the available rate schedule class load for competitive supply during phase-in. All other customers

will be able to have all of their load served by competitive supply if they are so chosen under the provisions of enrollment in their rate class. These customers shall be enrolled on a first come-first served basis pursuant to the Commission's procedures for customer enrollment.

6.3.2 Partial Purchase From Company Prohibited. Except as provided in Rule 6.2.5 and 6.2.6, a customer at a single metered location purchasing Competitive Energy Supply from an EGS may not simultaneously purchase energy or capacity from the Company.

6.3.2.1 Partial Purchase from Company during Phase-In. The Company shall allow partial competitive supply for large commercial and industrial customers for the duration of the phase-in (January 1, 1999 through January 1, 2000). The partial load from a competitive supplier will be first through the meter on a percent share for any given hour. The percent share shall be at a minimum of 61 percent (in the event of full participation in a rate class with full participation of pilot participating customers continuing their 5 percent of class load into phase-in). The pro-rata percent figure for industrial and large commercial rate classes will be released beginning on August 28, 1998 or as modified by Commission directive. All requirements and responsibilities based upon load and capacity share whether by the Company, PJM or the FERC will be applicable to the amount of the partial load being served by the EGS. Multiple suppliers are prohibited under partial load conditions.

6.3.3 Purchase of Energy and Capacity from More Than One EGS.

Customers may choose to be supplied with energy and/or capacity from more than one EGS. Customers or their EGSs will be responsible to the Company for any additional costs the Company incurs that result from a Customer purchasing energy and/or capacity from more than one EGS. Where one or more of the EGSs serving the customer fails to fulfill its obligation to supply energy or capacity, the customer may receive service from the Company. However, in order for the customer to continue to receive service from the customer's other EGS(s), the customer must arrange for a replacement for the non-supplying EGSs by the end of the second full monthly billing cycle after the customer receives notice of the EGS's failure to supply. If, by that time, the customer has not replaced the non-supplying EGS(s), the customer must either discontinue receiving service from the Company or receive service from the Company for its entire load.

6.3.3.1 Nature of Split Load Service. Customers may choose to be supplied with energy and/or capacity from more than one EGS starting with the first full billing cycle in the Year 2000, following the completion of the phase-in and when Rule 6.2.5.2 Partial Load Service therefore becomes unavailable. If a customer receives electric supply from more than one EGS, the Company is not obligated to supply consolidated EDC billing.

6.4 Daily Forecasting Process.

6.4.1 Business Days and Scheduling Window. The daily forecasting process shall be performed on each business day. A business day is a weekday excepting Company

holidays. The daily forecasting process shall be performed on each business day for a scheduling window consisting of all following days through the next business day.

For example, the daily forecasting process shall be performed Monday through Thursday (except holidays) for a scheduling window that covers the following day (midnight to midnight). If the following day is a holiday, then the scheduling window shall include the holiday and be extended to include the first business day following the holiday. Similarly, the daily forecasting process shall be performed on Friday for a scheduling window consisting of the following Saturday, Sunday, and Monday. If the Monday is a holiday, then the scheduling window shall include the holiday and extend through the first business day following the holiday.

In addition to the forecasts required of EGSs hereunder, the EGS may provide advance-hourly forecasts for each of its Customers with Hourly or Sub-Hourly Metering Equipment. Forecasts are not final until the business day before those forecasts are to apply.

6.4.2 Process Description for Forecasting. The following process shall be followed on each business day:

Step 1:

Each EGS will calculate the load forecast for each monthly metered rate class load profile by multiplying the load profile for the appropriate day type by the number of an EGS's Customers (including Customers of any Coordinated Suppliers that have a designated EGS as their Scheduling Coordinator) in that rate class load profile. These values will have been adjusted upward by an amount necessary to cover line losses based on current line loss percentages for the Customer Class to which each Customer belongs.

Step 2a:

By 10:00 a.m. Eastern Prevailing Time of the business day, an EGS shall enter the load forecast for each of an EGS's hourly metered Customers and for each hourly metered Customer of any Coordinated Suppliers that have a designated EGS as their Scheduling Coordinator and the aggregated forecast for monthly metered customers. Forecasts for hourly metered Customers should include estimated losses based on current loss factors for each rate class.

If an EGS fails to enter a load forecast for any of its required hourly metered Customers by 10:00 a.m. Eastern Prevailing Time the business day before the load forecast is to apply, the Company will use its forecast values calculated for the hourly load of the EGS previously entered for an Appropriate Similar Day. Such default values shall be binding on an EGS that fails to enter load forecasts as required as if it had entered the values itself.

Step 2b:

The Company and the EGS shall seek to reach an agreement as to the load forecasts submitted by an EGS under Step 2a, provided that nothing in this Step 2b shall limit the Company's right to reject a forecast and submit a Company forecast pursuant to Step 3.

Step 3:

The Company will accept or reject an EGS load forecast by 11:00 a.m. Eastern Prevailing Time. If the Company's Alternative Supplier Coordination (ASC) personnel determine that a forecast is going to be rejected and conditions permit, then a ASC staff member will attempt to contact an EGS to explain the reason for rejection and resolve forecast problems. If the reason for rejecting an EGS load forecast values or changes cannot be resolved by 12:00 noon Eastern Prevailing Time, the scheduling process will continue using the Company forecast values.

6.5 Real-Time Load Following. To the extent an EGS has installed and pays for the necessary metering and telecommunications equipment for actual load following, an EGS may follow such Customers' load. To the extent that an EGS's total supply is for such Customers, an EGS shall be obligated to follow such Customers' loads on a real-time basis.

For real-time load following, including interruptible Customers claimed with PJM as Active Load Management, an EGS will have special obligations with respect to both the Company and PJM that must be dealt with on a Customer-by-Customer basis to ensure operational integrity. An EGS and the Company shall work cooperatively to address the technical and operational issues posed by real-time load following as the need arises. The loads of Customers using real-time load following will not be incorporated into an EGS's hourly load forecasts except as required for PJM operation and transmission purposes.

To the extent an EGS's commencement of real-time load following requires modifications of the Company's computer, telemetering, telecommunication, and other systems to enable such activity, the EGS making such request shall be responsible for paying the Company's incremental costs associated with such modifications. The Company shall bill the EGS for any such costs in accordance with Rule 13 of this Tariff.

6.6 Adequacy of Forecast. An EGS may provide, at its own discretion, its own forecast for the aggregate requirements of its monthly metered Customers, independent of the Company's forecast. The EGS and the Company shall concur on the compatibility of the forecasting methodology to be used by the EGS. The Company may review, for operational reasons, an EGS's forecast. By executing an Individual Coordination Agreement, an EGS agrees that the Company's load forecast for monthly metered Customers will be used for scheduling absent a specific load forecast by the EGS and will be adequate for this purpose. An EGS's remedies for any claimed deficiency in the Company's forecast for monthly metered Customers shall be limited to either:

1. arranging, at its own expense, for the installation pursuant to PaPUC rules and procedures of Hourly or Sub-Hourly Metering Equipment at Customer's premises in order to permit the Customer's load to be forecasted, billed and reconciled as an hourly Customer; or
2. entering, at its own expense, into a joint load study with the Company to develop new load curves.

6.7 Provision of Load Profile Data.

The Company agrees that it will make Company personnel available to EGSs to explain and discuss the Company's load forecasting procedure, and the applicability of its methodology. In addition, the Company will provide EGSs, upon request, the data points used in the Company's load research system to develop the company's Load forecasts, provided, however, that nothing in this tariff will obligate the Company to disclose the customer specific metering data used to develop these data points.

6.8 Line Losses. For purposes of forecasting, scheduling, and reconciliation in sections 6-8 of this Supplier Coordination Tariff, the combined transmission and distribution line losses for the Secondary voltage level (Rate Schedules RS, RTS, RTD, GS-1, GS-3, GH, BL, IS-1, and those applicable to street and area lighting), the Primary voltage level (Rate Schedules LP-4 and IST), and the Transmission voltage level (Rate Schedules LP-5, LP-6, IST, LPEP, and Interruptible Service by Agreement Rider, and Standby Service) shall be calculated by multiplying hourly kWh sales delivered to customer(s) served at these voltage levels by the applicable line loss factor. The applicable line loss factors are:

Secondary voltage level - 1.08047231
Primary voltage level - 1.05364821
Transmission voltage level - 1.02682410

The Company reserves the right to file to revise these factors from time to time to reflect changes in system line losses. The Company will revise these line loss factors if the PJM imposes or changes any separate charges on its transmission customers for the level of line losses that is included in these factors. Any such revision will be filed with the FERC and the Commission, provided to EGSs via Internet electronic mail and posting on PP&L's website, and become effective thirty (30) days after filing unless otherwise ordered by the Commission or the FERC. PP&L will file any such revision and propose that it becomes effective concurrently with any change in or imposition of separate PJM line loss charges. The Company will make a good faith effort to advise EGSs of any change in these loss factors more than thirty (30) days in advance of a change when warranted.

7. LOAD SCHEDULING

7.1 Net Load Schedules. The net load schedule for an EGS shall be equal to the aggregate forecast value for all of the monthly metered and hourly metered Customers of that

EGS and any Coordinated Suppliers that have designated the EGS as their Scheduling Coordinator.

7.2 Rounding to Whole Megawatts. For as long as the PJM OI or its successor requires the scheduling and delivery of power only in whole MW, the Company will round the aggregate forecast value for each hour to a whole MW value for load scheduling purposes according to the following rules:

- If the aggregate forecast value for an hour is less than 1.0 MW, the value will be rounded to 1.0 MW.
- If the aggregate forecast value for an hour is greater than 1.0 MW, the value will be rounded downward to the nearest whole MW if the decimal portion is less than 0.5
- If the aggregate forecast value for an hour is greater than 1.0 MW, the value will be rounded upward to the nearest whole MW if the decimal portion is greater than or equal to 0.5.

7.3 Daily Load Scheduling Process.

7.3.1 Uploading Schedules. The Company will upload the load schedule for the scheduling window to PJM by 12:00 noon Eastern Prevailing Time on each business day using the PJM eScheduler System according to PJM requirements. The schedule uploaded by the Company shall be binding on that EGS.

7.3.2 Load Schedule Changes. An EGS may initiate changes to the load schedule using the PJM eScheduler System. It is the responsibility of an EGS to make any necessary changes to the PJM eScheduler System and submit a revised load forecast to the Company. The EGS will notify the Company by contacting a member of the Alternative Supplier Coordination Section by telephone and indicate that changes have been made and a general description of the operational reasons for the changes. The Company will make reasonable efforts to review and, if the reason for the changes are determined by the Company to be operationally valid, confirm the load schedule changes using the PJM eScheduler System, prior to the PJM designated deadline. In the absence of confirmation by the Company, the prior load schedule value will remain in effect. In light of deadlines imposed by the PJM OI for the submission of load schedule changes, an EGS should initiate any necessary changes and notify the Company well before the cut off time to increase the likelihood that the changes will be accepted.

8. RECONCILIATION SERVICE

8.1 General Description. Reconciliation service accounts for mismatches between an EGS's load schedule (with PJM approved load schedule changes) for serving its Customers and the energy that was actually used by those Customers. This service differs from Energy Imbalance Service – a related service performed exclusively by the PJM OI under the PJM Tariff – because the latter accounts for differences between an EGS's scheduled energy obligation and the quantity of energy actually delivered by the EGS. Because at the absence of universal real-time metering, the calculation of reconciliation quantities typically must occur after the monthly reading of Customers' meters.

8.2 Billing. The Company and the EGS will rely on PJM to perform calculations to determine the monetary value of reconciliation quantities and to bill and/or credit EGSs and the Company for oversupplies and undersupplies at an hourly price through the PJM grid accounting system. Effective April 1, 1998, with the implementation of Locational Marginal Pricing within PJM, the oversupplies and undersupplies will be calculated at the LMP as warranted.

8.3 The Company's Role. The Company will assist PJM in accounting for reconciliation quantities by (1) collecting all Customer usage data; (2) determining hourly reconciliation quantities for each EGS or Scheduling Coordinator; (3) calculating monthly reconciliation quantities for each EGS or Scheduling Coordinator; and (4) submitting the reconciliation quantities to the PJM OI. The Company also shall provide all algorithms and data necessary for an EGS to independently determine the reconciliation calculations.

8.4 Meter Data Collection. Meter data supplied to or collected by the Company shall be utilized to calculate the quantity of energy actually consumed by an EGS's Customers for a particular reconciliation period. The meter data shall be available for use following the time of a Customer's monthly meter reading. Thus, in order to measure the energy consumed by all Customers on a particular day, at least one month is required for data collection. In general, on each day that new metered-usage data is posted, one or more days in the previous month will become "fully metered."

8.4.1 Monthly Metered Customers. Data from monthly metered Customers is collected in subsets corresponding to customer billing cycles (billing routes), which close on different days of the month. To reconcile energy mismatches on an hourly basis, the Company shall convert such meter data for Customers to the equivalent hourly usage. Rate class load profiles adjusted for system load values will be applied to metered usage to derive an estimate for the hour-by-hour usage.

8.4.2 Hourly Metered Customers. Data from hourly metered Customers will also be collected by or provided to the Company monthly on a billing route basis.

8.5 Daily Reconciliation. Each business day that new fully metered days are available, the Company will determine hourly reconciliation quantities for that portion of the previous month's usage corresponding to new fully metered days. This information will be made

available to the EGS via the website and enable EGSs and the Company to track the day-by-day buildup toward the monthly reconciliation billing that the Company and the EGS will rely on PJM to perform.

The following calculations will be used to determine the reconciliation quantities:

Step 1:

Monthly-metered Customers' actual usage (the billing usage reported by or to the Company) will be spread over each hour in the usage period based on each Customer's weather-adjusted hourly usage curve using actual hourly weather data for the usage period. The monthly-metered Customer's weather-adjusted usage by hour will be multiplied by the loss factor determined by Customer rate class to determine the Customer's gross usage by hour.

Each hourly-metered Customer's hourly usage will be multiplied by a loss factor determined by Customer rate class to determine the Customer's gross usage by hour.

Step 2:

The gross hourly usage quantity for each Customer will be aggregated by the Company to arrive at a total gross Customer usage quantity by hour for each EGS for use in Step 3 of this Rule 8.5. For Scheduling Coordinators, this aggregation will account for usage of Coordinated Suppliers' Customers.

Step 3:

The hourly reconciliation quantity for each hour will be calculated by subtracting an EGS's hourly total gross Customer usage amount from the hourly load schedule submitted to PJM for that EGS, including the effect of any confirmed changes to the load schedule entered before the PJM accounting deadline.

8.6 Monthly Reconciliation. By the third business day after a calendar month becomes fully metered, the Company will compute and make available the complete hourly reconciliation quantities for the entire month to the Company Website.

By the third business day after a calendar month becomes fully metered, the Company will also transfer the monthly reconciliation quantity to PJM. The Company and the EGS will rely on PJM to calculate the EGS reconciliation dollar amounts for each hour. The Company and the EGS will rely on PJM to include EGS reconciliation dollar amounts in the monthly PJM bills to each EGS or Scheduling Coordinator.

9. UTILIZATION OF SCHEDULING COORDINATORS

9.1 Participation Through a Scheduling Coordinator. If an EGS chooses not to interact directly with PJM for scheduling purposes or cannot schedule directly with PJM because its schedules do not meet the "whole megawatt" requirements set by PJM for scheduling, an EGS may become a Coordinated Supplier by entering into a business arrangement with another EGS or other person that will act as a Scheduling Coordinator. A Coordinated Supplier may enter into this business arrangement with a Scheduling Coordinator(s) for an individual service such as load scheduling, or for a variety of services encompassing installed capacity, import capability, load scheduling, and reconciliation rights and responsibilities. To the extent it is responsible for the following activities, the Scheduling Coordinator's transmission service obligation, installed capacity obligation, import capability, load scheduling and reconciliation rights and responsibilities shall include its own Customers and the Customers of its Coordinated Suppliers. All actions of the Scheduling Coordinator that relate to one of its Coordinated Suppliers are binding on, and attributable to, said Coordinated Supplier.

9.2 Designation of a Scheduling Coordinator. To designate a Scheduling Coordinator, an EGS must provide the Company with a completed Scheduling Coordinator Designation Form, included as a Rider hereto, fully executed by both the EGS and the Scheduling Coordinator. The Scheduling Coordinator Designation Form is not intended to supplement or replace any agency contract between an EGS and a Scheduling Coordinator.

9.3 Change in or Termination of Scheduling Coordinator. To change a Scheduling Coordinator, or cease using a Scheduling Coordinator, an EGS shall notify the Company in writing and said notice shall specify the effective month of the change or termination. The effective day of the change or termination shall be the first day of the month indicated in the notification letter unless notification is received by the Company less than ten business days before the first day of that month, in which case the effective day of the change shall be the first day of the subsequent month.

In the event an EGS ceases using a Scheduling Coordinator, an EGS shall immediately resume the direct performance of all EGS obligations under this Tariff.

9.4 Load Scheduling through a Scheduling Coordinator. Coordinated Suppliers cannot submit individual load schedules to the PJM OI, nor can Coordinated Suppliers propose scheduling changes on an individual basis. Rather, the Scheduling Coordinator is responsible for submitting all schedules and changes thereto on behalf of itself as well as its Coordinated Suppliers.

9.5 Primary Obligations of A Coordinated Supplier. Notwithstanding their designations of Scheduling Coordinators, each and every EGS remains primarily responsible for fully satisfying the requirements of this Tariff.

10. METERING DATA

10.1 Generally. All metering activities will be in accordance with the Competitive Metering Specifications attached as a rider to this tariff.

11. CONFIDENTIALITY OF INFORMATION

11.1 Generally. All Company information available to an EGS in connection with the provision of coordination services, including, but not limited to, rate class load profile data, and information regarding the Company, computer and communications systems shall not be disclosed to third parties without appropriate authorization and/or consent.

11.2 Customer Information. The EGS shall keep all Customer-specific information supplied by the Company confidential unless the EGS has the Customer's authorization to do otherwise.

12. PAYMENT AND BILLING

12.1 Customer Billing by the Company or EGS. All customer billing by either the Company or EGS shall be done in accordance with the Competitive Billing Specifications attached as a Rider to this tariff.

12.2 EGS Payment of Obligations to the Company. An EGS shall pay all Coordination Services Charges or any other Charge it incurs hereunder in accordance with the following provisions:

12.2.1 Billing Procedure. Each month, the Company shall submit an invoice to the EGS for all Coordination Services Charges provided under this Tariff. The invoice may be transmitted to the EGS by any reasonable method requested by the EGS. An EGS shall make payment for Charges incurred on or before the due date shown on the bill. The due date shall be determined by the Company and shall not be less than fifteen (15) days from the date of transmittal of the bill.

12.2.2 Billing Corrections and Estimated Billings. Notwithstanding anything stated herein bills shall be subject to adjustment for any errors in arithmetic, computation, meter readings, estimating or other errors for a period for six (6) months from the date of such original monthly billing.

12.2.3 Manner of Payment. The EGS may make payments of funds payable to the Company by wire transfer to a bank designated by the Company. The Company may require that an EGS that is not creditworthy tender payment by means of a certified, cashier's, teller's, or bank check, or by wire transfer, or other immediately available funds. If disputes arise regarding an EGS bill, the EGS must pay the undisputed portion of disputed bills under investigation.

12.2.4 Late Fee for Unpaid Balances. If payment is made to the Company after the due date shown on the bill, a late fee will be added to the unpaid balance until the entire bill is paid. This late fee will be 2% per month on the unpaid balance.

12.2.5 EGS Default. In the event the EGS fails, for any reason other than a billing dispute as described below, to make payment to the Company on or before the due date as described above, and such failure of payment is not corrected within thirty (30) calendar days after the Company notifies the EGS to cure such failure, a Default by the EGS shall be deemed to exist. In the event of a billing dispute between the Company and the EGS, the Company will continue to provide service pursuant to the Individual Coordination Agreement and the Tariff as long as the EGS continues to make all payments not in dispute. A billing dispute shall be dealt with promptly in accordance with the dispute resolution procedures set forth below in Rule 18.

12.3 Billing for Supplier Obligations to Other Parties. The Company will assume no responsibility for billing between an EGS and PJM, an EGS and any energy source, or a Scheduling Coordinator and any Coordinated Suppliers.

12.4 Guarantee of Payments. Before the Company will render service or continue to render service, the Company may require an applicant for Coordination Service or an EGS currently receiving such service that has Bad Credit to provide a cash deposit, letter of credit, surety bond, or other guarantee, satisfactory to the Company. The Company will hold the deposit as security for the payment of final bills and compliance with the Company's Rules and Regulations. In addition, the Company may require an EGS to post a deposit at any time if the Company determines that the EGS is no longer creditworthy or has Bad Credit. An EGS shall have the right to submit to the Commission for resolution any reasonable dispute regarding such deposit, letter of credit, surety bond or other guarantee sought by the Company if the EGS believes such a requirement is inappropriately based or assessed.

12.5 Amount of Deposits. The deposit shall be equal to the value of Coordination Services Charges the Company projects the EGS will incur during the next two billing periods based on that EGS's forecasted load obligation.

12.6 Return of Deposits. Deposits secured from an EGS shall either be applied with interest to the EGS's account or returned to the EGS with interest when the EGS becomes creditworthy. In cases of discontinuance or termination of service, deposits will be returned with accrued interest upon payment of all service charges and guarantees or with deduction of unpaid accounts.

12.7 Interest on Deposits. The Company will allow simple interest on cash deposits calculated at the lower of the Interest Index or six (6) percent. Deposits shall cease to bear interest upon discontinuance of service (or, if earlier, when the Company closes the account).

12.8 Credit Information. In addition to information required otherwise hereunder, an EGS shall be required to provide to the Company such credit information as the Company requires. The Company will report to a national credit bureau the EGS's credit history with the Company.

13. WITHDRAWAL BY EGS FROM RETAIL SERVICE

13.1 Notice of Withdrawal to the Company. An EGS shall provide electronic notice to the Company in a form specified by the Company of withdrawal by the EGS from retail service in a manner consistent with the PaPUC's rulings in Docket No. M-00960890F.0013, and any subsequent applicable PaPUC rulings.

13.2 Notice to Customers. An EGS shall provide notice to its Customers of withdrawal by the EGS from retail service in accordance with the PaPUC's rulings in Docket No. M-00960890F.0013 and any subsequent applicable PaPUC rulings.

13.3 Costs for Noncompliance. An EGS that withdraws from retail service and fails to provide at least ninety (90) days written notice of said withdrawal shall reimburse the Company for any of the following costs associated with the withdrawal:

- (a) mailings by the Company to the EGS's Customers to inform them of the withdrawal and their options;
- (b) non-standard/manual bill calculation and production performed by the Company;
- (c) EGS data transfer responsibilities that must be performed by the Company; and
- (d) charges or penalties imposed on the Company by PJM or other third parties resulting from EGS non-performance.

14. EGS'S DISCONTINUANCE OF CUSTOMERS

14.1 Notice of Discontinuance to the Company. An EGS shall provide electronic notice to the Company in a form specified by the Company of all intended discontinuances of service to Customers in a manner consistent with applicable PaPUC rules, which apply to all Customer classes.

14.2 Notice to Customers. An EGS shall provide a minimum of thirty (30) days advance notice to residential customers prior to canceling generation supply service except as set forth below. An EGS may cancel generation supply service to a residential customer for theft of service, fraud or failure to pay overdue charges consistent with applicable Pa PUC orders and regulations. With respect to all other classes of Customers, it will be the EGS's responsibility to provide notice to a Customer of its intention to discontinue service in accordance with the EGS's contractual obligations with the Customer.

14.3 Effective Date of Discontinuance. Any discontinuance will be effective on a Meter Read Date and in accordance with the EGS switching rules in this Tariff and the EDC Tariff.

15. LIABILITY

15.1 General Limitation on Liability. The Company shall have no duty or liability with respect to electric energy before it is delivered by an EGS to a point of delivery on the Company's distribution system. After its receipt of electric energy and capacity at the point of delivery, the Company shall have the same duty and liability for distribution service to customers receiving Competitive Energy Supply as to those receiving electric energy and capacity from the Company.

15.2 Limitation On Liability For Service Interruptions And Variations. The Company does not guarantee continuous, regular and uninterrupted supply of service. The Company may, without liability, interrupt or limit the supply of service for the purpose of making repairs, changes, or improvements in any part of its system for the general good of the service or the safety of the public or for the purpose of preventing or limiting any actual or threatened instability or disturbance of the system. The Company is also not liable for any damages due to accident, strike, storm, riot, fire, flood, legal process, state or municipal interference, or any other cause beyond the Company's control.

15.3 Additional Limitations On Liability In Connection With Direct Access. Other than its duty to deliver electric energy and capacity, the Company shall have no duty or liability to an EGS providing Competitive Energy Supply arising out of or related to a contract or other relationship between an EGS and a Customer of the EGS.

The Company shall implement Customer selection of an EGS consistent with applicable rules of the Commission and shall have no liability to an EGS providing Competitive Energy Supply arising out of or related to switching EGSs, unless the Company is negligent in switching or failing to switch a customer.

15.4 Company's Indemnification of EGS. Subject to Rule 15.2, in the event the Company is not able to render continuous, regular, and uninterrupted supply of service due to interruption or service limitations not caused by the EGS, the Company shall hold the EGS harmless for any penalties, fines, or other costs that the Company may incur.

16. BREACH OF COORDINATION OBLIGATIONS

16.1 Breach of Obligations. The Company or an EGS shall be deemed to be in breach of its Coordination Obligations under the Individual Coordination Agreement and this Tariff upon its failure to observe any material term or condition of this Tariff, including any Rule and Regulation, Charge or Rider thereof.

16.2 Events of Breach. A material breach of Coordination Obligations hereunder, as described in Rule 16.1, shall include, but is not limited to, the following:

- (a) a breach of any Rule or Regulation of the Tariff;

- (b) an EGS's failure to maintain license or certification as an electric generation supplier or electricity supplier from the PaPUC;
- (c) an EGS's failure to make payment of any undisputed Coordination Services Charges in the time prescribed;
- (d) the involuntary bankruptcy/insolvency of the EGS, including but not limited to, the appointment of a receiver, liquidator or trustee of the EGS, or a decree by such a court adjudging the EGS bankrupt or insolvent or sequestering any substantial part of its property or a petition to declare bankruptcy as to reorganize the EGS; or
- (e) an EGS's filing of a voluntary petition in bankruptcy under any provision of any federal or state bankruptcy law, or its consent to the filing of any bankruptcy or reorganization petition against it under any similar law; or without limiting the generality of the foregoing, an EGS admits in writing its inability to pay its debts generally as they become due or consents to the appointment of a receiver, trustee or liquidator of it or of all or any part of its property.

16.3 Cure and Default. If either the Company or an EGS materially breaches any of its Coordination Obligations (hereinafter the "Breaching Party"), the other party (hereinafter the "Non-Breaching Party") shall provide the Breaching Party a written notice describing such breach in reasonable detail and demanding its cure. The Breaching Party shall be deemed to be in default ("Default") of its obligations under this Tariff and the Individual Coordination Agreement if: (i) it fails to cure its breach within thirty (30) days after its receipt of such notice; or (ii) the breach cannot be cured within such period and the Breaching Party does not commence action to cure the breach within such period and, thereafter, diligently pursues such action to completion.

16.4 Rights Upon Default. Notwithstanding anything stated herein, upon the occurrence of any Default, the party not in Default shall be entitled to (i) commence an action to require the party in Default to remedy such Default and specifically perform its duties and obligations hereunder in accordance with the terms and conditions hereof, and (ii) exercise such other rights and remedies as it may have in equity or at law.

17. TERMINATION OF INDIVIDUAL COORDINATION AGREEMENT

17.1 Termination. An Individual Coordination Agreement will or may be terminated as follows:

(a) **Withdrawal of the EGS from Retail Service.** In the event the EGS ceases to participate in or otherwise withdraws the provision of Competitive Energy Supply to Customers in the Company's Service Territory, the Individual Coordination Agreement between the EGS and the Company shall terminate thirty (30) days following the date on which the EGS has no more active Customers.

(b) **The Company's Termination Rights Upon Default by EGS.** In the event of a Default by the EGS, the Company may terminate the Individual Coordination Agreement between the EGS and the Company by providing written notice to the EGS in Default, without prejudice to any remedies at law or in equity available to the party not in Default by reason of the Default.

17.2 Effect of Termination. Termination of Individual Coordination Agreements will have the same effect on an EGS's Customers as the EGS's discontinuance of supply to such Customers described in the EDC Tariff: If a Customer of a terminated EGS has not switched to another EGS prior to termination, said Customer will receive Default PLR Service (as defined in the EDC Tariff) pending its selection of another EGS.

17.3 Survival of Obligations. Termination of an Individual Coordination Agreement for any reason shall not relieve the Company or an EGS of any obligation accrued or accruing prior to such termination.

18. ALTERNATIVE DISPUTE RESOLUTION

18.1 Informal Resolution of Disputes. The Company and EGS shall use good faith and commercially reasonable efforts to informally resolve all disputes arising out of the implementation of this Tariff and/or the conduct of Coordination Activities hereunder. The EGS's point of contact for all information, operations, questions, and problems regarding Coordination Activities shall be the Company's Alternative Supplier Coordination Section and the web-site.

18.2 Internal Dispute Resolution Procedures. Any dispute between the Company and an EGS under this Tariff or Individual Coordination Agreement shall be referred to a designated senior representative of each of the parties for resolution on an informal basis as promptly as practicable. In the event the designated representatives are unable to resolve the dispute within thirty (30) days (or such other period as the parties may agree upon) such dispute, by mutual agreement, may be referred to mediation in accordance with Section 8 of the Interim Code of Conduct in the EDC Tariff or may be submitted to arbitration and resolved in accordance with the arbitration procedures set forth below.

18.3 External Arbitration Procedures. If the amount in dispute is \$500,000 or less, the arbitration initiated under the Tariff or any Individual Coordination Agreement shall be conducted before a single neutral arbitrator appointed by the parties. If the parties fail to agree upon a single arbitrator within twenty (20) days of the referral of the dispute to arbitration the parties shall request the American Arbitration Association to appoint a single neutral arbitrator. If the amount in dispute exceeds \$500,000, each party shall choose one neutral arbitrator who shall sit on a three (3)-member arbitration panel. The two (2) arbitrators so chosen shall within twenty (20) days of their selection, select a third arbitrator to chair the arbitration panel. In any case, the arbitrators chosen shall be knowledgeable in electric utility matters, including electric transmission and bulk power issues, and shall not have any current or past substantial business or financial relationships with any party to the arbitration (except prior arbitration). The arbitrator(s) shall provide each of the parties an opportunity to be heard and, except as otherwise provided herein, shall generally conduct the arbitration in accordance with the then current Commercial Arbitration Rules of the American Arbitration Association.

18.4 Arbitration Decisions. Unless otherwise agreed, the arbitrator(s) shall render a decision within ninety (90) days of their appointment and shall notify the parties in writing of such decision and the reasons therefor. The arbitrator(s) shall be authorized only to interpret and apply the provisions of the Tariff and any Individual Coordination Agreement and shall have no power to modify or change any provisions in any manner. The decision of the arbitrator(s) shall be final and binding upon the Parties, and judgment on the award may be entered in any court of competent jurisdiction. The decision of the arbitrator(s) may be appealed solely on the grounds that the conduct of the arbitrator(s), or the decision itself, violated the standards set forth in 42 Pa. C.S.A. § 7341. The final decision of the arbitrator must also be filed with FERC and PaPUC, if it affects their respective jurisdictional rates, terms and conditions of service or facilities.

18.5 Costs. Each Party shall be responsible for its own costs incurred during the arbitration process and for the following costs, if applicable:

- (a) the cost of the arbitrator chosen by the party to sit on the three member panel and a proportionate share of the cost of the third arbitrator chosen; or
- (b) a proportionate share of the cost of the single arbitrator jointly chosen by the parties.

18.6 Rights Under The Federal Power Act. Nothing in this Section shall restrict the rights of any party to file a complaint with FERC under relevant provisions of the Federal Power Act.

18.7 Rights Under The Pennsylvania Public Utility Code. Nothing in this Section shall restrict the rights of any party to file a complaint with the Pa PUC under relevant provisions of the Pennsylvania Public Utility Code.

19. MISCELLANEOUS

19.1 Notices. Unless otherwise stated herein, any notice contemplated by this Tariff shall be in writing and shall be given to the other party at the addresses stated in the notice section of the Individual Coordination Agreement. If given by electronic transmission (including fax, telex, telecopy or Internet email), notice shall be deemed given on the date sent and shall be confirmed by a written copy sent by first class mail. If sent in writing by first class mail, notice shall be deemed given on the fifth business day following deposit in the United States mail (as noted by the postmark), properly addressed, with postage prepaid. If sent by same-day or overnight delivery service, notice shall be deemed given on the day of delivery. The Company and an EGS may change their representative for receiving notices contemplated by this Tariff by delivering written notice of their new representatives to the other.

19.2 No Prejudice of Rights. The failure by either the Company or the EGS to enforce any of the terms of this Tariff or any Individual Coordination Agreement shall not be deemed a waiver of the right of either to do so.

19.3 Gratuities to Employees. The Company's employees are strictly forbidden to demand or accept any personal compensation, or gifts, for service rendered by them while working for the Company on the Company's time.

19.4 Assignment.

19.4.1 An Individual Coordination Agreement hereunder may not be assigned by either the Company or the EGS without (a) any necessary regulatory approval and (b) the consent of the other party, which consent shall not be unreasonably withheld.

19.4.2 Any assignment occurring in accordance with Rule 19.4.1 hereunder shall be binding upon, and oblige and inure to the benefit of, the successors and assigns of the parties to the Individual Coordination Agreement.

19.5 Governing Law. To the extent not subject to the exclusive jurisdiction of FERC, the formation, validity, interpretation, execution, amendment and termination of this Tariff or any Individual Coordination Agreement shall be governed by the laws of the Commonwealth of Pennsylvania.

The Tariff or any Individual Coordination Agreement, and the performance of the parties' obligations thereunder, is subject to and contingent upon (i) present and future local, state and federal laws, and (ii) present and future regulations or orders of any local, state or federal regulating authority having jurisdiction over the matter set forth herein.

If at any time during the term of the Tariff or any Individual Coordination Agreement, the FERC, the PaPUC or a court of competent jurisdiction issues an order under which a party hereto believes that its rights, interests and/or expectations under the Agreement are materially affected by said order, the party so affected shall within thirty (30) days of said final order provide the other party with notice setting forth in reasonable detail how said order has

materially affected its rights, interests and/or expectations in the Agreement. Within thirty (30) days from the receiving party's receipt of said notice the parties agree to attempt through good faith negotiations to resolve the issue. If the parties are unable to resolve the issue within thirty (30) days from the commencement of negotiations, either party may at the close of said thirty (30) day period terminate the Agreement, subject to any applicable regulatory requirements, following an additional thirty (30) days prior written notice to the other party without any liability or responsibility whatsoever except for obligations arising prior to the date of service termination.

CHARGES

TECHNICAL SUPPORT AND ASSISTANCE CHARGE

AVAILABILITY/APPLICABILITY

Technical Support and Assistance is defined as support and assistance that may be provided by the Company to a licensed EGS in connection with questions raised, and research requests, by the EGS in support of its energy supply business. The Company is under no obligation to provide any such support and assistance, with the exception of the services described in the "Conditions" section below. Such support and assistance is categorized in three general areas:

1. Explanation of the Company's communications related to information posted to the website and /or sent via the Alternative Supplier Coordination Internet e-mail address;
2. Manual verification and confirmation of Customer account data beyond the information and messages available through the standard automated process; and
3. Explanation and definition of PP&L filings, PUC rulings and FERC orders

Such Technical Support and Assistance may include time spent by Company personnel conducting research in connection with an EGS inquiry.

TABLE OF CHARGES

First 10 hours ("Allowed Hours") per month per EGS:

No charge.

Any time beyond Allowed Hours:

\$53/hour

CONDITIONS

There will be no time recorded against an EGS's Allowed Hours in connection with inquiries covering required business interactions, specifically:

1. Normal daily forecasting and scheduling;
2. Standard automated processing of EGS data files by the Company;
3. Website availability and access; and
4. Erroneous data communicated by PP&L via the Internet address and the website.

LOAD DATA SUPPLY CHARGE

AVAILABILITY/APPLICABILITY

PP&L will fulfill, with Customer consent only, a request for Customer load information available on its information system once per calendar year for no charge. PP&L will provide additional or other information, with Customer consent only, but will do so only for a Charge, in accordance with the Table of Charges, below.

TABLE OF CHARGES

An EGS must pay the charges stated below per request to which PP&L responds in the following instances:

- All available historic load information other than electronically available historic hourly load information- \$106
- Any electronically available load data if requested in a calendar year in which PP&L has already provided such data once for no charge – PP&L's actual cost, using an hourly labor rate of \$53, and based on the time spent to fulfill the request to be determined at fifteen minute intervals.

CONDITION

No Customer-specific information will be supplied to an EGS before the Company's receipt of a Customer's written authorization to release such data to such EGS.

RIDERS**INDIVIDUAL COORDINATION AGREEMENT RIDER**

- 1.0 This Individual Coordination Agreement ("Agreement"), dated as of _____ is entered into, by and between PP&L, Inc. (the "Company") and _____ ("EGS").
- 2.0. The Company agrees to supply, and the EGS agrees to have the Company supply, all "Coordination Services" specified in the Electric Generation Supplier Coordination Tariff ("EGS Coordination Tariff"), including but not limited to load forecasting, load scheduling, and reconciliation services. Both Parties agree that such services are necessary to coordinate the delivery of Competitive Energy Supply to Customers located within the Company's service territory.
- 3.0 Representations and Warranties.
- (a) The EGS hereby represents, warrants and covenants as follows:
- (i) If an EGS will utilize Sections 6-9 of this tariff, the EGS is a member of the PJM and is in compliance, and will continue to comply either directly or through the EGS's Scheduling Coordinator, with all obligations, rules and regulations, as established and interpreted by the PJM OI, that are applicable to LSEs serving Customers located in the PJM Control Area; and
- (ii) The EGS is licensed by the PaPUC to provide Competitive Energy Supply to Customers in Pennsylvania and has and will continue to satisfy all other PaPUC requirements applicable to EGSs.
- (b) The Company and the EGS, individually referred to hereafter as the "Party," each represents, warrants and covenants as follows:

(i) Each Party's performance of its obligations hereunder has been duly authorized by all necessary action on the part of the Party and does not and will not conflict with or result in a breach of the Party's charter documents or bylaws or any indenture, mortgage, other agreement or instrument, or any statute or rule, regulation, order, judgment, or decree of any judicial or administrative body to which the Party is a party or by which the Party or any of its properties is bound or subject.

(ii) This Agreement is a valid and binding obligation of the Party, enforceable in accordance with its terms, except as such enforceability may be limited by applicable bankruptcy, insolvency or similar laws from time to time in effect that affect creditors' rights generally or by general principles of equity.

- 4.0 The EGS shall provide notice to the Company via facsimile, with a copy delivered pursuant to overnight mail, at such time that the EGS learns that any of the representations, warranties, or covenants in Section 3.0 of this Agreement have been violated.
- 5.0 As consideration for Coordination Services provided by the Company, the EGS shall pay the Company those Coordination Services Charges billed to the EGS in accordance with the terms and conditions of the EGS Coordination Tariff.
- 6.0 Coordination Services between the Company and the EGS will commence on _____.
- 7.0 Any notice or request made to or by either Party regarding this Agreement shall be made to the representative of the other Party as indicated below.

To PP&L, Inc.:

Telephone: _____

Facsimile: _____

Internet E-Mail: _____

To the EGS:

Attn: _____

Title: _____

Telephone: _____

Facsimile: _____

Internet E-Mail: _____

- 8.0 The EGS Coordination Tariff is incorporated herein by reference and made a part hereof. All terms used in this Agreement that are not otherwise defined shall have the meaning provided in the EGS Coordination Tariff.

PP&L, Inc.

IN WITNESS WHEREOF, and intending to be legally bound thereby, PP&L and the EGS identified above have caused this Coordination Agreement to be executed by their respective authorized officials.

PP&L, Inc.

By: _____
Name Title Date

By: _____
Name Title Date

SCHEDULING COORDINATOR DESIGNATION FORM

1.0 This Scheduling Coordinator Designation Form, dated _____, is being submitted to PP&L, Inc. (the "Company") by the following Electric Generation Supplier ("EGS"):

2.0 By submitting this form, the EGS hereby notifies the Company that it has appointed the following entity to act as its Scheduling Coordinator in accordance with Rule 9 of the Company's Electric Generation Supplier Coordination Tariff (the "EGS Coordination Tariff"):

3.0. The EGS further notifies the Company that it is designating the person identified in the preceding paragraph as its Scheduling Coordinator for the specific purpose(s) (please check and/or fill in):

_____ Load Scheduling

_____ Installed Capacity Obligations

_____ Import Capability

_____ Reconciliation Rights and Responsibilities

_____ Other: _____

The Scheduling Coordinator appointed by the EGS shall be responsible for the performance of all Coordination Obligations of the EGS that are specifically delegated to said Scheduling Coordinator in this Form.

4.0. The Company may utilize the Scheduling Coordinator as the sole point of contact with the EGS in connection with the Company's provision of.

Coordination Services if requested to do so by the EGS.

- 5.0 The EGS agrees that the Company may bill the Scheduling Coordinator directly for all Coordination Services Charges attributable to the EGS and that the Scheduling Coordinator will pay the Company such charges on behalf of the EGS in accordance with the terms and conditions in the EGS Coordination Tariff.
- 6.0 The EGS and its appointed Scheduling Coordinator shall comply with all terms and conditions of the EGS Coordination Tariff, including those pertaining to Scheduling Coordinators and to payment and billing.
- 7.0 All inquiries, communications or notices relating to the EGS's use of the Scheduling Coordinator designated above may be directed to the following representatives:

To the EGS:

Attn: _____
Title: _____
Telephone: _____
Facsimile: _____
Internet email: _____

To the Scheduling Coordinator:

Attn: _____
Title: _____
Telephone: _____
Facsimile: _____

Internet email: _____

8.0 The EGS Coordination Tariff is incorporated herein by reference and made a part hereof. All capitalized terms used, but not defined, in this designation form shall have the meaning stated in the EGS Coordination Tariff.

9.0 The EGS has executed this designation form below by its duly authorized representative as follows:

Signature: _____
Name: _____
Title: _____
Date: _____

10.0 The EGS has obtained the following Acknowledgment and Consent to this designation, which is executed below by the duly authorized representative of the Scheduling Coordinator:

Acknowledgment and Consent

Intending to be legally bound thereby, the duly authorized representative of above-designated Scheduling Coordinator has executed this document below to acknowledge and consent to its appointment as a Scheduling Coordinator, and to further state its agreement to abide by the terms and conditions of its designation set forth above in the Scheduling Coordinator Designation Form prepared by the EGS, including the terms and conditions of the EGS Coordination Tariff which is incorporated therein by reference.

Signature: _____
Name: _____
Title: _____
Date: _____

PP&L Competitive Metering Specifications Rider

Definition and Terms for Advanced Meters and Advanced Meter Services

1. Advanced meters must meet all applicable Pennsylvania Public Utility Commission ("Commission") and ANSI standards and the Company's applicable standards and codes for providing metering, metering devices and metering services contained in the Company's Tariff.
2. PP&L has the right of physical access to all metering and associated equipment for operational and emergency response purposes.
3. Advanced Meter Services can be defined and divided into two components:
 - a) the installation, removal, and maintenance of the physical meter required on a premise to measure the required variables.
 - b) reading the meter and validating the raw meter outputs and applying, editing, and estimating rules, adding corollary information needed to characterize the customer, and making requested customer information available to authorized parties.
4. In accordance with the "Joint Petition for Full Settlement of PP&L, Inc.'s Restructuring Plan and Related Court Proceedings" approved by the Commission on August 27, 1998 at Docket No. R-00973954, effective January 1, 1999, a Commission-licensed EGS may provide, finance, own, calibrate and remotely read advanced meters for service to residential customers located in PP&L's service territory subject to the ability of the EGS to comply with these Competitive Metering Specifications. An EGS shall not install, initially test or maintain advanced meters for service to residential customers located in PP&L's service territory prior to January 1, 2003. Prior to January 1, 2003, all advanced meters for residential customers shall be installed, initially tested and maintained by PP&L employees.
5. An EGS may request that the PUC allow that EGS to provide Advanced Meters and Advanced Meter Services in the licensing process.
 - a) An EGS that is currently licensed with the PUC and proposes to offer Advanced Meters and Advanced Meter Services shall file an amendment to its license to allow it to offer such services.
 - b) An EGS must submit to the PUC proof of its technical fitness to warrant expansion of its license to allow it to offer Advanced Meters and Advanced Meter Services. Such fitness standards will include, but will not be limited to, the ability of the EGS and/or its certified subcontractor to adhere to the same metering safety and installation standards and practices imposed upon PP&L.

- c) , and the technical ability to transfer data and information according to prescribed standards.
- d) A licensed EGS and the Company who currently provide advanced metering in the Commonwealth or elsewhere will be presumed to be technically fit to provide advanced metering in Pennsylvania and shall file the appropriate documents with the Commission.

Testing/Calibrating of Meters

Testing and calibration of meters must meet all applicable Commission standards. PP&L's testing requirements for advanced metering are Attachment B to this document.

Advanced Meter Installation

1. An EGS providing advanced metering services who wishes to replace the PP&L meter must give notice to PP&L at least four-business days prior to the date it proposed to change the meter. Such notice shall be given electronically. Business processes and required data to be exchanged will be defined by November 1, 1998 consistent with the data transfer procedures established by the Electronic Data Exchange Working Group Standards and the Data Transfer Schedule.

The transaction shall include the scheduled date that the EGS will change the meter.

2. An EGS providing advanced metering service may arrange for the installation of an advanced meter and the removal of the existing meter. The existing meter must be returned by the EGS to PP&L within five-business days. An advanced meter cannot be installed within four (4) business days prior to the customer's regularly scheduled meter reading date or one-business day after the customer's regularly scheduled meter reading date. In the fourth quarter 1999, this time period will be revisited by the parties and PP&L to will determine whether to modify the timing. PP&L will provide 60-days advance notice so that parties that disagree with PP&L's decision not to modify the timing may request the Commission to overrule or modify PP&L's decision.
3. An EGS installing an advanced meter must comply with all applicable Commission standards and PP&L's electric service requirements manuals.
4. PP&L will not require removal of an Advanced Meter that meets PP&L's required specifications as a condition of a customer's return to PLR service.

5. Transformer-rated meter installations.

Current Transformers (CT) & Voltage Transformers (VT)

- PP&L will own all CT & VT installations
- PP&L will install and replace all CT's & VT's at the request of an EGS providing metering service
- An EGS providing metering service will be responsible for verifying all CT's & VT's operate accurately, with their meter, and ensuring compliance with PUC installation requirements. PP&L will be responsible for the accuracy testing of CT's and VT's (ratio and phase angle) prior to installation. If necessary, PP&L will provide a copy of the test results to the EGS upon request.
- An EGS providing metering service is responsible for coordinating any customer outages required for changes to the customer's meter, CT's & VT's, or associated equipment

Instrument Transformer Wiring

- PP&L will own all CT & VT wiring (color-coded), from the CT & VT up to the meter test switch
- the "line of demarcation", where PP&L responsibility ends and the responsibility of the EGS providing metering service begins, is at the load-side (meter side) of the meter test switch
- PP&L is responsible to connect / disconnect meter wiring from the meter test switch, unless a qualified EGS providing metering service chooses to do so

Meter Panels

- PP&L will own and provide a meter panel for all transformer rated meter installations. The meter panel must be kept in place at all times, with wiring and components left intact.
- PP&L will leave the existing meter panel in place for use by an EGS providing metering service. The EGS providing metering services can elect to install their meter into the PP&L meter panel or provide a wiring extension from the load side (meter side) of the test switch to an EGS provided meter and/or panel, if the standard ANSI socket configuration is not acceptable.

- PP&L will not be responsible for wiring past the load side (meter side) of the test switch if the EGS decides to install an adjacent meter panel. The PP&L provided meter panel must remain in place at all times and will act as the demarcation point for the metering wiring.
- PP&L will install and maintain meter panels for all existing and new installations.
- An EGS provided meter panel must be removed from service after termination of a customer contract unless arrangements are made for use by a future meter service provider.

Metering Credits

- If an existing or upgraded PP&L meter is required for metering a customer's account, the customer will not receive a metering credit
- PP&L's meter must be replaced by the meter of the EGS providing metering service, in order for the customer to receive the applicable metering credit.
- If an existing PP&L meter is removed by an EGS, it must be returned to PP&L in order for a customer to receive the applicable metering credit. The credit will be retroactive to the actual removal date.

6. Non-Transformer-Rated Meters

Meter Panels

- The Customer is responsible for meter panel / meter socket for all non-transformer rated meter installations, per PP&L's Rules for Electric Meter and Service Installations.

Metering Credits

- If an existing or upgraded PP&L meter is required for metering a customer's account, the customer will not receive a metering credit.
- PP&L's meter must be replaced by the meter of the EGS providing metering service, in order for the customer to receive the applicable metering credit.
- If an existing PP&L meter is removed by an EGS, it must be returned to PP&L in order for a customer to receive the applicable metering credit. The credit will be retroactive to the actual removal date.

7. Access to customer premise for meter installation and maintenance. The EGS is responsible to obtain access to customer premises or locked rooms within customer premises directly from the customer. PP&L will not provide an EGS with customer keys or access to PP&L 's customer keys in order to gain access to restricted areas within the customer's facility.
8. PP&L will provide an EGS with security keys for PP&L's barrel lock rings.

Meter Reading

1. An EGS providing advanced metering service may request an adjustment to the meter reading schedule for an account which it meters and select from an existing PP&L defined meter reading route. On January 1, 1999, PP&L will accommodate an EGS specified meter reading schedule for Rate Schedules LP4, LP5, LP6, LPEP, IST, ISP, ISA, PR-1, and PR-2. By the end of the second quarter 1999 PP&L will accommodate EGS specified meter-reading schedules for its remaining rate schedules. The EGS must ask the Customer whether the Customer consents to the switch in meter reading schedule. The EGS must retain a record indicating the customer has consented to this change. If the record is not itself a hard copy document, but rather an electronic or computer record, the EGS must be able to print or otherwise reproduce the record in hard copy upon request.
2. All data collected by an EGS providing advanced metering service, which is required by PP&L for billing and distribution service operation, shall be transmitted electronically consistent with the data transfer procedures established by the Electronic Data Exchange Working Group Standards and the Data Transfer Schedule.
3. If PP&L is providing the metering service and the EGS is providing the customer with a consolidated EGS bill, all metering data which is required by the EGS for billing shall be transmitted electronically to the EGS consistent with the data transfer procedures established by the Electronic Data Exchange Working Group Standards and the Data Transfer Schedule
4. Any authorized party that is providing advanced metering is responsible for the safe installation, maintenance, authorized operation, the accuracy of such advanced metering, and for resolving theft of service issues. In the case of theft of service, the party that discovers a theft of service condition will notify the other party within five-business days.

5. Any party providing advanced metering service is required to keep the most recent 12 months of customer consumption data for each metered customer. Such data must be retained for a period of 36 months. Such data must be released on request to the customer or, if authorized by the customer, to any EGS or to PP&L.

Dispute Resolution

1. A dispute involving PP&L and an EGS shall be handled pursuant to Rule 18 of PP&L's Electric Generation Supplier Coordination Tariff. The PUC has final adjudication authorization of all disputes.
2. Customer disputes involving advanced meter reading issues shall be handled by the EGS as the entity responsible for the advanced meter. The EGS will coordinate with PP&L so that a proper investigation is made within the time period defined by 52 Pa. Code §56.151(5) and that the customer is informed of the results of the investigation. PP&L shall provide all information needed by the EGS relating to the customer's complaint and must do so within five (5) business days of the EGS's request if the information can be obtained without contact in the field with the customer. If field contact with the customer is required (e.g. access to meter for re-read), the information will be provided within ten (10) business days.

Termination of Service to Customers with Competitive Metering Services

1. PP&L will maintain responsibility for physically energizing, discontinuing and terminating service to customers.
2. For any account that is metered by an EGS, PP&L may terminate service to an account, after proper notice to the customer in accordance with the Commission's regulations and PP&L's tariff.
3. At the time a field termination visit is scheduled, PP&L will notify the EGS of the scheduled time for such termination visit.

**Attachment A -
Metering Specifications****Requirements for Advanced Metering**

An Advanced Meter Service Provider supplying metering systems for electric distribution customers of the PP&L Local Distribution Company (LDC) will comply with the latest version of all applicable standards and codes for providing metering, metering devices, and metering services, including but not limited to the following:

- Applicable parts of the Pennsylvania Code Title 52, Chapter 56 and Chapter 57
- Any other applicable PA PUC guidelines
- All applicable ANSI standards, including specifically:
 - ANSI C12 standards
 - ANSI C57 standards
 - ANSI C2 standards(National Electrical Safety Code)
- National Electric Code standards
- NEMA standards
- PP&L "Rules for Electric Meter and Service Installations"
- PP&L Requirements for Commercial Electric Service
- OSHA requirements

The performance, accuracy, testing, calibration, and installation of the above mentioned metering systems, including revenue meter, instrument transformers, and any other ancillary devices (e.g., recorders, test switches, relays, etc.), shall comply with all requirements in the Pennsylvania Code, Title 52, Chapter 57, and the latest version of all applicable ANSI C12 standards.

The Advanced Meter Service Provider shall assure that the following specific requirements are met.

For All Meters:

- All meters must be permanently tagged/labeled on the nameplate with the name of the EGS; PP&L or subcontractor providing meters for the EGS or PP&L.

- All meters are to have a nameplate with values for "CTR", "VTR", "PkH", kh, form and "Multiply by" as applicable.
- Certain invalidated, non-billing data, as mutually agreed upon, will be made available to the non-metering party.
- All meters must be equipped with a visual or optical watt-hour indicator for meter testing. This indicator is to be calibrated to the meter watt-hour constant (Kh).
- For each meter installed by the Advanced Meter Provider, the following shall be provided: accuracy test information, vendor serial number, all metering and billing constants, and any other meter records information as required by the PUC. This data shall be provided by the method agreed upon in the Data Exchange Working Group.
- All meters must comply with ANSI C12.1, ANSI C12.13, ANSI C12.18, and ANSI C12.19, as applicable.
- The Advanced Meter Provider will have their representative present at the customer site to meet a PP&L representative if PP&L exercises its right to test the meter, in lieu of providing meter application programs and passwords.
- All meters shall be tested and maintained as per PUC requirements and ANSI standards.

For Electromechanical Watt-hour Meters:

- The accuracy and form designation of electromechanical watt-hour meters must comply with ANSI C12.1 and ANSI C12.10.
- Electromechanical watt-hour meters may only be used for customers with peak demands of less than 75 kW.

For Solid-state Electricity Meters:

- The accuracy and form designation of solid-state electricity meters must comply with ANSI C12.16 and ANSI C12.20.
- Solid-state electricity meters may be used for any customer, but must be used for customers with peak demands of 75 kW or greater.
- Solid-state electricity meters used for customers with peak demands of 75 kW or greater, must be 0.2 accuracy class.
- Solid-state electricity meters used for customers with peak demands of less than 75kW, must be 0.2 or 0.5 accuracy class.
- Solid-state electricity meters used with an internal *Transformer Loss Compensation* feature need only to meet ANSI 12.1 accuracy requirements if the same meter meets the above specified accuracy class without the feature.

For Metering Installations:

- Metering Installations shall conform to the metering installation requirements in the PP&L Rules for Electric Meter and Service Installations manual, however these requirements will not limit the use of the latest technology and will be updated as necessary so as not to preclude the use of such new technology.
- Metering Installations for Self-Contained Meters must have an approved meter socket as defined in PP&L's listing of Approved Meter Base Tables. Meter socket locations will be specified by PP&L,
- All self-contained meters must be either socket based or K-based in configuration. The maximum nominal voltage cannot exceed 240 volts phase to phase.
- Metering Installations for Transformer-Rated Meters will be jointly coordinated by the EGS Meter supplier and PP&L. PP&L will supply and install the instrument transformers, meter panel, and wiring.
- Metering Installations must comply with ANSI C12.6, ANSI C12.7, ANSI C12.8, ANSI C12.9 and all applicable NEC codes.

**Attachment B -
 Metering Specifications**

PP&L Local Distribution Company

Installation Test Requirements for Advanced Metering

An Advanced Meter Service Provider supplying metering systems for electric distribution customers of the PP&L Local Distribution Company (LDC) will test all meters and associated devices in compliance with all requirements of the Pennsylvania Code Title 52, Chapter 57, and as specified in the table below. As required by the PA code, meters will be tested before installation, after removal, and for periodic maintenance as prescribed for each type of meter. Before installation and periodic in-service maintenance, a full test of all meter system components shall be made as specified below. After removal, only the as-found accuracy tests as described in the PA code are necessary.

Type of Meters/Devices	1 Voltage Test	2 Light & Full Load Test	3 Inductive Load Test	4 Customer Load Test	5 Demand Test	6 Register Verification	7 Phase Angle Test	8 Separate Element Check	9 Burden Test	10 Communications Test
Self-Contained kWh Meters	X	X	2	2						3()
Transformer-Rated kWh Meters	X	X	2	2				X	X	3()
										()
Transformer-Rated Multifunctional Meters	X	X	2	2			X	X	X	3(4)
										()
Solid State Recorders	X				X					4
										()
										()

- 1 Performed if demand is present.
- 2 Performed when deemed necessary.
- 3 Performed if communications option is present and its proper operation is suspect.
- () Deleted Values

**Attachment C -
Metering Specifications**

**Advanced Meter Services Provider
Qualifications Document**

**Attachment A –
Advanced Meter Services Provider Application Form**

**Application for Advanced Meter
Services Provider Certificate**

***PLEASE PRINT OR TYPE ***

1. Name of Person or Entity: _____

2. Current Business Address: _____

Street Address:

City: _____ State: _____ Zip Code: _____

Registered Service Agent (if a corporation):

Street Address: _____

City: _____ State: _____ Zip Code: _____

Business Telephone Number: _____

1. Insurance Requirement: The Applicant shall maintain, and submit with this application proof of insurance, as described below:
 - a. Worker's Compensation Insurance with required statutory limits.
 - b. Comprehensive General Liability Insurance with a combined single limit of not less than \$1,000,000 per occurrence, which shall include vehicle liability.
 - c. The Applicant may self-insure for the above coverages if Applicant is approved for self-insurance for worker's compensation or auto insurance under applicable Pennsylvania law.
2. Please attach a detailed description all of the Applicant's current employees' electric meter testing installation, maintenance, repair and removal experience, including their Meter Worker Level. The Applicant must have at least one full time employee who is a Level 2 or Level 3-Meter Worker.
3. Please attach a detailed description of the Applicant's hiring and retention policies with regard to employees providing testing, installation, maintenance, repairing or removing of metering devices, especially with regard to the screening and periodic review of the medical history, job history and record of criminal convictions of any prospective or existing personnel who enter onto customer premises or property. Additionally, attach a detailed description of training programs, procedures and policies regarding testing installation, maintenance, repairing, or removing of electrical meters or metering devices. Applicant's policies must provide that its employees wear uniforms and carry proper identification while on site for installation, maintenance, repairing, or removing of electrical meters or metering devices. If Applicant will also provide incidental or backup meter reading over and beyond routine and maintenance, attach a detailed description of the Applicant's training programs, procedures and policies regarding meter reading. Applicant's policies must provide that its employees wear uniforms and carry proper identification while on site for meter reading.
4. Please attach a detailed description of the educational and training requirements in electrical work and electrical safety that the applicant will require of its employees before they are allowed to install, maintain, repair, or remove electrical meters or metering devices.
5. By submitting this Application, Applicant agrees to comply with any and all of the Advanced Meter Services Provider Standards approved by the Pennsylvania Public Utility Commission, including but not limited to, *Meter Testing, Calibration and Installation* and *Meter Worker Qualifications*. Failure to comply shall be grounds for the Pennsylvania Public Utility Commission to revoke Advanced Meter Service Provider certification.

PP&L, Inc.

6. By submitting this Application, Applicant agrees to comply with any and all of the Advanced Meter Services Provider reporting or filing requirements. Such filings shall include, but not be limited to, Applicant's list of qualified workers due each year to the Pennsylvania Public Utility Commission by January 31.
7. By submitting this Application, Applicant agrees to comply with the safety requirements applicable to metering services as found in the National Electrical Safety Code, ANSI, National Electric Code, and OSHA requirements for electrical metering work.
8. By submitting this Application, Applicant agrees to comply with any and all applicable laws, rules and regulations of the United States. Failure to comply shall be grounds for revoking Applicant's Meter Service Provider Certification.

DECLARATION

I, (print name), _____

(Print title) _____

Declare under the penalty of perjury that the above statements are true and correct.

Dated this _____ day of _____ 19____

at

(Place of execution)

Signature: _____

PP&L, Inc.

Note: the verification must be made by an affidavit sworn or affirmed before a notary public.

Return this Application with required attachments to:

**Advanced Meter Services Provider Certification
Pennsylvania Public Utility Commission**

Advanced Meter Services Provider

- I. **Advanced Meter Services Provider perform the following services:**
 - a) The installation, removal, testing and maintenance of the physical meter required on a premise to measure the required variables.
 - b) Reading the meter and validating the raw meter outputs and applying, editing, and estimating rules, adding corollary information needed to characterize the customer, and making requested customer information available to authorized parties.

Meter Worker Qualification Requirements For Advanced Metering Services

I. Introduction

Three levels of meter worker qualifications are set forth as criteria for meter workers to perform the installation, removal, testing, and maintenance of physical meters within an EDC's service territory. Advanced metering services may be performed, by an electric distribution company (EDC), or an electric generation supplier (EGS), if certified to perform such services. EDC's and EGS's may perform these services through agreements with certified subcontractors.

II. General

If the EDC is subcontracting the meter services, then the EDC will ensure the Advanced Meter Services Provider issues to each meter worker or employee, who performs metering work, appropriate identification, indicating the worker's employer and the level of meter work the worker is qualified to perform. This identification must be carried by each meter worker during the performance of work.

If the EGS is subcontracting the meter services then, the EGS will ensure that the Advanced Meter Services Provider issues to each meter worker or employee, who performs metering work, appropriate uniforms and identification, indicating the worker's employer and the Level of meter work the worker is qualified to perform. This identification must be carried by each meter worker during the performance of work.

All meter workers sub-contracted to perform meter services pursuant to this Agreement must have sufficient training to exercise due care for the tasks performed.

III. LEVEL DESCRIPTIONS AND REQUIREMENTS

A. Level 1

1. Metering Types and Voltages

This level includes single phase, socket-based meters, and A-Based meters, 300 volts phase-to-phase maximum and does not include transformer rated meters. Communication wiring must be outside of energized meter panels.

2. Work to be Performed

Level 1 Meter Workers can install, remove and replace single-phase, 120/240 volt or 120/208 volt, self-contained meters in standard meter socket's, A-Based configurations in residential-commercial type metering equipment. Connections of communication conductors must be outside the energized meter panels.

3. Safety Skills

- a) Job performance in accordance with employing Advanced Meter Services Provider's procedures and safety rules
- b) Knowledge of hazards of electricity and ability to perform work to avoid electrical hazards
- c) Ability to comply with OSHA requirements and safety codes if applicable
- d) On-site use of personal protective equipment
- e) Ability to comply will ANSI-C2 (National Electric Safety Code)

4. Essential Technical Skills

- a) Understanding of single phase electrical metering
- b) Understanding of electric distribution safety procedures
- c) Ability to identify energy diversion or tampering related to this Level of meter work
- d) Ability to install and remove damaged and un-damaged electric meters in this level of meter work
- e) Understanding of meter panel's, socket layouts and configuration of A-Base connections for the metering conditions related to this Level of meter work
- f) Ability to read meters used in this class
- g) Ability to properly use tools appropriate to the work in this class
- h) Ability to connect meter communications external to the meter panel

- i) Ability to initialize meter communication modules - not utilizing Type 2 optical ports and meter configuration software

5. How Essential Technical and Safety Skills Are Determined

- a) Advanced Meter Services Providers will develop and implement a program to train their workers to perform Level 1 meter work safely and properly.
- b) Employees will be certified by their employers, based on prior experience or, the successful completion of the Advanced Meter Services Provider's training program.
- c) To facilitate agreements for performing meter work in this level, EGSs and EDCs may decide to share training programs, however, it is with the understanding that the appropriate non-disclosure agreements are executed.
- d) EGS and Advanced Meter Services Provider employees currently employed in classifications performing these functions, or within the last three (3) years were previously employed in classifications performing these functions, are considered qualified.
- e) Advanced Meter Services Providers will develop and implement a classroom training program (16hrs.) to train their workers to perform Level 1 meter work safely and properly, including a minimum of forty (40) hours of on the job training (OJT) working alongside a meter worker with at least 6 months experience at level 1, 2, or 3.

B. Level 2

1. Metering Types and Voltages

This Level includes all meter types in Level 1. Level 2, includes single-phase, two-phase, poly-phase, safety socket, standard socket-based meters, A-base, K-base, and transformer rated meters with internal diagnostics up to 600 volts phase to phase. Communication wiring may be routed inside the panel, and work can be in and around energized circuits.

2. Work to be Performed

In addition to Level 1 Meter Work, Level 2 Meter Workers can install, remove and replace single-phase, network, and poly-phase meters, 600-volt phase to phase maximum. Operate test-bypass facilities in self-contained safety sockets. Communication wiring may be installed inside the panel, and work can be performed in and around energized circuits. On panels without

test-bypass facilities, poly-phase meters will not be removed or installed without first disconnecting the customer load.

Further, Level 2 Meter Workers can install, remove and replace all meters consistent with the above, including transformer-rated meters with internal diagnostics (if detected, metering problems with test switches, panel wiring or transformers and transformer wiring will be corrected by a Level 3 Meter Worker). Level 2 Meter Workers may operate test switches, but may not install, alter, maintain or replace wiring between the meter, test switch, test block and associated equipment.

3. Safety Skills

- a) Cumulative including all skills and safety knowledge for Level 1
- b) Electrical safety knowledge and work skills appropriate for three-phase metering up to 600V phase-to-phase, including the ability to identify and refer to a Level 3 or higher meter installer services above 600V phase-to-phase prior to performing work in the service equipment, or if voltage rating is not labeled, at the time of initial voltage check.
- c) Ability to perform phase rotation assessments and wiring verification.
- d) Ability to operate test-bypass facilities or test blocks in a self-contained safety socket.
- e) Ability to perform work required to route communication wiring to accommodate meter communications.
- f) Additionally must have the knowledge needed for up to 600 volts, poly-phase, (two-phase and three phase) services and the forms and voltages applicable to Level 2 Meter Work.
- g) Ability to understand, interpret and take appropriate action based on built-in diagnostics of solid state meters.
- h) Ability to work with transformer rated meters and operate test switches of 600 volts or less.
- i) Awareness of instrument transformer operating characteristics including ability of potential transformer to back feed to primary system

4. Essential Technical Skills

- a) Cumulative of all Technical skills for Levels 1.
- b) Ability to perform work required to route communication wiring to accommodate meter communications.
- c) Ability to understand, interpret, identify and take appropriate actions based upon built-in diagnostics of solid state meters.
- d) Ability to perform meter accuracy tests in locations other than in the meter socket using semi-automatic meter test equipment at the customer site or in truck mounted equipment.

5. How Essential Technical and Safety Skills Are Determined

- a) Advanced Meter Services Providers will develop and implement a class room training program (16hrs.) to train their workers to perform Level 2 meter work safely and properly, including a minimum of forty (40) hours of on the job training ("OJT") working alongside a meter worker with at least 6 months experience at level 2, or 3.
- b) Employees will be certified by their employers, based on successfully completing the MSP's training program.
- c) To facilitate agreements for performing meter work in this level, EGSs and EDCs may decide to share training programs, however, it is with the understanding that the appropriate non-disclosure agreements are executed.
- d) Advanced Meter Services Providers work can be reviewed by the EDC's.

6. Experience Requirements

Minimum experience requirements that must be demonstrated prior to qualification for individuals wanting to become a Level 2 Meter Worker.

- a) After 12 months OJT working with a Level 2 or Level 3 meter worker who has at least 6 months experience and upon successfully completing the Advance Meter Services Provider training program a worker may be certified as a Level 2 Meter Worker,

or

- b) If an employee has a two or four year degree in a related subject, then after four (4) months OJT working alongside a Level 2 or Level 3 meter

worker with at least six months of experience and upon successful completion of the Advanced Meter Services Provider training program (16hrs.) a worker may be certified as a Level 2 Meter Worker,

or

- c) If entry level experience of any employee is that of a journeyman 16 hr OJT level electrician, journeyman level electric metering worker, or journeyman level line worker (e.g., lineman, troubleman), then upon successful completion of the advance meter services provider training program (16hrs.) the worker may be certified as a Level 2 Meter Worker

C. Level 3

1. Metering Types and Voltages

This Level includes all meter types in Levels 1 and 2. Level 3 work includes all metering up to 600V, including transformer rated meters with primary and secondary voltages less than 600V plus the additional skills needed to perform work on metering systems with instrument transformer primary side voltages over 600V. Communication wiring may be behind the panel, and work can be in and around energized circuits.

2. Work to be Performed

In addition to Level 1 and 2 Meter Work, Level 3 Meter Workers can install, remove and replace all meters consistent with the above including transformer-rated meters. Complete understanding of operating characteristics of metering transformers and operates test switches. May perform in-field meter accuracy tests, burden test, calibrations and perform all types of meter maintenance and troubleshooting on all meters. Programs and verifies internal programs and software in solid state meters.

3. Safety Skills

- a) Cumulative of all safety skills for Levels 1 and 2.
- b) Ability to recognize and understand electrical hazards and complexities associated with metering switchboards, instrument transformers, testing meters and maintaining meters.
- c) Awareness of instrument transformer operating characteristics including ability of potential transformer to back feed to primary system.

4. Essential Technical Skills

- a) Cumulative of Levels 1 and 2.
- b) Ability to perform work on metering panels.
- c) Ability to understand the operating characteristics of metering transformers and how to operate test switches.
- d) Ability to perform calibration, repair, retrofit, troubleshooting, data collection of electric meters and install, maintain and program advanced metering technologies, including time of use, interval data, real time pricing, remote meter communication, and load control devices.

5. How Essential Technical and Safety Skills Are Determined

- a) Advanced Meter Services Provider's will develop and implement a class room training program (40hrs.) to train their workers to perform Level 3 meter work safely and properly, including a minimum of 6 months of on the job training ("OJT") working alongside a meter worker with at least 6 months experience at level 3.
- b) All workers will be certified by the test process outlined below.
- c) Advanced Meter Services Provider's work can be reviewed by the EDC's.

6. Experience Requirements

- a) All individuals seeking to perform advanced metering services as a Level 3 Meter Worker must successfully pass written and practical (demonstrative) tests. These tests will be administrated by the Advanced Meter Services Provider.
- b) Prerequisites for taking the written and practical tests include demonstrated knowledge or certificate of a state certified apprenticeship training program or a degree in electrical / electronic technology from an accredited institution of higher education and demonstrated experience in at least one of the following areas:
 - 1) minimum of one year experience as a Level 2 Meter Worker, including 6 months OJT with a Level 3 Meter Worker, with at least 6 months experience

or

- 2) In the event a standardized test program created by a professional organization is created and is approved or authorized by the Pennsylvania Public Utility Commission or other appropriate regulatory authority, for certifying Level 3 Meter Worker(or equivalent level) then, any person who passes such test shall be qualified as a Level 3 Meter Worker,

or

- 3) employment as a journeyman metering employee.

7. Testing and Re-Certification Requirements

- a. Once an individual takes and passes the Level 3 Meter Worker Test and is otherwise qualified as a Level 3 Meter Worker they are qualified to perform that level of advanced metering work anywhere in Pennsylvania.
- b. If after being qualified a meter worker does not perform metering work for three (3) years or more, re-certification will be required prior to performing that Level of meter work.

8. Continuing Education

As part of a Level 3 Meter Worker's ongoing ability to remain qualified the individual must participate in at least twelve (12) hours annually of the Advanced Meter Services Provider's training program regarding technical metering standards, safety related issues, and up-dating of meter software programs and PC skills.

PP&L Competitive Billing Specifications Rider

Availability of Competitive Billing Services

1. An EGS that is qualified and plans to offer consolidated EGS billing to its customers beginning in January, 1999 as defined in the Joint Petition for Full Settlement of PP&L, Inc.'s Restructuring Plan and Related Court Proceedings, subject to the provisions of Paragraph H.7 of the settlement agreement, must inform PP&L 60 days prior to the scheduled implementation date determined by the requirements of Paragraph H.7 of its intention to offer EGS consolidated billing.
2. A customer may choose to change his/her billing option. The customer can switch billing options through his/her EGS or through PP&L when the customer wishes to return to PLR service. The change will be effective as of the next scheduled meter read date provided that PP&L has received at least 16-calendar days prior notice.
3. An EGS is not required to offer consolidated EGS billing in order to participate as a supplier in PP&L's service territory.

Billing Service Options

Consolidated EDC Billing

1. PP&L will render a consolidated EDC bill monthly and in accordance with the Public Utility Code and the Commission's regulations (52 Pa. Code §56.1 et seq.)
2. If PP&L is providing metering services, PP&L will transmit Meter Data (e.g., meter reads, consumption, demand, dates and type of reading) to the EGS. If the EGS is providing advanced metering services, the EGS will transmit Meter Data to PP&L.
3. The EGS will calculate its customers' charges and will send its' customers' basic charges including date of billing period, consumption, usage, rate and resulting calculation ("EGS Charges") to PP&L in accordance with the data transfer procedures established by the Electronic Data Exchange Working Group Standards. PP&L and an EGS may develop, for future consideration, a fee structure to enable PP&L to include non-basic EGS charges on a PP&L consolidated bill.

4. PP&L will provide the EGS up to two lines, each 80 characters in length, on its standard bill for messages directly related to the calculation or understanding of the EGS portion of the bill.
5. PP&L and EGSs will transmit Meter Data and billing charges to each other in accordance with the data transfer procedures established by the Electronic Data Exchange Working Group Standards and the attached interim monthly billing schedule (Attachment E - Data Transfer Schedule.) The Data Transfer Schedule will remain in effect until December 31, 1999. In the fourth quarter 1999, the Data Transfer Schedule will be revisited by PP&L and the parties and PP&L will determine whether to modify the timing reflecting in the Data Transfer Schedule beyond December 31, 1999 and PP&L will provide 60-days advance notice to EGSs before any modification takes effect so that parties that disagree with the discontinuance of the Data Transfer Schedule may request the Commission to overrule or modify PP&L's decision.
6. EGS Charges must be received by PP&L in accordance with the Data Exchange Standards and the Transfer Schedule.
7. If PP&L does not receive EGS charges in accordance with the Data Transfer Schedule, PP&L will place the EGS charges into the next billing cycle and the delayed EGS charges will appear on the customer's bill the following month. The customer's bill for the current billing period will state that the EGS charges for the current billing period are not available. The remittance period for EGS charges will begin when EGS charges actually appear on the bill. Any transactions with EGS charges sent to PP&L which are not in accordance with the Data Exchange Standards established by the Electronic Data Exchange Working Group or after the time periods outlined in the Data Transfer Schedule, will be rejected and the EGS will need to resubmit this data the following month.
8. PP&L will collect customer's payments and will process payments in accordance with the Commission's Chapter 56 standards and payment priority set forth in Docket No. M-00960890F.001 and Rule 9 of PP&L's EDC Tariff.
9. PP&L will pay the EGS for amounts owed for all undisputed EGS charges regardless of whether the customer has paid PP&L. An amount is deemed disputed if the customer contacts PP&L questioning the charges on the bill and he/she does not agree with PP&L's and/or the EGS's position regarding the amount due for EGS charges. If the EGS charges are not in dispute, PP&L will remit all applicable monies due the EGS, even if the PP&L portion of the bill is disputed. A customer's claim of the inability to pay shall not constitute a dispute for purposes of PP&L's obligation to pay the EGS its undisputed charges. If PP&L is required to make payment to the EGS for electricity delivered to the customer for which the customer has not made timely payment to PP&L, then

PP&L shall be subrogated and succeed to the EGS's rights of recovery with respect to the electricity delivered to the customer from whom payment has not been received by PP&L. In no event may PP&L terminate a customer for any unpaid EGS charges subrogated to PP&L under this provision.

10. PP&L will pay the EGS in accordance with the following schedule:

- a. Residential Rate Classes - PP&L will send the EGS the amount of its undisputed EGS Charges, regardless of whether the customer has paid PP&L, within 25-calendar days from the date of the electronic transmission of the EGS Charges.
- b. Non Residential Rate Classes. - PP&L will send the EGS the amount of its undisputed EGS Charges within 20-calendar days from the date of the electronic transmission of the EGS Charges
- c. Payment will not be made to the EGS when EGS Charges are not received by PP&L within the specified time period, as explained in paragraph 6 above. Payment for these charges will be made according to the applicable schedule in the following month, if they are received within the appropriate time period along with the current month charges.
- d. PP&L will make payments of funds payable to the EGS by ACH with remittance advice to a bank designated by the EGS.

11. Undisputed accounts that are 90 days or three billing cycles overdue, whichever is shorter, will be considered seriously delinquent and, at the request of either the EDC or EGS, will revert to two-bill status.

12. Budget Billing. The EDC and EGS must provide a budget billing option for their charges. If an EGS does not offer a budget billing option (and the Commission waives any applicable requirement), the following process will apply:

- EGS transmits its CURRENT charges to PP&L
- PP&L places EGS CURRENT charges on the PP&L bill
- PP&L sends bill to customer
- PP&L pays EGS within 25-calendar days for residential rate classes and 20-calendar days for non-residential rate classes for EGS CURRENT charges
- Customer pays PP&L and EGS CURRENT and PP&L charges

If an EGS does offer a budget billing option, the following process will apply:

- EGS calculates its budget amount based on its own budget billing protocol and transmits its BUDGET charges to PP&L
- PP&L calculates BUDGET charges for its portion and places them on the PP&L bill
- PP&L applies combined BUDGET charges to the bill and sends bill to customer
- PP&L pays EGS within 25-calendar days for residential rate classes and 20-calendar days for non-residential rate classes for BUDGET charges
- Customer pays PP&L for EGS BUDGET and PP&L BUDGET charges

General Rules for Budget Billing:

- Under EDC consolidated billing, both PP&L and the EGS will be responsible for calculating and managing the deferred balance for their respective budget charges.
- A customer can elect budget billing option for PP&L charges, EGS charges, or both.
- PP&L's reconciliation occurs in month 12 (not necessarily December), or immediately when a customer ends budget billing.
- All rates classes are eligible for EDC budget billing option.
- PP&L will provide information of a customer's budget billing status to an EGS when confirming a customer switch.
- An EGS can notify PP&L electronically, after receiving customer permission, to change or end the EDC budget billing option.
- The customer will stay on PP&L budget billing if no indication is made by the EGS at the time of the customer switch.
- PP&L must display actual, budget and budget billing balance on the bill.

13. PP&L charges and EGS charges shall be based on the PP&L defined meter reading route. An EGS providing advanced metering services may request an adjustment to the meter reading schedule for an account which it meters. The EGS may select another PP&L defined meter reading schedule for that account. On January 1, 1999, PP&L will accommodate an EGS specified meter reading for Rate Schedules LP4, LP5, LP6 LPEP, IST, ISA, PR-1,

PR-2, and ISP. By the end of the second quarter 1999 PP&L will accommodate EGS specified meter reading schedules for its remaining rate schedules. The EGS must ask the Customer whether the Customer consents to the switch in meter reading schedule. The EGS must retain a record indicating the customer has consented to this change. If the record is not itself a hard copy document, but rather an electronic or computer record, the EGS must be able to print or otherwise reproduce the record in hard copy upon request. The request must be received sixteen (16) days prior to the customer's currently scheduled meter read date and the change will take effect after that meter reading.

14. Dispute Process.

a. Residential Dispute Process.

1. PP&L shall process all disputes in accordance with the Public Utility Code and the Commission regulations (52 Pa. Code 56.1 et. seq.) PP&L, as the entity responsible for the consolidated bill, must coordinate with the EGS so that a proper investigation of a customer dispute is conducted and completed within the time period prescribed by 52 Pa Code 56.151(5) and that the customer and the EGS (if the EGS is involved in the dispute) are informed of the results of the investigation. The EGS shall cooperate fully with PP&L and shall provide all information needed by PP&L relating to the customer's dispute and must do so within five (5) business days of PP&L's request if no field visit is needed, and within ten (10) business days of PP&L's request if a field visit is needed. Attachment A outlines PP&L's customer inquiry and dispute procedure for EDC consolidated billing.

b. Residential Informal Complaints.

1. PP&L shall process all informal complaints in accordance with the Public Utility Code and the Commission's regulations. PP&L, as the entity responsible for the consolidated bill, must coordinate with the customer's EGS so that the proper information is submitted to the Commission's Bureau of Consumer Services within the time period required by the Commission. Attachment B outlines PP&L's informal complaint procedure for EDC consolidated billing.
2. Any violation letter sent by the Commission shall be addressed to the billing entity at the time of the alleged violation. All violations committed by PP&L, as determined by the Commission, during EDC consolidated billing and the handling of the informal complaint are the responsibility of PP&L.

c. Non-Residential Dispute Process.

1. PP&L, as the entity responsible for the consolidated bill, will coordinate with the EGS so that the proper investigation is made and that the customer and the EGS (if the EGS is involved in the dispute) are informed of the results of the investigation. The EGS shall provide all information needed by PP&L relating to the customer's complaint and must do so within five (5) business days of PP&L's request if no field visit is needed, and within ten (10) business days of the EGS's request if a field visit is needed.

d. Non-Residential Informal Complaints.

1. PP&L shall process all informal complaints in accordance with the Public Utility Code and the Commission's regulations. PP&L, as the entity responsible for the consolidated bill, must coordinate with the customer's EGS so that the proper information is submitted to the Commission's Bureau of Consumer Services within the time period required by the Commission.
 2. Any violation letter sent by the Commission shall be addressed to the billing entity at the time of the alleged violation. All violations committed by PP&L, as determined by the Commission, during EDC consolidated billing and the handling of the informal complaint are the responsibility of the EDC.
15. PP&L will follow its current credit and collection policies for collections. Outstanding prior balances are not transferred when a customer switches from PP&L to an EGS, switches from one EGS to another, switches from an EGS to PLR or when the customer chooses another billing option, unless mutually agreed to by PP&L and the individual EGS.

Consolidated EGS Billing

1. The EGS will render a consolidated EGS bill monthly and in accordance with the Public Utility Code and the Commission's applicable regulations (52 Pa. Code §56.1 et seq.)
2. If PP&L is providing the metering services to the customer, PP&L will transmit Meter Data to the EGS. If the EGS is providing advanced metering services to the customer, the EGS will transmit the Meter Data to PP&L.

3. PP&L will calculate its customers' charges and will send its unbundled charges ("PP&L charges") to the EGS via VAN or Internet protocol.
4. EGS will provide space to enable PUC mandated messages in accordance with Chapter 56.
5. PP&L and EGSs will transmit Meter Data and billing charges to each other in accordance with the attached interim monthly billing schedule (Attachment E - Data Transfer Schedule.) The Data Transfer Schedule will remain in effect until December 31, 1999. In the fourth quarter 1999, the Data Transfer Schedule will be revisited by PP&L and the parties and PP&L will determine whether to modify the timing reflecting in the Data Transfer Schedule beyond December 31, 1999 and PP&L will provide 60-days advance notice to EGSs before any modification takes effect so that parties that disagree with the discontinuance of the Data Transfer Schedule may request the Commission to overrule or modify PP&L's decision.
6. PP&L charges will be provided to the EGS in accordance with the data transfer procedures established by the Electronic Data Exchange Standards and the Data Transfer Schedule.
7. If PP&L charges are not received by the EGS in accordance with the Data Transfer Schedule. The EGS will place the PP&L charges into the next billing cycle and the delayed PP&L charges will appear on the customer's bill the following month. The customer's bill for the current billing period will state that the PP&L charges for the current billing period are not available. The remittance period for EGS charges will begin when EGS charges actually appear on the bill. Any transactions with PP&L charges sent to an EGS after the time periods outlined in the Data Transfer Schedule will be rejected and PP&L will need to resubmit this data the following month.
8. The EGS will pay PP&L for the customer's amounts owed for all undisputed PP&L Charges regardless of whether the customer has paid the EGS. An amount is deemed disputed if the customer contacts the EGS questioning the charges on the bill and he/she does not agree with the EGS's and/or PP&L's position regarding the amount due for PP&L charges. If PP&L charges are not in dispute, the EGS will remit all applicable monies due PP&L, even if the EGS portion of the bill is disputed. A customer's claim of an inability to pay shall not constitute a dispute for purposes of the EGS's obligation to pay PP&L its undisputed charges. If the EGS is required to make payment to PP&L for electricity delivered to the customer for which the customer has not made timely payment to the EGS, then the EGS shall be subrogated and succeed to PP&L's rights of recovery with respect to the electricity delivered to the customer from whom payment has not been received by the EGS. In

no event, however, may an EGS terminate a customer's PLR service or PP&L's EDC service.

9. The EGS will pay PP&L in accordance with the following schedule:
- a. Residential Rate Classes (Rate Schedules RS, RTD, RTS) - The EGS will send PP&L the amount of the undisputed PP&L charges within 25-calendar days from the date of the electronic transmission of the PP&L charges
 - b. Non Residential Classes. - The EGS will send the PP&L the amount of its undisputed PP&L charges within 20-calendar days from the date of the electronic transmission of the PP&L charges.
 - c. Payment will not be made to PP&L when PP&L charges are not received by the EGS within the specified time period, as explained in paragraph 6 above. Payment for these charges will be made according to the applicable schedule in the following month, if they are received within the appropriate time period along with the current month charges.
 - d. The EGS will make payments of funds payable to PP&L by ACH with remittance advice to a bank designated by PP&L.
10. Budget Billing. The EGS will include on its bill the budget-billing amount for PP&L customers who choose the budget billing option offered by PP&L. The following process will apply:

If the EGS does not offer its own budget billing option (and the Commission waives any applicable requirement):

- PP&L will transmit its BUDGET charges (including previous balance and current actual) to the EGS
- EGS places PP&L BUDGET charges on the EGS bill
- EGS sends bill to customer
- EGS pays PP&L within 25-calendar days for residential rate classes and 20-calendar days for non-residential rate classes for BUDGET charges
- Customer pays EGS for PP&L BUDGET and EGS charges

Month 12 Process:

- PP&L transmits the previous balance (credit or debit) plus CURRENT charges
- EGS places PP&L CURRENT and previous balance (credit or debit) charges on the EGS bill
- EGS sends bill to customer
- EGS pays PP&L within 25-calendar days for residential rate classes and 20-calendar days for non-residential rate classes for BUDGET balance and CURRENT charges
- Customer pays EGS for CURRENT and previous balances.

If the EGS offers its own budget billing option, the following process will apply:

- PP&L transmits its BUDGET charges to EGS
- EGS calculates its BUDGET charges and places them on the EGS bill with PP&L budget charges
- EGS send bill to customer
- EGS pays PP&L within 25-calendar days for residential customers and 20 days for non-residential customers for BUDGET charges
- Customer pays EGS for PP&L and EGS BUDGET charges and EGS BUDGET charges.

General Rules for Budget Billing:

- Under EGS consolidated billing, both PP&L and the EGS will be responsible for calculating and managing the deferred balance for their respective budget billing charges.
- An EGS will provide information of a customer's budget status to PP&L when confirming a customer switch.
- An EGS can notify PP&L electronically, after receiving customer permission, to change or end the PP&L budget billing option.
- The customer will stay on PP&L budget billing if no indication is made by the EGS at the time of the switch.
- PP&L must transmit actual, budget and budget balance for display on the bill.

11. PP&L charges and EGS charges shall be based on the EDC defined meter reading route. An EGS providing advanced metering services may request an adjustment to the meter reading schedule for an account, which it meters. The EGS may select another EDC defined meter reading schedule for that account. On January 1, 1999, PP&L will accommodate an EGS specified meter reading of Rate Schedules LP4, LP5, LP6 LPEP, IST, PR-1, PR-2, ISA and ISP. By the end of the second quarter 1999 PP&L will accommodate EGS specified meter reading schedules for its remaining rate schedules. The EGS must ask the Customer whether the Customer consents to the switch in meter reading schedule. The EGS must retain a record indicating the customer has consented to this change. If the record is not itself a hard copy document, but rather an electronic or computer record, the EGS must be able to print or otherwise reproduce the record in hard copy upon request. The request must be received sixteen (16) days prior to the customer's currently scheduled meter read date and the change will take effect after that meter reading.

12. Dispute Process

a. Residential Disputes.

1. The EGS shall process all complaints in accordance with the Public Utility Code and the Commission's regulations (52 Pa. Code 56.1 et. seq.) The EGS, as the entity responsible for the consolidated bill, must coordinate with PP&L so that a proper investigation of a customer dispute is conducted and completed within the time period prescribed by 52 Pa. Code 56.151(5) and that the customer and PP&L (if PP&L is involved in the dispute) are informed of the results of the investigation. PP&L shall cooperate fully with the EGS and shall provide all information needed by the EGS relating to the customer's dispute and must do so within five (5) business days of the EGS request if no field visit is needed, and within ten (10) business days of the EGS's request if a field visit is needed. Attachment C outlines the EGS's customer inquiry and dispute procedure for EGS consolidated billing.

b. Residential Informal Complaints.

1. The EGS shall process all informal complaints in accordance with the Public Utility Code and the Commission's regulations. The EGS, as the entity responsible for the consolidated bill, must coordinate with PP&L so that the proper information is submitted to the Commission's Bureau of Consumer Services within the time period required by the Commission. PP&L will provide the EGS, to the extent it has the data, information relating to the customer's previous EGSs during the

previous two years to assist the EGS in providing the Commission's required two year billing history. Attachment D outlines the EGS informal complaint procedure for EGS consolidated billing.

2. Any violation letter sent by the Commission shall be addressed to the billing entity at the time of the alleged violation. All violations committed by the EGS, as determined by the Commission, during EGS consolidated billing and the handling of the informal complaint are the responsibility of the EGS.

c. Non-Residential Dispute Process.

1. The EGS, as the entity responsible for the consolidated bill, will coordinate with PP&L so that the proper investigation is made and that the customer and PP&L (if PP&L is involved in the dispute) are informed of the results of the investigation. PP&L shall provide all information needed by the EGS, relating to the customer's complaint and must do so within five (5) business days of the EGS's request if no field visit is needed, and within ten (10) business days of the EGS's request if a field visit is needed.

d. Non-Residential Informal Complaints.

1. The EGS shall process all informal complaints in accordance with the Public Utility Code and the Commission's regulations. The EGS, as the entity responsible for the consolidated bill, must coordinate with PP&L so that the proper information is submitted to the Commission's Bureau of Consumer Services within the time period required by the Commission. PP&L will provide the EGS, to the extent it has the data, information relating to the customer's previous EGSs during the previous two years to assist the EGS in providing the Commission's required two year billing history. Attachment D outlines the EGS informal complaint procedure for EGS consolidated billing.
2. Any violation letter sent by the Commission shall be addressed to the billing entity at the time of the alleged violation. All violations committed by the EGS, as determined by the Commission, during EGS consolidated billing and the handling of the informal complaint are the responsibility of the EGS.

13. The EGS will follow credit and collection policies in compliance with the applicable Commission regulations. Outstanding balances are not transferred when a customer switches from the EGS to PP&L, switches from

one EGS to another or when the customer chooses another billing option, unless mutually agreed to by PP&L and the individual EGS.

Separate EDC/EGS Billing

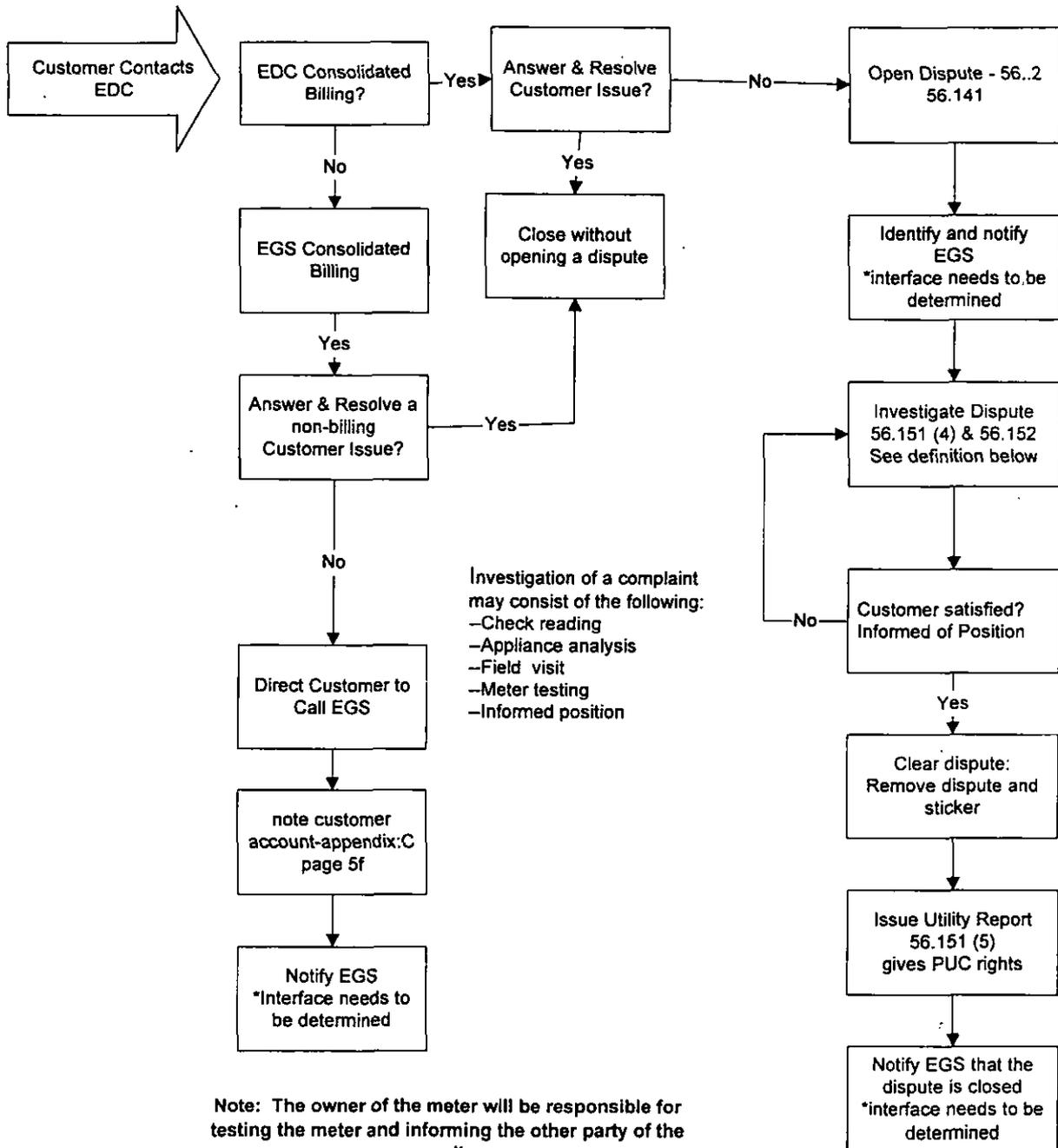
1. PP&L and the EGS will separately send their bills directly to the customer.
2. If PP&L is providing the metering services to the customer, PP&L will transmit Meter Data to the EGS. If the EGS is providing advanced metering services to the customer, the EGS will transmit the Meter Data to PP&L.

Service Terms & Conditions

1. If PP&L does not receive payment for undisputed charges within 25-calendar days for residential customers or 20-calendar days for non-residential customers after the charges are communicated to the EGS, then PP&L may provide notice of breach to the EGS at any time thereafter, at PP&L's discretion. Upon notice of a breach, the EGS shall have 20-calendar days to cure it. If the EGS has not cured the breach within 20-calendar days, PP&L may terminate consolidated EGS billing and take over billing functions for the customer. In no event shall these procedures result in a customer being sent two bills covering the same service.
2. If an EGS does not receive payment for undisputed charges within 25-calendar days for residential customers or 20-calendar days for non-residential customers after the charges are communicated to PP&L, then the EGS may provide notice of breach to PP&L at any time thereafter, at the EGS's discretion. Upon notice of a breach, PP&L shall have 20-calendar days to cure it. If PP&L has not cured the breach within 20-calendar days, PP&L will pay simple interest on the unpaid amount calculated at the lower of the (a) Interest Index, as defined in PP&L's Electric Generation Supplier Coordination Tariff, of (b) six (6) percent.

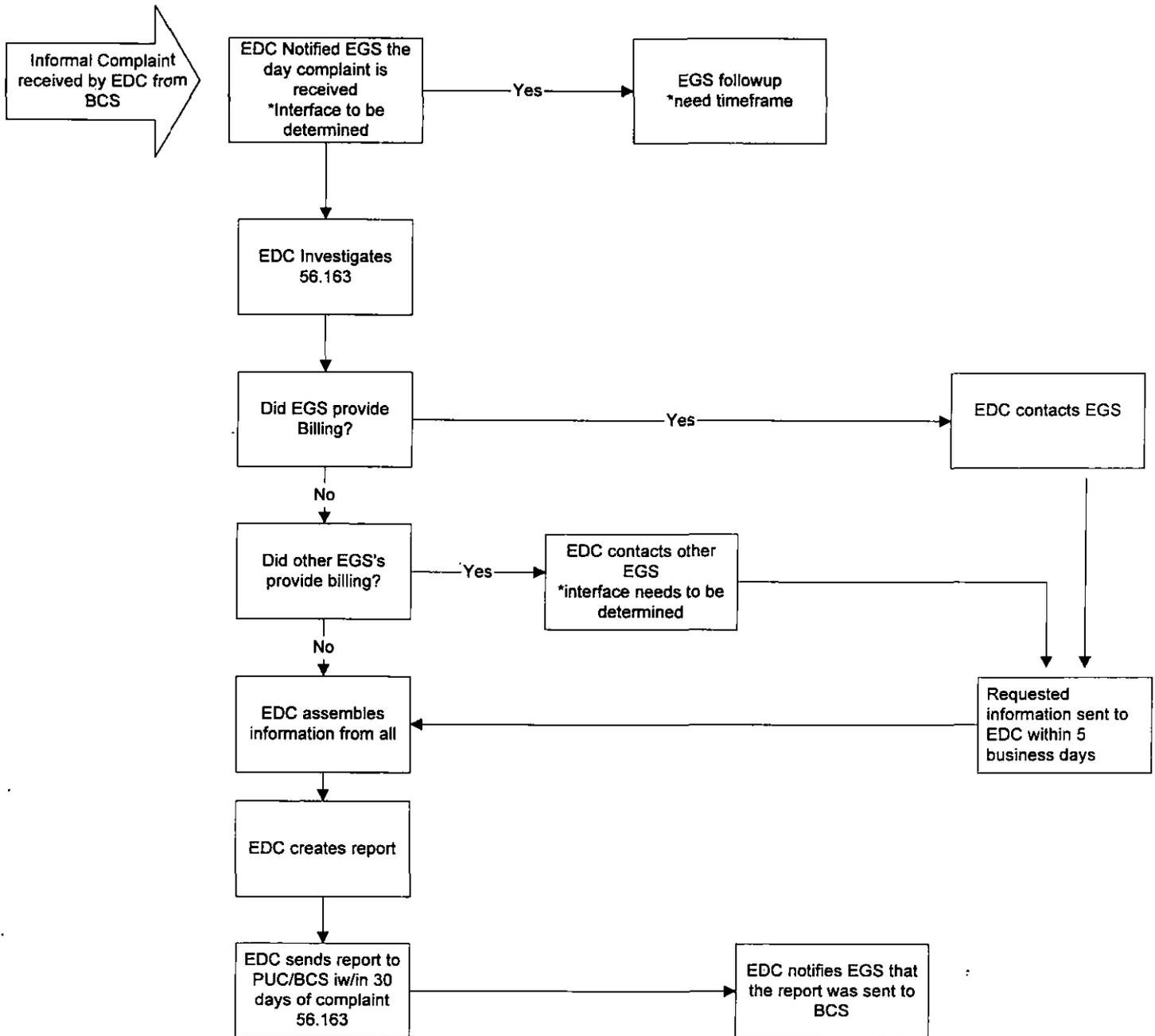
Attachment A

EDC Consolidated Billing Customer Dispute Handling

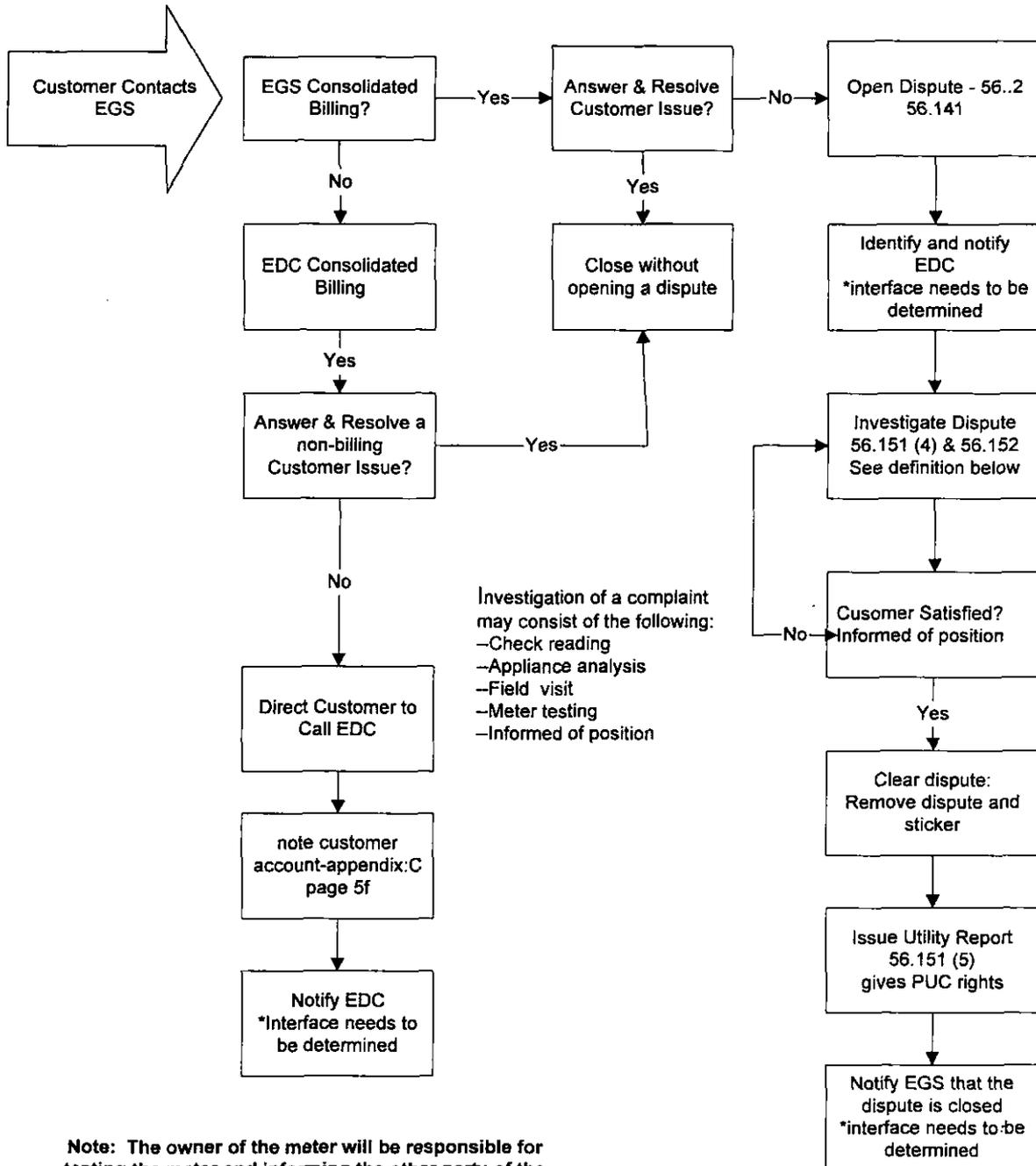


Attachment B

Informal Complaints to EDC



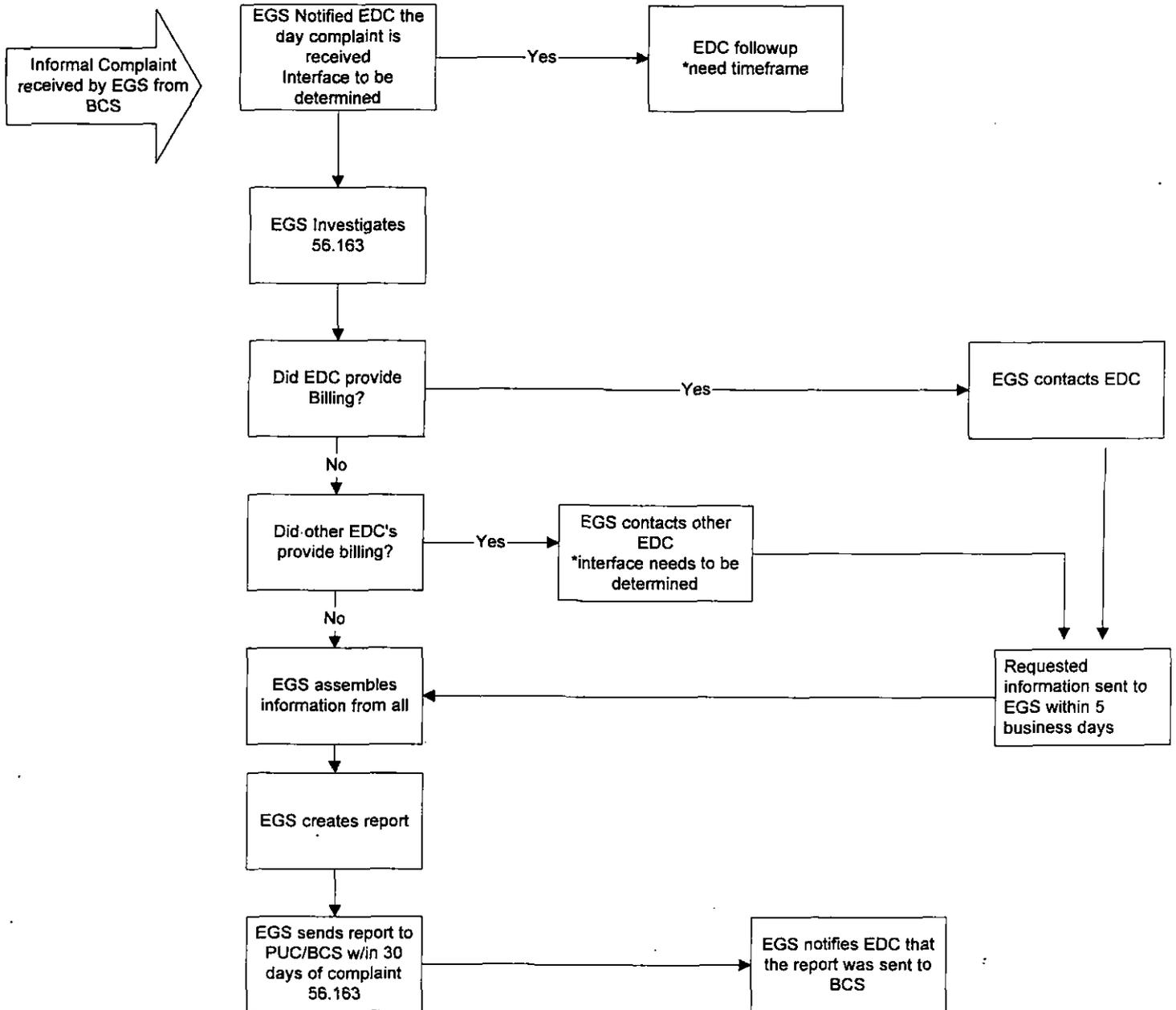
EGS Consolidated Billing Customer Dispute Handling



Note: The owner of the meter will be responsible for testing the meter and informing the other party of the results.

Attachment D

Informal Complaints to EGS



PP&L Inc.

Attachment E - Billing Specifications

Data Transfer on PP&L Energy Business Days		Day 0	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
							"Slip Period"	
I	EDC Consolidated Billing ~ EDC reading	- EDC reads meter	- EDC transmits (A) available reading data to EGS NLT 3PM EST	- EDC transmits (B) reading data including estimates to EGS NLT 3PM EST	- EGS transmits (A) billing data to EDC NLT 3PM EST - EDC bills (A)	- EGS transmits (B) billing data to EDC NLT 3PM EST - EDC bills (B) - EDC mails bills (A)	- EGS transmits 'slip' (S*) billing data to EDC NLT 3PM EST - EDC mails bills (B) - EDC bills (S*) - EDC releases remaining bills**	- EDC mails bills (S*)
II	EDC Consolidated Billing ~ EGS reading	- EGS reads meter	- EGS transmits (A) reading data to EDC NLT 3PM EST	- EGS transmits (B) reading data including estimates to EDC NLT 3PM EST	- EGS transmits (A) billing data to EDC NLT 3PM EST - EDC bills (A)	- EGS transmits (B) billing data to EDC NLT 3PM EST - EDC bills (B) - EDC mails bills (A)	- EGS transmits 'slip' (S*) billing data to EDC NLT 3PM EST - EDC mails bills (B) - EDC bills (S*) - EDC releases remaining bills	- EDC mails bills (S*)
III	EGS Consolidated Billing ~ EDC reading	- EDC reads meter	- EDC transmits (A) available reading data to EGS NLT 3PM EST	- EDC transmits (B) reading data including estimates to EGS NLT 3PM EST	- EDC transmits (A) billing data to EGS NLT 3PM EST - EGS bills (A)	- EDC transmits (B) billing data to EGS NLT 3PM EST - EGS bills (B) - EGS mails bills (A)	- EDC transmits 'slip' (S*) billing data to EGS NLT 3PM EST - EGS mails bills (B) - EGS bills (S*) - EGS releases remaining bills**	- EGS mails bills (S*)
IV	EGS Consolidated Billing ~ EGS reading	- EGS reads meter	- EGS transmits (A) reading data to EDC NLT 3PM EST	- EGS transmits (B) reading data including estimates to EDC NLT 3PM EST	- EDC transmits (A) billing data to EGS NLT 3PM EST - EGS bills (A)	- EDC transmits (B) billing data to EGS NLT 3PM EST - EDC bills (B) - EDC mails bills (A)	- EDC transmits 'slip' (S*) billing data to EGS NLT 3PM EST - EGS mails bills (B) - EGS bills (S*) - EGS releases remaining bills**	- EGS mails bills (S*)
V	Separate Bills ~ EDC reading	- EDC reads meter	- EDC transmits (A) available reading data to EGS NLT 3PM EST	- EDC transmits (B) reading data including estimates to EGS NLT 3PM EST				
VI	Separate Bills ~ EGS reading	- EGS reads meter	- EGC transmits (A) available reading data to EDC NLT 3PM EST	- EGC transmits (B) reading data including estimates to EDC NLT 3PM EST				

* Slip Period allows for an additional day of processing of billing information in 1999.

** On day 5, after 'slip' data is processed, Consolidated Billing Party will release all remaining bills. Bills will carry a message indicating that other party's data was unavailable at the time of billing.

PP&L Energy
 5/29/98

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

RECEIVED

OCT 21 1998

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Application of PP&L, Inc. For Approval :
of Its Restructuring Plan Under Section : Docket No. R-00973954
2806 of the Public Utility Code :

CERTIFICATION OF SERVICE

I hereby certify that I have this day served a true copy of the foregoing documents upon the participant(s), listed below, in accordance with the requirements of §1.54 (relating to service by a participant):

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Dated: October 21, 1998


Paul E. Russell

Pennsylvania Public Utility Commission v. PECO Energy
Company

R-00974009, R-00974008, R-00973953, R-00973954, R-
00973975, R-00973981, R-00974104 and I-00980078.

NOTICE OF PETITION by PECO Energy Company, at
No. 2865 C.D. 1998, Commonwealth Court of
Pennsylvania, from the order of the Commission dated
September 21, 1998 in the above-captioned proceeding.

B-00983763

Filed: October 21, 1998

KJR

DOCKETED
NOV 09 1998

DOCUMENT
FOLDER

Pennsylvania Public Utility Commission v. Metropolitan
Edison Company and Pennsylvania Electric Company

R-00974009, R-00974008, R-00973953, R-00973954, R-
00973975, R-00973981, R-00974104 and I-00980078

KJR

NOTICE OF PETITION by Metropolitan Edison Company
and Pennsylvania Electric Company, at No. 2848 C.D.
1998, Commonwealth Court of Pennsylvania, from the
order of the Commission dated September 21, 1998 in the
above-captioned proceeding.

B-00983761

Filed: October 21, 1998

DOCKETED
NOV 09 1998

DOCUMENT
FOLDER