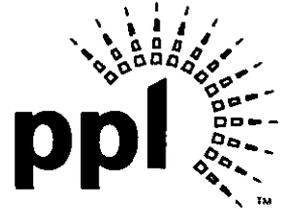


**Paul L. Russell**  
Associate General Counsel  
Tel. 610.774-4254 Fax 610.774.6726  
E-mail: perussell@papl.com

**PP&L, Inc.**  
Two North Ninth Street  
Allentown, PA 18101-1179  
Tel. 610.774.5151  
<http://www.ppl-inc.com/>



**ORIGINAL**

**FEDERAL EXPRESS**

**RECEIVED**

October 2, 1998

OCT 02 1998

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

**KJR**  
PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

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

**DOCUMENT  
FOLDER**

Dear Mr. McNulty:

Enclosed for filing in the above-captioned proceeding are an original and two (2) copies of *Competitive Billing and Metering Specifications* for application in PP&L, Inc.'s ("PP&L") service territory. The enclosed specifications reflect consensus agreement among the Joint Petitioners pursuant to paragraph H.8 of 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 ("Joint Petition").

The Joint Petitioners request that the Commission adopt the enclosed *Competitive Billing and Metering Specifications* as the Commission's standards which must be established by October 16, 1998, pursuant to paragraph H.9 of the Joint Petition.

The Joint Petitioners mutually agree to postpone to a future date the discussion of PP&L's multiple block rate structure in the residential and commercial rates, which is required by paragraph B.8 of the Joint Petition. Further, the Joint Petitioners mutually agree that Roger Clark, Esquire, counsel for the Environmentalists will coordinate nomination by the Joint Petitioners of a Board of Directors to administer the Sustainable Energy Fund, pursuant to paragraph E.5 of the Joint Petition.

James J. McNulty, Esquire

- 2 -

October 2, 1998

As indicated on the attached certificate of service, I have served copies of this letter and the enclosed *Competitive Billing and Metering Specifications* on all of the Joint Petitioners.

Pursuant to 52 Pa. Code § 1.11, the enclosed document is to be deemed filed on October 2, 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.

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 letter or the enclosed *Competitive Billing and Metering Specifications*, please call.

Very truly yours,

A handwritten signature in black ink, appearing to read "Paul E. Russell". The signature is written in a cursive, flowing style.

Paul E. Russell

Enclosures

cc: Certificate of Service

RECEIVED

### PP&L Competitive Metering Specifications

OCT 02 1998

#### Definition and Terms for Advanced Meters and Advanced Meter Services

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

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 of offer Advanced Meters and Advanced Meter Services. Such fitness standards will include, but will not be limited to, the ability

DOCKETED DOCUMENT FOLDER

- 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.
- 0 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.

- 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: \_\_\_\_\_

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 administered 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

### 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.

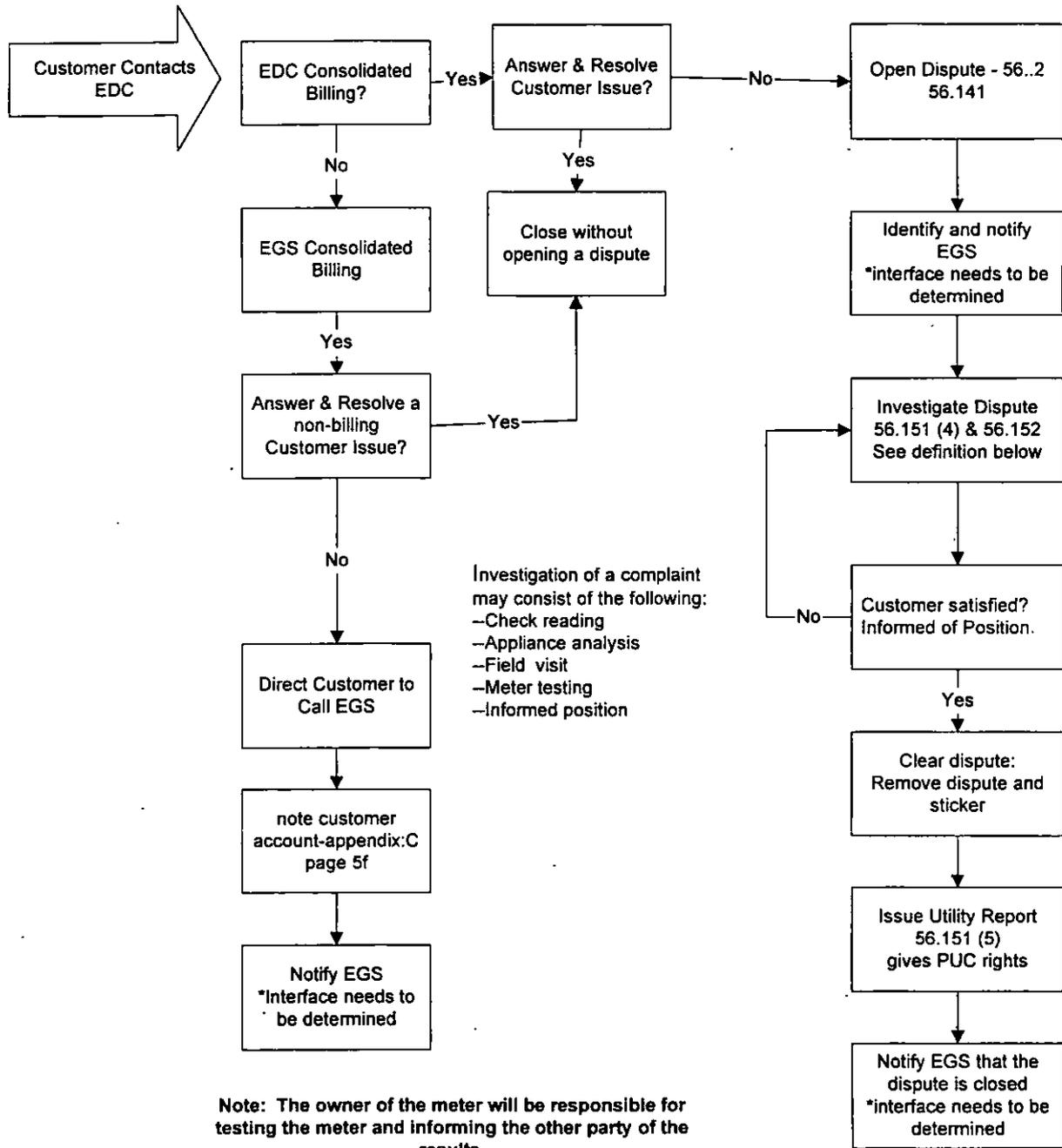
### *Separate EDC/EGS Billing*

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.

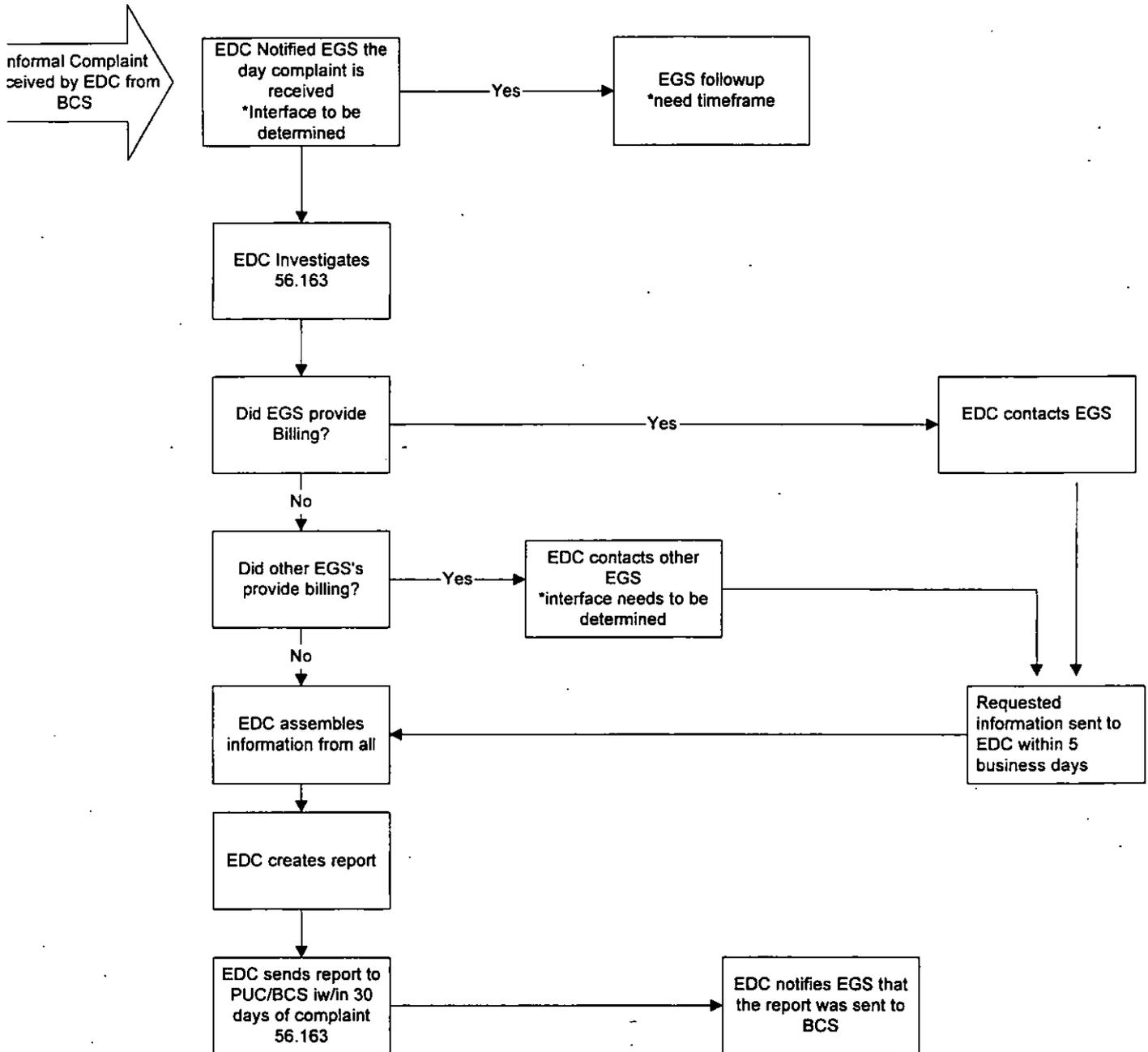
### Service Terms & Conditions

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.

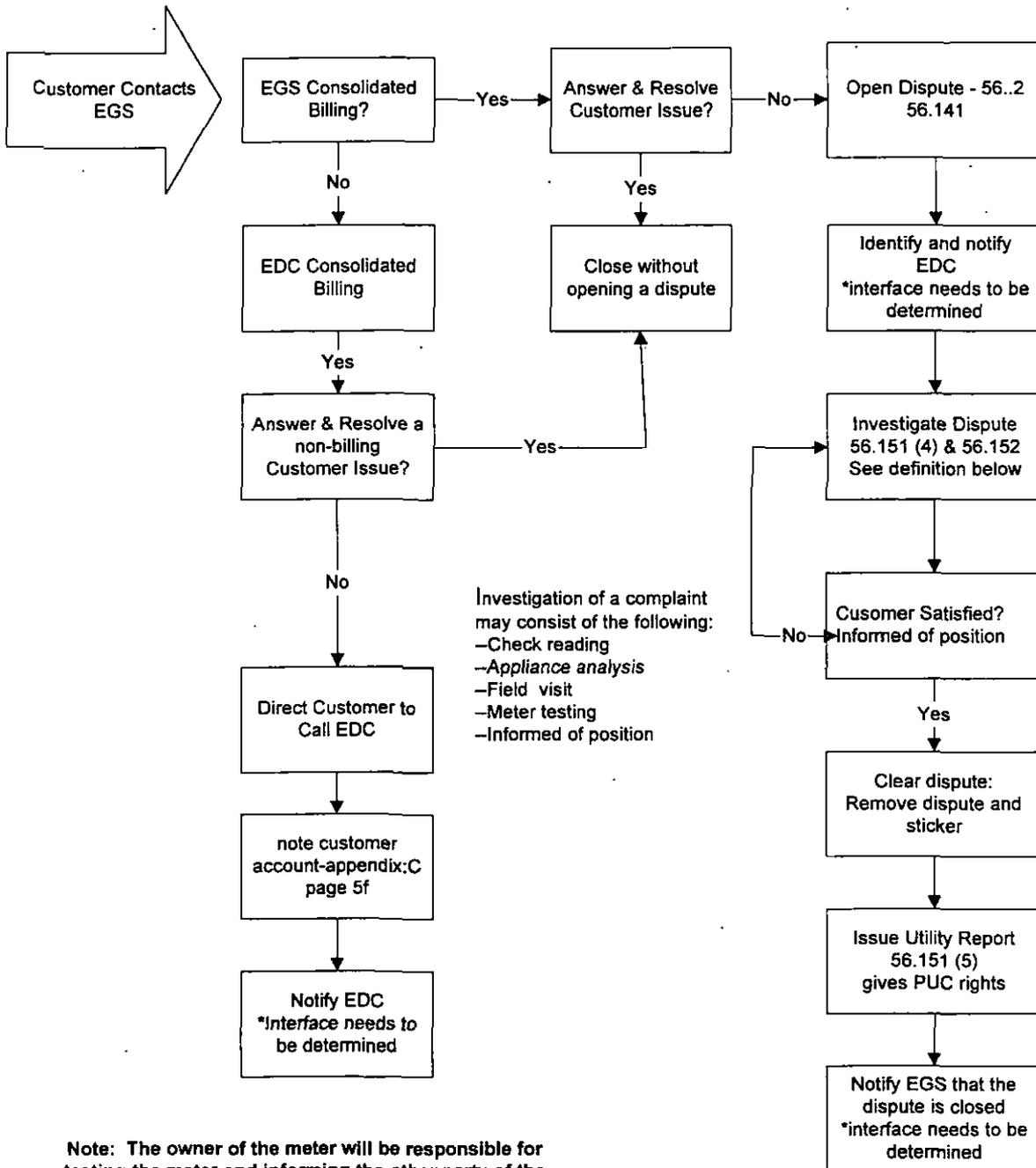
## EDC Consolidated Billing Customer Dispute Handling



## Informal Complaints to EDC

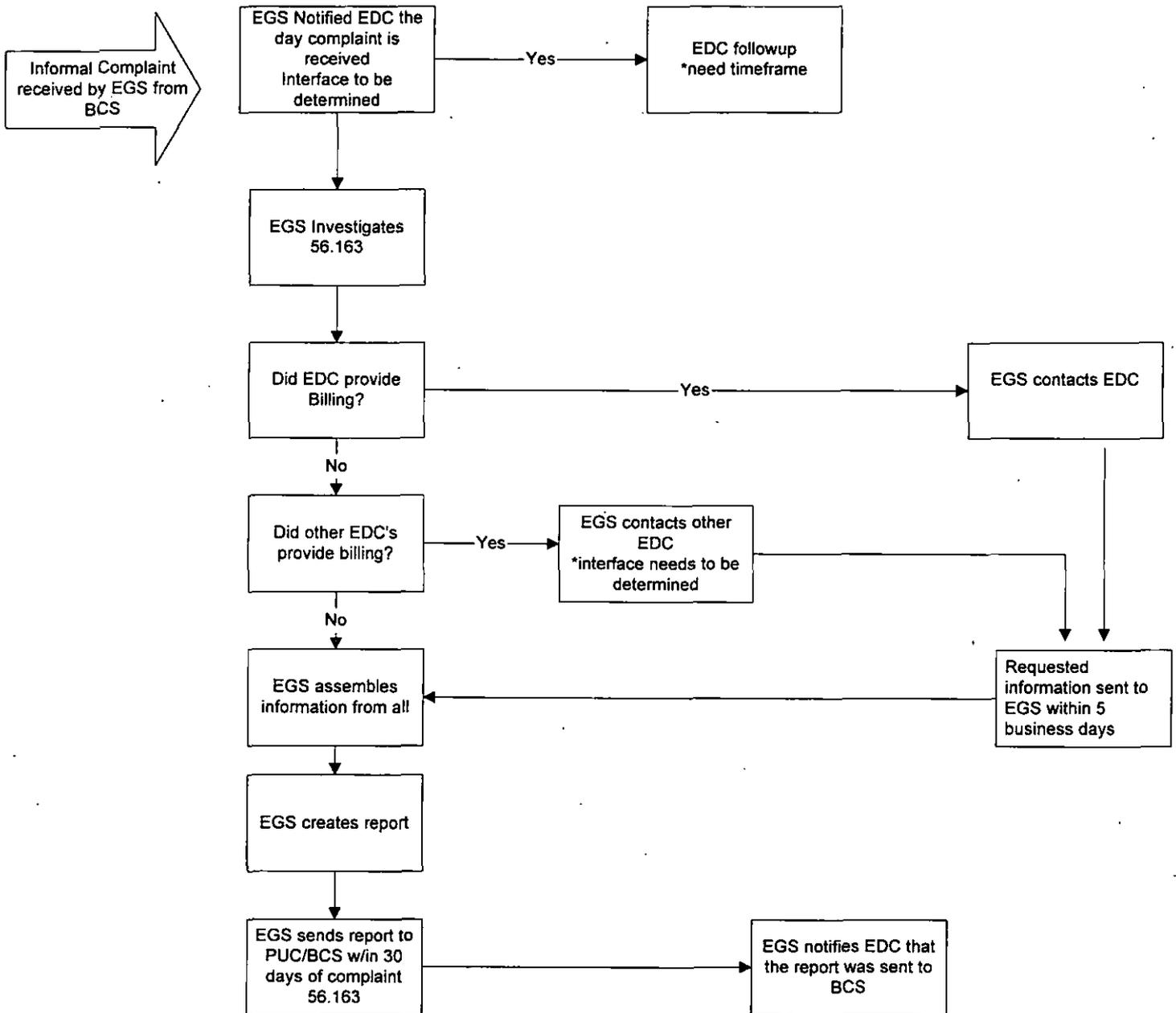


# EGS Consolidated Billing Customer Dispute Handling



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

# Informal Complaints to EGS



Attachment E - Billing Specifications

Data Transfer on PP&L Energy Business Days	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5 "Slip Period"	Day 6
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

DOCUMENT FOLDER

DOCKETED  
OCT 08 1998

**BEFORE THE  
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

---

Application of Pennsylvania Power & :  
Light Company For Approval of Its : Docket No. R-00973954  
Restructuring Plan Under Section 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):

**Via Federal Express**

Bohdan R. Pankiw, Esquire  
Pennsylvania Public Utility Commission  
North Office Building  
North Street & Commonwealth Avenue  
Harrisburg, PA 17105-3265

Ramona Cataldi, Esquire  
Pennsylvania Public Utility Commission  
North Office Building  
North Street & Commonwealth Avenue  
Harrisburg, PA 17105-3265

Scott DeBroff, Esquire  
Johnnie Simms, Esquire  
Office Of Trial Staff  
Pennsylvania Public Utility Commission  
Third Floor, Pitnick Building  
901 North Seventh Street - Rear  
Harrisburg, PA 17105-3265

Kathryn Sophy, Esquire  
Law Bureau  
Pennsylvania Public Utility Commission  
North Office Building  
North Street & Commonwealth Avenue  
Harrisburg, PA 17105-3265

Craig R. Burgraff Esquire  
James A. Mullins, Esquire  
Assistant Consumer Advocate  
Office Of Consumer Advocate  
555 Walnut Street  
5<sup>th</sup> Flr Forum Place  
Harrisburg, PA 17101-1923

Daniel Clearfield, Esquire  
Alan Kohler, Esquire  
Robert J. Longwell, Esquire  
Wolf, Block, Schorr & Solis  
Locust Court Bldg., Suite 300  
212 Locust Street  
Harrisburg, PA 17101  
*for Enron Corporation*

Craig A. Doll, Esquire  
214 State Street  
Harrisburg, PA 17101  
*for Delmarva Power & Light Company*

Todd Stewart, Esquire  
William T. Hawke, Esquire  
Malatesta Hawke & McKeon LLP  
Harrisburg Energy Center  
100 North Tenth Street  
Harrisburg, PA 17101  
*for Mid-Atlantic Power Supply Assoc.*

David Martin  
Gilberton Power Company  
50 Eleanor Avenue  
Frackville, PA 17931

Billie E. Ramsey, Executive Director  
ARIPPA  
1300 Market Street, Suite 7  
Lemoyne, PA 17043

Bernard J. Ryan, Esquire  
Angela Jones, Esquire  
Office Of Small Business Advocate  
Suite 1102, Commerce Building  
300 North Second Street  
Harrisburg, PA 17101

David M. Kleppinger, Esquire  
McNees, Wallace & Nurick  
100 Pine Street  
Harrisburg, PA 17108  
*for PPLICA*

Eric Epstein  
2308 Brandywine Drive  
Harrisburg, PA 17110  
*Pro se*

Terrance J. Fitzpatrick, Esquire  
David M. DeSalle, Esquire  
Ryan, Russell, Ogden & Seltzer, LLP  
800 North Third Street  
Suite 101  
Harrisburg, PA 17102-2025  
*for GPU Energy*

Rick Letarte  
Schuylkill Energy Resources  
Highway 54 East  
Township Route 851  
Shenandoah, PA 17976

Fred Zalzman, Esquire  
78 N. Broadway  
White Plains, NY 10603

John Fitzkee  
Bill Schmitt  
Local Union 1600  
540 Grange Road  
P. O. Box 470  
Trexlerstown, PA 18087

Clinton A. Vince, Esquire  
Paul E. Nordstrom, Esquire  
Deborah A. Swanstrom, Esquire  
Verner Liipfert, Bernhard, McPherson  
& Hand  
901 15th Street, N.W., Suite 700  
Washington, DC 20005  
*for Allegheny Power*

Mr. Jack Munsch  
Allegheny Power  
800 Cabin Hill Drive  
Greensburg, PA 15601

Otto Hofmann  
PREA  
212 Locust Street  
P. O. Box 1266  
Harrisburg, PA 17108

Linda C. Smith, Esquire  
Dilworth, Paxson, Kalish & Kauffman LLP  
305 N. Front Street  
Suite 403  
Harrisburg, PA 17101-1236

Michael T. Vough, Esquire  
Vough & Mecadon  
Greater Pittston Professional Center  
126 South Main Street  
Pittston, PA 18640

Scott J. Rubin, Esquire  
3 Lost Creek Drive  
Selinsgrove, PA 17870-9357  
*for IBEW, Local 1600*

Patricia Armstrong, Esquire  
Regina L. Matz, Esquire  
Thomas; Thomas; Armstrong & Niesen  
Suite 500, 212 Locust Street  
P.O. Box 9500  
Harrisburg, PA 17108-9500

Mary McFall Hopper, Esquire  
Assistant General Counsel  
PECO Energy Company  
2301 Market Street, S23-1  
Philadelphia, PA 19103

Usher Fogel, Esquire  
Roland, Fogel, Koblenz & Carr, LLP  
1 Columbia Place  
Albany, NY 12207  
*for Pennsylvania Petroleum Association*

Gordon Smith, Esquire  
John & Hengerer  
1200 17th Street, N.W., Suite 600  
Washington, DC 20036-3006

Susan M. Shanaman, Esquire  
212 North Third Street  
Suite 203  
Harrisburg, PA 17101-1505

David A. McCormick, Esquire  
Department Of The Army  
Office Of The Judge Advocate General  
901 North Stuart Street  
Arlington, VA 22203-1837

Stephen L. Feld  
Legal Department  
Pennsylvania Power Company  
One East Washington Street  
P.O. Box 891  
New Castle, PA 16103

Gary A. Jeffries, Esquire  
CNG Energy Services Corporation  
One Park Ridge Center  
P.O. Box 15746  
Pittsburgh, PA 15244-0746

Joan O. Brandeis, Esquire  
Schnader, Harrison, Segal & Lewis  
Suite 3600  
1600 Market Street  
Philadelphia, PA 19103-4252

Roger E. Clark, Esquire  
Environmental Energy Project  
905 Denston Drive  
Ambler, PA 19002

Richard L. Caplan, Esquire  
Mary Huwaldt, Esquire  
Caplan & Luber, LLP  
40 Darby Road  
Paoli, PA 19301

Bruce A. Connell  
General Counsel  
600 N. Dairy Ashford, ML-1034  
Houston, TX 77079

Michael A. Stosser, Esquire  
Adelia S. Borrasca, Esquire  
Heller Ehrman White & McAuliffe  
815 Connecticut Avenue, N.W.  
Suite 200  
Washington, DC 20006-4004

Joseph A. Dworetzky  
Hangley Aronchick Segal & Pudlin  
One Logan Square  
Twelfth Floor  
Philadelphia, PA 19103-6933

Jeff Bladen, Esquire  
New Energy Ventures  
1845 Walnut Street  
Suite 2525  
Philadelphia, PA 19103

Dated: October 2, 1998

  
\_\_\_\_\_  
Paul E. Russell

~~B-983721KS~~

IN THE COMMONWEALTH COURT OF PENNSYLVANIA

PP&L INDUSTRIAL CUSTOMER ALLIANCE,  
Petitioner  
v.  
PENNSYLVANIA PUBLIC UTILITY  
COMMISSION,  
Respondent

:  
:  
:  
:  
:  
:  
:  
:  
:  
:  
:  
:

File in:  
R-973954

No. 2032 C.D. 1998

KJR

NOTICE OF DISCONTINUANCE

This is to notify you that the above-captioned matter has been withdrawn discontinued and ended.

DATE: October 6, 1998

TRIAL COURT NO: R-00973954

DOCKETED  
OCT 20 1998

*CR West*

DEPUTY PROTHONOTARY/CHIEF CLERK

DOCKETED  
OCT 14 1998 *sc*

DOCUMENT  
FOLDER

RECEIVED

OCT 07 1998

PA P.U.C. -  
LAW BUREAU

CERTIFIED FROM THE RECORD

OCT 6 1998

*CR West*

Deputy Prothonotary - Chief Clerk

~~3-983738~~ KS

File in: R-973954

IN THE COMMONWEALTH COURT OF PENNSYLVANIA

RECEIVED

OCT 07 1998  
PA P.U.C.  
LAW BUREAU

No. 2168 C.D. 1998

PP&L, INC.,  
Petitioner  
v.  
PENNSYLVANIA PUBLIC UTILITY  
COMMISSION,  
Respondent

:  
:  
:  
:  
:  
:  
:  
:

NOTICE OF DISCONTINUANCE

KJR

This is to notify you that the above-captioned matter has been withdrawn discontinued and ended.

DATE: October 6, 1998

TRIAL COURT NO: R-00973954

*CR Heston*

DEPUTY PROTHONOTARY/CHIEF CLERK

DOCKETED  
OCT 20 1998

DOCUMENT  
FOLDER

DOCKETED  
OCT 14 1998

CERTIFIED FROM THE RECORD

OCT 6 1998

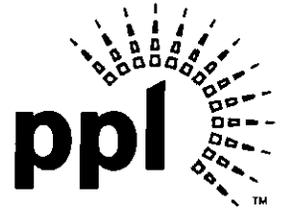
*CR Heston*

Deputy Prothonotary - Chief Clerk



**Paul Russell**  
Associate General Counsel  
Tel. 610.774-4254 Fax 610.774.6726  
E-mail: perussell@papl.com

**PP&L, Inc.**  
Two North Ninth Street  
Allentown, PA 18101-1179  
Tel. 610.774.5151  
<http://www.ppl-inc.com/>



DOCUMENT  
FOLDER

FEDERAL EXPRESS

ORIGINAL

October 7, 1998

KJR

RECEIVED

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

OCT 07 1998

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

DOCKETED  
OCT 09 1998

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

Dear Mr. McNulty:

This letter supplements my letter dated October 2, 1998, to you and the Joint Petitioners in the above-captioned proceeding.

In addition to the open items identified in my October 2, 1998 letter, the following two items also remain open:

- The appropriate mechanism to reflect Commission-mandated customer messages on EGS consolidated bills; and
- The appropriate mechanism to reflect customer "check-off" contributions to PP&L's Operation HELP on EGS consolidated bills.

The parties intend to discuss these issues in the future.

As indicated on the attached certificate of service, I have served copies of this letter on all of the Joint Petitioners in this proceeding.

James J. McNulty, Esquire

- 2 -

October 7, 1998

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

Very truly yours,

A handwritten signature in black ink that reads "Paul E. Russell". The signature is written in a cursive style with a large, prominent initial "P" and "R".

Paul E. Russell

cc: Certificate of Service

BEFORE THE  
PENNSYLVANIA PUBLIC UTILITY COMMISSION

ORIGINAL

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

RECEIVED

CERTIFICATION OF SERVICE

OCT 07 1998

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

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):

Via Federal Express

Bohdan R. Pankiw, Esquire  
Pennsylvania Public Utility Commission  
North Office Building  
North Street & Commonwealth Avenue  
Harrisburg, PA 17105-3265

Ramona Cataldi, Esquire  
Pennsylvania Public Utility Commission  
North Office Building  
North Street & Commonwealth Avenue  
Harrisburg, PA 17105-3265

Scott DeBroff, Esquire  
Johnnie Simms, Esquire  
Office Of Trial Staff  
Pennsylvania Public Utility Commission  
Third Floor, Pitnick Building  
901 North Seventh Street - Rear  
Harrisburg, PA 17105-3265

Kathryn Sophy, Esquire  
Law Bureau  
Pennsylvania Public Utility Commission  
North Office Building  
North Street & Commonwealth Avenue  
Harrisburg, PA 17105-3265

Craig R. Burgraff Esquire  
James A. Mullins, Esquire  
Assistant Consumer Advocate  
Office Of Consumer Advocate  
555 Walnut Street  
5<sup>th</sup> Flr Forum Place  
Harrisburg, PA 17101-1923

Daniel Clearfield, Esquire  
Alan Kohler, Esquire  
Robert J. Longwell, Esquire  
Wolf, Block, Schorr & Solis  
Locust Court Bldg., Suite 300  
212 Locust Street  
Harrisburg, PA 17101  
*for Enron Corporation*

Craig A. Doll, Esquire  
214 State Street  
Harrisburg, PA 17101  
*for Delmarva Power & Light Company*

Todd Stewart, Esquire  
William T. Hawke, Esquire  
Malatesta Hawke & McKeon LLP  
Harrisburg Energy Center  
100 North Tenth Street  
Harrisburg, PA 17101  
*for Mid-Atlantic Power Supply Assoc.*

David Martin  
Gilberton Power Company  
50 Eleanor Avenue  
Frackville, PA 17931

Billie E. Ramsey, Executive Director  
ARIPPA  
1300 Market Street, Suite 7  
Lemoyne, PA 17043

Bernard J. Ryan, Esquire  
Angela Jones, Esquire  
Office Of Small Business Advocate  
Suite 1102, Commerce Building  
300 North Second Street  
Harrisburg, PA 17101

David M. Kleppinger, Esquire  
McNees, Wallace & Nurick  
100 Pine Street  
Harrisburg, PA 17108  
*for PPLICA*

Eric Epstein  
2308 Brandywine Drive  
Harrisburg, PA 17110  
*Pro se*

Terrance J. Fitzpatrick, Esquire  
David M. DeSalle, Esquire  
Ryan, Russell, Ogden & Seltzer, LLP  
800 North Third Street  
Suite 101  
Harrisburg, PA 17102-2025  
*for GPU Energy*

Rick Letarte  
Schuylkill Energy Resources  
Highway 54 East  
Township Route 851  
Shenandoah, PA 17976

Fred Zalzman, Esquire  
78 N. Broadway  
White Plains, NY 10603

John Fitzkee  
Bill Schmitt  
Local Union 1600  
540 Grange Road  
P. O. Box 470  
Trexlerstown, PA 18087

Clinton A. Vince, Esquire  
Paul E. Nordstrom, Esquire  
Deborah A. Swanstrom, Esquire  
Verner Liipfert, Bernhard, McPherson  
& Hand  
901 15th Street, N.W., Suite 700  
Washington, DC 20005  
*for Allegheny Power*

Mr. Jack Munsch  
Allegheny Power  
800 Cabin Hill Drive  
Greensburg, PA 15601

Otto Hofmann  
PREA  
212 Locust Street  
P. O. Box 1266  
Harrisburg, PA 17108

Linda C. Smith, Esquire  
Dilworth, Paxson, Kalish & Kauffman LLP  
305 N. Front Street  
Suite 403  
Harrisburg, PA 17101-1236

Michael T. Vough, Esquire  
Vough & Mecadon  
Greater Pittston Professional Center  
126 South Main Street  
Pittston, PA 18640

Scott J. Rubin, Esquire  
3 Lost Creek Drive  
Selinsgrove, PA 17870-9357  
*for IBEW, Local 1600*

Patricia Armstrong, Esquire  
Regina L. Matz, Esquire  
Thomas, Thomas, Armstrong & Niesen  
Suite 500, 212 Locust Street  
P.O. Box 9500  
Harrisburg, PA 17108-9500

Mary McFall Hopper, Esquire  
Assistant General Counsel  
PECO Energy Company  
2301 Market Street, S23-1  
Philadelphia, PA 19103

Usher Fogel, Esquire  
Roland, Fogel, Koblenz & Carr, LLP  
1 Columbia Place  
Albany, NY 12207  
*for Pennsylvania Petroleum Association*

Gordon Smith, Esquire  
John & Hengerer  
1200 17th Street, N.W., Suite 600  
Washington, DC 20036-3006

Susan M. Shanaman, Esquire  
212 North Third Street  
Suite 203  
Harrisburg, PA 17101-1505

David A. McCormick, Esquire  
Department Of The Army  
Office Of The Judge Advocate General  
901 North Stuart Street  
Arlington, VA 22203-1837

Stephen L. Feld  
Legal Department  
Pennsylvania Power Company  
One East Washington Street  
P.O. Box 891  
New Castle, PA 16103

Gary A. Jeffries, Esquire  
CNG Energy Services Corporation  
One Park Ridge Center  
P.O. Box 15746  
Pittsburgh, PA 15244-0746

Joan O. Brandeis, Esquire  
Schnader, Harrison, Segal & Lewis  
Suite 3600  
1600 Market Street  
Philadelphia, PA 19103-4252

Roger E. Clark, Esquire  
Environmental Energy Project  
905 Denston Drive  
Ambler, PA 19002

Richard L. Caplan, Esquire  
Mary Huwaldt, Esquire  
Caplan & Luber, LLP  
40 Darby Road  
Paoli, PA 19301

Bruce A. Connell  
General Counsel  
600 N. Dairy Ashford, ML-1034  
Houston, TX 77079

Michael A. Stosser, Esquire  
Adelia S. Borrasca, Esquire  
Heller Ehrman White & McAuliffe  
815 Connecticut Avenue, N.W.  
Suite 200  
Washington, DC 20006-4004

Joseph A. Dworetzky  
Hangley Aronchick Segal & Pudlin  
One Logan Square  
Twelfth Floor  
Philadelphia, PA 19103-6933

Jeff Bladen, Esquire  
New Energy Ventures  
1845 Walnut Street  
Suite 2525  
Philadelphia, PA 19103

Dated: October 7, 1998

  
\_\_\_\_\_  
Paul E. Russell

COMMONWEALTH OF PENNSYLVANIA

DATE: October 8, 1998

SUBJECT: R-00973954

TO: Law Bureau

FROM: *WJZ* James J. McNulty, Secretary

KJR

APPLICATION OF PENNSYLVANIA POWER & LIGHT COMPANY  
FOR RESTRUCTURING PLAN

---

On October 6, 1998 a copy of PP&L, Inc.'s Competitive Billing and Metering Specifications was sent to your Bureau and the Bureau of Fixed Utility Services, filed in connection with the above docketed proceeding.

Please be advised this matter is assigned to your Bureau for appropriate action.

Attachment

cc: BFUS - copy of memo

wjz

**DOCKETED**  
OCT 08 1998

DOCUMENT  
FOLDER

IN THE COMMONWEALTH COURT OF PENNSYLVANIA

IRWIN A. POPOWSKY, CONSUMER  
ADVOCATE,  
Petitioner  
v.  
PENNSYLVANIA PUBLIC UTILITY  
COMMISSION,  
Respondent

:  
:  
:  
:  
:  
:  
:  
:  
:  
:

File in: R-973954

No. 2004 C.D. 1998

KJR

NOTICE OF DISCONTINUANCE

This is to notify you that the above-captioned matter has been withdrawn discontinued and ended.

DATE: October 8, 1998

TRIAL COURT NO: R-00973954

*CR [Signature]*

DEPUTY PROTHONOTARY/CHIEF CLERK

CERTIFIED FROM THE RECORD  
AND ORDER EXIT

OCT 8 1998

*CR [Signature]*  
Deputy Prothonotary - Chief Clerk

DOCUMENT  
FOLDER DOCKETED  
OCT 21 1998

RECEIVED

OCT 09 1998

PA P.U.C.  
LAW BUREAU

DOCKETED

OCT 15 1998

IN THE COMMONWEALTH COURT OF PENNSYLVANIA

983711KS  
**RECEIVED**  
OCT 09 1998  
PA P.U.C.  
LAW BUREAU

SCHUYLKILL ENERGY RESOURCE, INC.,  
Petitioner  
v.  
PENNSYLVANIA PUBLIC UTILITY  
COMMISSION,  
Respondent

:  
:  
:  
:  
:  
:  
:  
:  
:  
:

No. 1878 C.D. 1998

File in: R-973954

NOTICE OF DISCONTINUANCE

This is to notify you that the above-captioned matter has been withdrawn discontinued and ended.

DATE: October 8, 1998

TRIAL COURT NO: R00973954

KJK

CERTIFIED FROM THE RECORD  
AND ORDER EXIT

OCT 8 1998

*CR [Signature]*  
Deputy Prothonotary - Chief Clerk

*CR [Signature]*  
DEPUTY PROTHONOTARY/CHIEF CLERK

DOCUMENT  
FOLDER  
DOCKETED  
OCT 15 1998  
DOCKETED  
OCT 21 1998

6-983722 KS

IN THE COMMONWEALTH COURT OF PENNSYLVANIA

RECEIVED

OCT 09 1998  
PA P.U.C.  
LAW BUREAU

MID-ATLANTIC POWER SUPPLY  
ASSOCIATION,  
v.  
PENNSYLVANIA PUBLIC UTILITY  
COMMISSION,  
Respondent

:  
:  
:  
:  
:  
:  
:  
:  
:

No. 2041 C.D. 1998

File in: R-973954

NOTICE OF DISCONTINUANCE

This is to notify you that the above-captioned matter has been withdrawn discontinued and ended.

DATE: October 8, 1998

TRIAL COURT NO: R-00973954

KJR

DOCKETED  
OCT 21 1998

*CR Hester*

DEPUTY PROTHONOTARY/CHIEF CLERK

CERTIFIED FROM THE RECORD  
AND ORDER EXIT

OCT 8 1998

*CR Hester*

Deputy Prothonotary - Chief Clerk

DOCUMENT  
FOLDER

DOCKETED

OCT 15 1998 *SC*