

PENNSYLVANIA PUBLIC UTILITY COMMISSION
Uniform Cover and Calendar Sheet

1. REPORT DATE: February 24, 2000	2. BUREAU AGENDA NO.: MAR-2000-FUS1334*
3. BUREAU: Fixed Utility Services	
4. SECTION(S): Finance/Tariffs	5. PUBLIC MEETING DATE:
6. APPROVED BY: Director: Rosenthal 3-5242 <i>RR</i> Manager: Wilson 3-6162 <i>Blw</i> Legal Review by: Moury 2-8883 <i>Kem</i>	March 2, 2000 DOCUMENT FOLDER
7. PERSONS IN CHARGE: Smith/Glunz/Marino 2-2151 <i>am</i>	DOCKETED
8. DOCKET NO.: M-00960890 F0015	

DOCKETED
MAR 17 2000

9. (a) **CAPTION** (abbreviate if more than 4 lines)
 (b) **Short summary of history & facts, documents & briefs**
 (c) **Recommendation**
- (a) Standards for Electronic Data Transfer and Exchange Between Electric Distribution Companies and Electric Generation Suppliers.
 - (b) To meet requirements relating to Electric Generation Supplier (EGS) Consolidated Billing in the Commonwealth, a process for developing business practices and Electronic Data (EDI) standards was initiated at the direction of the Deputy Executive Director. The Electronic Data Exchange Working Group (EDEWG) formed a subgroup for this purpose, resulting in the preparation of a document "EGS Consolidated Billing Practices." This document sets forth a framework for incorporating the applicable practices and transaction sets into the most recent version of the EDEWG Revised Plan.
 - (c) The Bureau of Fixed Utility Services recommends that the Commission adopt the draft Order seeking comments regarding the reasonableness of the processes set forth in the document "EGS Consolidated Billing Practices."

10. **MOTION BY:** Commissioner Chm. Quain

Commissioner Brownell - Yes
Commissioner Wilson - Yes
Commissioner Fitzpatrick - Yes

SECONDED: Commissioner Bloom

CONTENT OF MOTION: Staff recommendation adopted.

EEF

**PENNSYLVANIA
PUBLIC UTILITY COMMISSION
Harrisburg, PA. 17105-3265**

Public Meeting held March 2, 2000

Commissioners Present:

John M. Quain, Chairman
Robert K. Bloom, Vice Chairman
Nora Mead Brownell
Aaron Wilson, Jr.
Terrance J. Fitzpatrick

Standards for Electronic Data Transfer and
Exchange Between Electric Distribution
Companies and Electric Generation Suppliers

Docket Number:
M-00960890, F.0015

ORDER

BY THE COMMISSION:

In November 1997 this Commission established the Electronic Data Exchange Working Group ("EDEWG") to develop a standard set of data transaction guidelines for the implementation of electric competition on January 1, 1999. Since that time, EDEWG has developed a series of reports outlining specific protocols for use by the Electric Distribution Companies (EDCs) and the Electric Generation Suppliers (EGSs) in the transfer and exchange of electronic data relating to customer information. By Orders adopted on June 18, 1998, August 13, 1998, September 17, 1998, November 4, 1998, February 11, 1999, March 18, 1999, and June 10, 1999, the Commission approved numerous standards submitted by EDEWG governing the electronic exchange of data. As a result, EDEWG prepared a Revised Consensus Plan (Version 2.3 November 18, 1999).

To meet requirements relating to EGS Consolidated Billing in the Commonwealth, a process for developing business practices and Electronic Data Interchange (EDI) standards was initiated at the direction of the Deputy Executive Director of this Commission. On July 19, 1999, an initial plenary meeting was held at PECO Energy headquarters in Philadelphia. All stakeholders of record in Pennsylvania Electric Choice were notified about this meeting and invited to participate. An EGS Consolidated Billing Working Group, comprised of members of the EDEWG, was formed for the purpose of addressing the development of business processes/practices and Electronic Data Interchange (EDI) transactions for an EGS consolidated bill.

This Working Group prepared a document, which is appended to this Order, to provide a process for the handling of EGS consolidated billing in the Commonwealth. Appendix A, "EGS Consolidated Billing Practices," will serve as a template for use by the EDEWG for incorporating the applicable practices and transaction sets into the EDEWG Revised Plan. The EGS Consolidated Billing Working Group is commended for their contributions to the important task of developing business rules and EDI transactions for this purpose.

Before "EGS Consolidated Billing Practices" is approved or implemented, we are seeking comments regarding the reasonableness of the practices set forth therein. We encourage interested parties to submit written comments pertaining to Appendix A as soon as possible, but no later than March 16, 2000; **THEREFORE, IT IS ORDERED:**

1. That this Order along with Appendix A be issued to the public for comment.

2. That a comment period ending on March 16, 2000 is hereby established.

3. That written comments, an original and 15 copies, shall be submitted to the Secretary, Pennsylvania Public Utility Commission, P. O. Box 3265, Harrisburg, PA 17105-3265. No reply comments will be permitted. Comments should specifically reference the above-captioned docket number.

4. That a copy of this Order and any accompanying statements of the Commissioners be served upon all jurisdictional electric distribution companies, all licensed electric generation suppliers, the Office of Consumer Advocate, the Office of Small Business Advocate, and the Office of Trial Staff. Additionally, it shall be posted on the Commission's website and shall be made available to all other interested parties.

5. That a final Order shall be issued following the receipt and evaluation of comments filed in accordance with this Order.

BY THE COMMISSION,



James J. McNulty
Secretary

(SEAL)

ORDER ADOPTED: March 2, 2000

ORDER ENTERED: MAR - 2 2000

Appendix A

EGS Consolidated Billing

PRACTICES

Prepared by:

Working Group

December 2, 1999

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Introduction

The purpose of this document is to provide the basis for developing the business practices and Electronic Data Interchange (EDI) standards necessary for the handling of Electric Generation Supplier (EGS) consolidated billing in the Commonwealth of Pennsylvania. Contained herein is a list of pertinent issues addressed by this group, examples of cancel/rebilling scenarios, and a list of unresolved issues deferred to other forums, including the Pennsylvania Phase-In Committee (PIC), the EGS Consolidated Metering Working Group, and the Public Utility Commission (Commission). This document will serve as a "straw-man" for use by the Commission's Electronic Data Exchange Working Group (EDEWG) for incorporating the applicable practices and transactions sets into the EDEWG Revised Plan.

This process began at the direction of Veronica Smith, Deputy Executive Director of the Commission. On July 19, 1999, an initial plenary meeting was held at PECO Energy headquarters in Philadelphia. All stakeholders of record in Pennsylvania Electric Choice were notified about this meeting and invited to participate. The Deputy Executive Director along with the Commission's EDI consultant George Behr presided over this meeting, and an EGS Consolidated Billing Working Group was formed. Named as the facilitator of this Working Group was Robert Wilson, the Commission's Manager of the Finance and Tariff Division of the Bureau of Fixed Utility Services. Assisting Mr. Wilson in this effort was Commission staff member Annunciata Marino.

The EGS Consolidated Billing Working Group meets regularly via telephone conference calls, typically scheduled biweekly on Friday mornings. Bernadette Foisy of PECO Energy led the coordination of tasks and the development and resolution of the issues relating to EGS consolidated billing, as presented in this document. Bernadette Foisy, Joseph Lindsay, Jr., Kim Wall of the Utility Industry Group, and Diane Goff, co-chair of the EDEWG have taken the responsibility for drafting new EDI transactions and revising existing transactions necessary for implementing the business rules established by this process. Transaction set guidelines are expected to be finalized by the end of 1999. Members of the EDEWG have been continually informed of these efforts through the EDEWG Listserve and invited to participate at each stage of development. All members of the EGS Consolidated Working Group are commended for their contributions to the important task of developing business rules and EDI transactions for this purpose.

2. Working Group Members

Members of the EGS Consolidated Billing Working Group include the following:

Bladen, Jeff	NewEnergy
Briscoe, Judy	Reliant Energy
Brubaker, Wendy	NewEnergy
Bryan, Brenda	PSEG
Buwalda, Lois	PECO
Davis, Barbara	Shell Energy
Erdlen, Marge	PECO
Foisy, Bernadette	PECO
Goff, Diane	GPU
Hatt, Kent	GPU
Hetrick, Nancy	Enron
Johnstonbaugh, Edward	Allegheny Power
Marino, Annunciata	PUC
Mazanek, Jim	Allegheny Power
McCloskey, Tonya	OCA
McCorry, Dave	Mack Services
McCorry, Scott	Mack Services
O'Neill, Sara	NewEnergy
Patel, Roshni	Reliant Energy
Reyes, Roberto	PP&L
Wilson, Bob	PUC

3. Questions

3.1 How is an EGS Consolidated Billing Option initiated?

The EGS must send an 814 Enrollment or an 814 Change to switch to EGS Consolidated Billing. An 814 E or 814 C response will be sent to confirm the switch. "Rolling Switching" rules will apply effective the NEXT period.

- a. Customer's current period started 3/1 and next meter read is 3/31
- b. 3/2 EGS sends 814C to change bill type to EGS Consolidated
- c. 3/3 EDC responds with effective date 3/31
- d. 3/31 EDC sends 867 for bill period 3/1 – 3/31
- e. 5/1 EDC sends 867 for bill period 3/31 – 5/1, it will now be for EGS Consolidated.

If an EGS has not tested for the designated billing option, the EDC will reject the billing option change request. If a customer is 90 days in arrears to the EDC, the EDC will not allow the customer to be enrolled under EDC consolidated billing. If the customer is 90 days in arrears, the EDC will allow the customer to go to EGS consolidated billing.

Last entity initiating a change must notify all other parties currently involved.

Applies to both residential and non-residential

3.2 How are disputes processed?

As the billing agent, the EGS is responsible to resolve billing disputes directly with the customer. The EGS should process all complaints in accordance with the Public Utility Code and the Commission regulations (52 Pa. Code 56.1 et. Seq.)

Notification of a dispute is required to the EDC. The EGS will coordinate with the EDC so that a proper investigation to a customer dispute is conducted and completed within the time period prescribed by 52 Pa. Code 56.151(5). The customer must be informed of the results of the investigation.

The EDC will 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's request. If a Metering Agent requires a visit to a customer location to collect data, the EDC shall have a maximum of 10 days to transmit the information. Under this rule, if the EDC collects the needed information prior to the ninth day, they will be required to provide the information collected to the billing agent within 1 business day of receiving this information rather than by the end of the 10 day window. PP&L is not required to provide the information prior to end of the 10-day window.

EGSs must handle disputes/complaints as provided by each EDC's tariff – this would include reimbursement rules for disputed dollars.

Applies to residential

3.3 How will dispute information be communicated?

Dispute information to be handled outside of EDI. May use either web-site or fax.

Applies to both residential and non-residential

3.4 How are PUC Informal Complaints processed?

The EGS will process all informal complaints in accordance with the Public Utility Code and the Commission regulations. The EGS, as the entity responsible for the consolidated bill, must coordinate with the EDC so that the proper information is submitted to the Commission's Bureau of Consumer Services within the time period required by the Commission. 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.

Applies to residential

3.5 How is termination of service for non-payment handled?

The EGS must 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 the EDC, switches from one EGS to another or when the customer chooses another billing option. The EDC is the only party permitted to terminate a customer's electric service. The EGS may not request termination for non-payment. Their only recourse is to drop the customer and pursue their own collection action.

Applies to both residential and non-residential

3.6 How are Cancel and Re-bills handled?

Bill Ready/Making The Other Party Whole – Each entity will be responsible for billing activity for periods when the entity was the billing agent.

The meter agent triggers the cancel/re-bill.

An 867 Purpose Code 01 will be sent to the billing agent. An 867 Purpose Code 00 (Re-bill) and the 810 will be sent together.

AP, GPU, PECO and PP&L support the cancel and re-bill scenarios listed in Appendix A of this document.

GPU does not support the 867 Purpose Code 01 automatically canceling the non-billing party charges.

Applies to both residential and non-residential

3.7 How will the EGS obtain the data needed to print the bar chart on the bill?

The EGS will send a request for historical usage on an 814 to the metering agent (EDC/AMSP) and the metering agent will respond with an 867HU. The billing agent will then store the data for current and future billing. An EGS will not be required to forward the historical usage to another EGS if the customer switches billing agents. The new billing agent will request the historical usage from the metering agent.

Applies to both residential and non-residential

3.8 Will the next scheduled meter reading be printed on the bill?

Yes, the customer's bill should indicate the date of the next scheduled meter reading for the customer. The billing party must refer to the Utility's meter reading schedule which is on the web-site.

Applies to both residential and non-residential

3.9 Will late payment fees be transferred?

No, any late payment charges will be between the billing party and the customer when "making the other party whole".

Applies to both residential and non-residential

3.10 Will the Metering Agent notify the Billing Agent when usage is not calculated?

Eventually a Metering Agent will notify the billing agent of a "no bill" situation when an 867 will not be generated for a customer. A means to communicate this information must be devised.

This process is not currently in place, however, the EGSs, have indicated they want to be aware of this situation. The notification may need to go to all entities involved.

Applies to both residential and non-residential

3.11 How will changes in billing addresses be processed?

The billing agent must forward to the EDC all billing address (mailing address) changes when the billing address or billing party change becomes effective via an 814 Change transaction.

In the case of DUAL billing, it is the responsibility of the customer to contact both parties.

Applies to both residential and non-residential

3.12 How will Matching Energy Assistance Funds (MEAF) be handled?

The EDC will submit charges on the 810 in a separate SAC segment. The EGS will include the amount in the 820 reimbursement only if the customer pays the amount. If the customer does not pay, the EGS will not make the EDC whole for those charges.

GPU can not reciprocate on this – GPU's current design is to be "made whole" or be "reimbursed for allocated payments".

The EDI transactions currently do not accommodate MEAF charges. Revisions to the transactions are in progress.

Applies to both residential and non-residential

3.13 How will the average temperature be obtained for the bill?

The billing agent will obtain the average temperature from the National Weather Service.

Applies to residential

3.14 How will Security Deposits be handled?

Request, maintenance, and refunding of deposits will be between the customer and the billing agent. Paid deposits will not be passed between EDC and EGS. Each entity, in accordance with Chapter 56, will maintain their own deposits. The EDC will apply or refund a deposit when the billing option changes. If the customer returns to EDC billing, the EDC will require a new deposit if warranted and allowed by Chapter 56 (residential). If the customer contracts with a Billing Agent, GPU will either refund the deposit or apply it to the outstanding customer balance.

Applies to both residential and non-residential

3.15 How will Transition charges be sent to the Billing Agent?

PECO's transition charges include Intangible Transition Charges (ITC) and Competitive Transition Charges (CTC). PECO is required to include a text message indicating the amount of the ITC due to bondholder requirements. PECO will submit charges in a loop similar to the way the Gross Receipt Taxes are sent with an "ignore" code.

Revisions to the appropriate EDI transactions are in progress.

Applies to both residential and non-residential

3.16 How will regulatory related periodic notification be handled?

The billing agent is responsible for sending PUC regulatory notifications. The EDC will trigger this process. The EDC will attempt to have the information available seven days prior to distributing to the billing agent, however, it may take up to 24 days from PUC approval of insert. This process is PUC driven.

These inserts may be handled in three ways:

1. EDC will e-mail the inserts electronically within a PDF file. This file is for view only. Edits cannot be made. This format will be pre-press camera-ready for downloading. The EGS will then be responsible to access the data and produce an appropriate form approved by the PUC and distribute the inserts.
2. The EGS may request hard copies of bill inserts for the number of customers they serve as well as be provided with extra inserts in the event they are needed. A standard shipping address must be provided to the EDC in the event hard copies are mailed to the EGS. The EDC should also be given a minimum of seven business days if and when there is a change of address. This will provide time to circulate the change through the organization and submit to the printing vendor, if necessary. The inserts would be sent to the EGS three to five business days prior to distribution. The EGS must determine the number of inserts that are required for distribution and notify the EDC of this number.
3. The EGS may request that the EDC send the bill insert separately from the EGS consolidated bill for a postage and handling charge. A fee would not be applicable for printing and design costs.

The Insert format must be in accordance with PUC requirements.

The EGS will notify the EDC by which method they want to receive the inserts. The EDC will continue to use that method each time an insert is required unless notified otherwise by the EGS.

Applies to both residential and non-residential

3.17 Will the EGSs, accept 810 reversals / cancels from the EDC?

The bill purpose code of "17" on an 810 allows a non-billing party to cancel charges, and a bill purpose code "18" allows the charges to be re-issued.

GPU will send an 810 bill purpose code "01" instead of a bill purpose code "17" and a bill purpose code "00" instead of a bill purpose code "18".

Applies to both residential and non-residential

3.18 How will budget billing be processed?

PP&L & AP expect that the EDC would calculate the budget amount for EDC charges and send it to the EGS via an 810. A mechanism to send the settlement amount – whether it is a debit or credit – is required.

PP&L – If a customer is on Budget Billing and switches to EGS Consolidated Billing, PP&L will not settle on the deferred balance until the customer's normal settlement month. PP&L will not settle upon the switch to EGS Consolidated Billing.

PECO Energy & GPU will send actual charges, expect the EGS to calculate the budget and reimburse actual charges. An exception would only apply if an EGS were granted a waiver from budget billing.

Scenario 1:

1. Customer is on budget with EDC on Month 1
2. On Month 4, Customer selects EGS #1 as supplier
3. At time of selection, customer has a credit (or Debit) balance with EDC.

EDC refunds credit balance to customer (or customer pays debit balance to EDC). All applicable regulations regarding unbilled utility service would apply to the settle up bill.

56.14 Previously Unbilled Utility Service

When a utility renders a make-up bill for previously unbilled utility service resulting from utility billing error, meter failure, leakage that could not reasonably have been detected or loss of service, or four or more consecutive estimated bills and the **make-up bill exceeds the otherwise normal estimated bill by at least 50%:**

- (1) The utility shall review the bill with the ratepayer and make a reasonable attempt to enter into a payment agreement.
- (2) The period of the payment agreement may, at the option of the ratepayer:
 - (i) Extend at least as long as the period during which the excess amount accrued.
 - (ii) Extend at least as long as necessary so that the quantity of service billed in any one billing period is not greater than the normal estimated quantity for that period plus 50%.

The EGS will initiate the budget.

GPU is going to have to establish a new distribution contract with a different billing method when a customer changes from EDC consolidated or separate billing to EGS Consolidated billing.

Billing agent, whether EDC or EGS, should be contacted by customer to request budget.

Billing agent, whether EDC or EGS, should calculate the budget.

The EDC will send current charges.

Scenario 2:

1. Customer is on budget with EDC on Month 1
2. On month 6, customer selects EGS #2 as supplier
3. At time of selection, customer has a credit or debit balance with EGS #1

EGS #1 refunds credit balance to customer (or customer pays debit balance to EGS#1). All applicable regulations regarding unbilled utility service would apply to the settle up bill (see 56.14 above).

GPU must establish a new distribution contract with a different billing method when a customer changes from EDC consolidated or separate billing to EGS Consolidated billing.

Applies to residential

3.19 What is the number of charge lines on bill?

The billing agent will be responsible to provide a reasonable amount of lines on the bill. Each entity should provide an appropriate amount of line items to reciprocate with other parties involved. However, there are more charges for a distribution company than an EGS. (E.g. Transition, Distribution, Customer Charge).

Applies to both residential and non-residential

3.20 Will all EGSs, provide a bar chart of usage on the consolidated bills?

A bar chart displaying previous usage is required for residential accounts and is optional for non-residential accounts. The EGS may choose to display a bar chart for non-residential customers; that decision is between the billing agent and the customer.

Applies to residential

3.21 How will summary billing be handled?

What if a customer has five accounts for which he would like to receive one bill (a summary bill)?

Summary billing is between the billing agent and the customer. The EDC is not required to move non-interval customers to a different reading date to facilitate summary billing for the EGS.

Applies to both residential and non-residential

3.22 Which agent does the customer contact to request discontinuance of service?

Except in the case of CDS (Competitive Default Service), the EDC is the customer care agent. Thus, any request to discontinue service must be made by the customer to the EDC. The EDC will coordinate the discontinuance among the EGS, Billing Agent, and Metering Agent as required.

Applies to both residential and non-residential

3.23 How will reimbursements be made to the EDC?

The billing agent will reimburse the non-billing entity within 20/25 days after the customer is billed.

PECO/PP&L/GPU – payable by ACH with remittance advice to a designated bank.

AP – Will accept payment via an 820 transaction from EGS bank to AP's bank.

There are various acceptable methods of payments, which include use of 820 transactions for CCD, CCD+, or CTX. Each entity must adhere to their trading partners' tariff.

Applicable to both residential and non-residential

3.24 Will the EGS present both “basic” and “non-basic” charges?

Reference Annex A Title 52, Chapter 54

Chapter 54.2 Definitions

Basic Services – Services necessary for the physical delivery of electricity service, including generation, transmission and distribution. Transition charges, although temporary in scope, are basic service charges.

Non-basic Services – Optional recurring services, which are distinctly, separate and clearly not required for the physical delivery of electric service.

Chapter 54.4 Bill Format for Residential and Small Business Customers

(3) Customer bills shall contain the following charges, if such charges are applicable, and these charges shall appear in a distinct section of the bill

- (i) Generation Charges (Basic)*
- (ii) Transmission Charges (Basic)*
- (iii) Distribution Charges (Basic)*
- (iv) Customer Charge or Basic Charge*
- (v) Advanced Metering Charges (Basic).*
- (vi) Transition Charges (Basic)*
- (vii) Taxes (Basic)*
- (viii) Late Payment Charges (Basic)*
- (ix) Security Deposit (Basic)*
- (x) Reconnection Fee (Basic)*
- (xi) Itemization of Non-basic Charges*
- (xii) Overall Billing Total*

Following are also considered to be basic charges by the respective EDCs:

AP

In addition to charges listed by PECO & GPU:

Facilities Charge

Rental Charges

Maintenance Charge

Advanced Metering Charge

Monthly Surcharge
Special Contract Charges

GPU

Transmission Charges
Distribution Charge
Customer Charges
Advanced Metering Charges
Transition Charges (ITC & CTC)
Taxes
Late Payment Charges
Security Deposit
Reconnection Fee (Connect/Disconnect)
Rate charges
Street Lighting Service
Ornamental Street Lighting Service
Outdoor Lighting
Traffic Signal & Telephone Booth Lighting
Return check charge
Universal service charge
Conditioned Power Service
Backup & Maintenance Service
Curtable Service
Project Good Neighbor Fund
Security Deposit Accrued Interest
Voltage Credit
Energy Assistance Credit
Holiday Lighting/Xmas Lighting
Economic Development
Budget Bill Amounts

PP&L

If the account has a metered service and a lighting service (area light) in the same account, PP&L will send charges for each of the services. Basic charges also include:

Transmission Charges (kWh)
Distribution Charge (kW and kWh)
Energy and Capacity Charges (kW and kWh)
Competitive Transition Charge (CTC)(kW and kWh)
Intangible Transition Charge (ITC)(kW and kWh)
Time of Day Meter Charge
Facility Charges
Return Check Charges
Late Payment Charges
Security Deposit
Connect/Disconnect Charges
Budget Bill Amount
Budget Bill Settlement Installment
Holiday Lighting
PP&L Credits:
Economic Development Initiatives (EDI) Credit
Industrial Development Initiatives (IDI) Credit
Metering Credit (if metering is done by other than EDC)
Meter Reading Credit (if meter is read by other than EDC)
Billing and Collection Credit (if customer is billed by other than EDC)
High Voltage Credit

Security Deposit Accrued Interest
Energy Assistance Credit
Budget Bill Accrued Interest
PP&L Taxes:
State Tax
State Tax Adjustment Surcharges
Gross Receipts Tax (for information only)
PP&L Miscellaneous:
Operation Help Contributions (voluntary participation)

PECO

Advanced Metering Charges
Contract Limit
CTC
Customer Charges
Distribution Charge
E2R2 (this is a credit)
Excess Demand Charge
High Voltage Discount
Ht Curtailment (could be credit or debit)
Intangible Transition Charge
Investment return Guarantee Rider
Matching Energy Assistance Funds
Night Service Charge
Off Peak Rider
Outdoor lighting
Power Factor
Service Location Distribution Charge
State tax adjustment
Street Lights
Taxes
Thermal Storage
Traffic Lights
Transformer Rental Charge
Transition Charges
Transmission Charges

PECO Energy and an EGS may develop for future consideration a fee structure to enable PECO Energy to include non-basic EGS charges on a PECO Energy consolidated bill.

Applies to both residential and non-residential

3.25 How will cancellation of EDC charges be handled?

PECO, PP&L and possibly AP – If the dollars to be cancelled are a result of cancellation of usage, the 867-purpose code 01 will automatically cancel EDC charges associated with usage. GPU will send an 810-purpose code 01. The EDC will use the bill purpose codes "17" and "18" when they are not the metering agent.

Applies to both residential and non-residential

3.26 Who is responsible for providing bill messages?

Which entity is responsible for Chapter 56 related bill messages (e.g. long period bills)? Should the metering agent pass messages? 810's do not provide sufficient space to transfer messages.

Each entity responsible for the need to print the message should send it on the 810 EDI transaction. This would mean that the metering agent would send the appropriate message if required as a result of usage, such as a long billing period. The sender of delayed charges, such as "missed billing window" would send the appropriate message.

Revisions to the EDI transactions are in progress.

Applies to both residential and non-residential

4. Appendix A - Issues Referred Outside of Working Group

4.1 Payment Arrangements – Referred to PIC

The billing agent providing consolidated billing would be responsible for collecting arrearages.

4.2 Will there be a billing window for EDC Charges?

The Metering Agent will populate the document due date (DTM02 and DTM03) on the 867 Usage EDI transaction within three full business days. The metering agent would follow each EDC's metering schedule when calculating the date to avoid inconsistency with the EDC's observed holidays. (Consensus was reached at the Competitive Metering teleconference of December 8, 1999.)

4.3 What is the payment posting priority?

The PUC is to resolve this question.

5. Testing

The ESP Consolidating Billing 810 EDI transaction is to be used to implement EGS Consolidated Billing. Testing of the ESP 810 EDI transaction along with the 820 and 824 is required to be completed prior to implementation of EGS Consolidated Billing. This testing would include scenarios for 810 and 820 in accordance with the 4010 version Level 1 and 2 core testing.

6. Appendix B - Cancel and Rebill Examples

(1) Cancel current bill only, same Billing Option

<u>Bill Period</u>	<u>Bill Option</u>
Month 1	EGS Consolidated

AP, PECO & PP&L:

METERING AGENT sends 867 Purpose Code 01 to EGS for Month 1.

- a) If 820 already sent from EGS, the EGS will send an adjustment to the EDC
- b) If 820 was not sent, EGS will not send an 820 for the original charges. Metering Agent sends 867 Purpose Code 00 (Re-bill) 810 to EGS for Month 1.

GPU:

Meter Agent sends 867 Purpose Code 01 to EGS for Month 1. EDC sends 810 Purpose Code 01 to EGS for Month 1.

- a) If 820 already sent from EGS, the EGS will send an adjustment to the EDC
- b) If 820 was not sent, EGS will not send an 820 for the original charges.
Meter Agent sends 867 Purpose Code 00 (Re-bill) to EGS for Month 1.
EDC sends 810 Purpose Code 00 (Re-bill) to EGS for Month 1

CUSTOMER RECEIVES ONE (1) BILL FROM EGS

(2) Cancel over multiple periods, different EGSs,, same billing option

<u>Bill Period</u>	<u>EGS</u>	<u>Bill Option</u>
Month 1	EGS 1	EGS Consolidated
Month 2	EGS 2	EGS Consolidated

AP, PECO/ PP&L:

METERING AGENT sends 867 Purpose Code 01 to EGS 1 for Month 1.

- a) If 820 already sent from EGS 1, the EGS will send an adjustment to the EDC
- b) If 820 was not sent, EGS 1 will not send an 820 for the original charges

METERING AGENT sends 867 Purpose Code 01 to current EGS (EGS 2) for Month 2.

- a) If 820 already sent from EGS 2, the EGS will send an adjustment to the EDC
- b) If 820 was not sent, EGS 2 will not send an 820 for the original charges

METERING AGENT sends 867 Purpose Code 00 (Re-bill) and an 810 to EGS 1 for Month. EGS 1 will bill EGS 1 and EDC charges for Month 1.

METERING AGENT sends 867 Purpose Code 00 (Re-bill) and an 810 to current EGS (EGS 2) for Month 2.

GPU:

Meter Agent sends 867 Purpose Code 01 to EGS 1 for Month. EDC sends 810 Purpose Code 01 to EGS 1 for Month 1

- a) If 820 already sent from EGS 1, the EGS will send an adjustment to the EDC
- b) If 820 was not sent, EGS 1 will not send an 820 for the original charges

Meter Agent sends 867 Purpose Code 01 to current EGS (EGS 2) for Month 2. EDC sends 810 Purpose Code 01 to current EGS (EGS 2) for Month 2.

- a) If 820 already sent from EGS 2, the EGS will send an adjustment to the EDC
- b) If 820 was not sent, EGS 2 will not send an 820 for the original charges

Meter Agent sends 867 Purpose Code 00 (Re-bill) and EDC sends Purpose Code 00 (Re-Bill) 810 to EGS 1 for Month 1; EGS 1 will bill EGS 1 and EDC charges for Month 1.

Meter Agent sends 867 Purpose Code 00 (Re-bill) and EDC sends Purpose Code 00 (Re-Bill) 810 to current EGS (EGS 2) for Month 2.

CUSTOMER RECEIVES TWO (2) BILLS

- One from EGS 1 for previous EGS 1 & EDC charges
- One from EGS 2 for current EGS 2 and EDC charges.

(3) Cancel over multiple periods, different EGSs,, different Billing Options

<u>Bill Period</u>	<u>EGS</u>	<u>Bill Option</u>
Month 1	EGS 1	EDC Consolidated
Month 2	EGS 2	EGS Consolidated

AP, PECO / PP&L:

METERING AGENT sends 867 Purpose Code 01 to previous EGS (EGS 1) for Month 1.

- a) If 820 already sent from EDC, the EDC will send an adjustment to the EGS 1
- b) If 820 was not sent, EDC will not send an 820 for the original charges
- c)

METERING AGENT sends 867 Purpose Code 01 to current EGS (EGS 2) for Month 2.

- a) If 820 already sent from EGS 2, the EGS will send an adjustment to the EDC
- b) If 820 was not sent, EGS 2 will not send an 820 for the original charges
- c)

METERING AGENT sends 867 Purpose Code 00 (Re-bill) to previous EGS (EGS 1) for Month 1. EGS (EGS 1) will send an 810 for Month 1 within the billing window to the EDC.

METERING AGENT sends an 867 Purpose Code 00 (Re-bill) and an 810 for Month 2 to current EGS (EGS 2).

GPU:

Meter Agent sends 867 Purpose Code 01 to previous EGS (EGS 1) for Month 1. EGS 1 sends 810 Purpose Code 01 to EDC for Month 1 (may occur with the rebill).

- a) If 820 already sent from EDC, the EDC will send an adjustment to the EGS 1
- b.) If 820 was not sent, EDC will not send an 820 for the original charges

Meter Agent sends 867 Purpose Code 01 to current EGS (EGS 2) for Month 2.

EDC sends 810 Purpose Code 01 to EGS 2 for Month 2.

- a) If 820 already sent from EGS 2, the EGS will send an adjustment to the EDC
- b) If 820 was not sent, EGS 2 will not send an 820 for the original charges

Meter Agent sends 867 Purpose Code 00 (Re-bill) to previous EGS (EGS 1) for Month 1. EGS (EGS 1) will send an 810 for Month 1 within the billing window to the EDC.

Meter Agent would send an 867 Purpose Code 00 (Re-bill) and EDC sends Purpose Code 00 (Re-Bill) 810 for Month 2 to current EGS (EGS 2).

CUSTOMER RECEIVES TWO (2) BILLS

- One from EDC for previous EGS 1 and EDC charges
- One from EGS 2 for current EGS 2 and EDC charges.

(4) Over multiple periods, different EGSs,, different Billing Options

<u>Bill Period</u>	<u>EGS</u>	<u>Bill Option</u>
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Month 1	EGS 1	Dual
Month 2	EGS 2	EGS Consolidated

AP, PECO / PP&L:

METERING AGENT sends 867 Purpose Code 01 to EGS 1.

METERING AGENT sends 867 Purpose Code 00 (Re-bill) to previous EGS (EGS 1) for Month 1. EGS 1 and EDC each re-bills their own charges.

METERING AGENT sends 867 Purpose Code 01 to current EGS (EGS 2) for Month 2.

- a) If 820 already sent from EGS 2, the EGS will send an adjustment to the EDC
- b) If 820 was not sent, EGS 2 will not send an 820 for the original charges

METERING AGENT sends 867 Purpose Code 00 (Re-bill) and the EDC sends 810 for Month 2 to EGS 2.

GPU:

Meter Agent sends 867 Purpose Code 01 to EGS 1.

Meter Agent sends 867 Purpose Code 00 (Re-bill) to previous EGS (EGS 1) for Month 1. EGS 1 and EDC each re-bills their own charges.

Meter Agent sends 867 Purpose Code 01 to current EGS (EGS 2) for Month 2.

EDC sends 810 Purpose Code 01 to EGS 2 for Month 2

- a) If 820 already sent from EGS 2, the EGS will send an adjustment to the EDC
- b) If 820 was not sent, EGS 2 will not send an 820 for the original charges

Meter Agent sends 867 Purpose Code 00 (Re-bill) and EDC sends Purpose Code 00 (Re-Bill) 810 for Month 2 to EGS 2.

CUSTOMER RECEIVES THREE (3) BILLS

One from EGS 1 for previous EGS 1 charges

One from EDC for previous EDC charges

One from EGS 2 for current EGS 2 charges and current EDC charges.

(5) Over multiple periods, different EGSs,, different Billing Options

<u>Bill Period</u>	<u>EGS</u>	<u>Bill Option</u>
Month 1	EGS 1	EGS Consolidated
Month 2	EGS 2	EDC Consolidated

AP, PECO / PP&L:

METERING AGENT sends 867 Purpose Code 01 to EGS 1 for Month 1.

- a) If 820 already sent from EGS 1, the EGS will send an adjustment to the EDC
- b) If 820 was not sent, EGS 1 will not send an 820 for the original charges

METERING AGENT sends 867 Purpose Code 00 (Re-bill) and EDC sends 810 to previous EGS (EGS 1) for Month 1. EGS 1 does billing for EGS 1 and EDC charges.

METERING AGENT sends 867 Purpose Code 01 and 867 Purpose Code 00 (Re-bill) to current EGS (EGS 2) for Month 2

- a) If 820 already sent to EGS 2, EDC will send an adjustment to EGS 2
- b) If 820 was not sent, EDC will not send an 820

Current EGS (EGS 2) sends EDC an 810 for current charges for Month 2; EDC bills EGS 2 current charges and EDC current charges (Month 2).

GPU:

Meter Agent sends 867 Purpose Code 01 to EGS 1 for Month 1.
EDC sends 810 Purpose Code 01 to EGS 1 for Month 1.

- a) If 820 already sent from EGS 1, the EGS will send an adjustment to the EDC
- b) If 820 was not sent, EGS 1 will not send an 820 for the original charges

Meter Agent sends 867 Purpose Code 00 (Re-bill) and EDC sends Purpose Code 00 (Re-Bill) 810 to previous EGS (EGS 1) for Month 1. EGS 1 does billing for EGS 1 and EDC charges.

Meter Agent sends 867 Purpose Code 01 and 867 Purpose Code 00 (Re-bill) to current EGS (EGS 2) for Month 2.

- a) If 820 already sent to EGS 2, EDC will send an adjustment to EGS 2
- b) If 820 was not sent, EDC will not send an 820

Current EGS (EGS 2) sends EDC an 810 Purpose Code 01 and 810 Purpose Code 00 (Re-bill) for current charges for Month 2; EDC bills EGS 2 current charges and EDC current charges (Month 2).

CUSTOMER RECEIVES TWO (2) BILLS

One from EGS 1 for previous EGS 1 charges and previous EDC charges
One from the EDC for current EGS 2 charges and EDC charges.

(6) Over multiple periods, different EGSs,, different Billing Options

<u>Bill Period</u>	<u>EGS</u>	<u>Bill Option</u>
Month 1	EGS 1	EGS Consolidated
Month 2	EGS 2	Dual

AP, PECO / PP&L:

METERING AGENT sends 867 Purpose Code 01 to previous EGS (EGS 1) for Month 1.

- a) If 820 already sent by EGS 1, the EGS 1 will send an adjustment to the EDC
- b) If 820 not sent, EGS 1 will not send an 820

METERING AGENT sends 867 Purpose Code 00 (Re-bill) and EDC sends 810 to previous EGS (EGS 1) for Month 1 -- EGS 1 does billing for EGS 1 and EDC charges.

METERING AGENT sends 867 Purpose Code 01 and 867 Purpose Code 00 (Re-bill) to current EGS (EGS 2) for Month 2 -- separate billing.

EDC bills current charges for month 2 and EGS bills current charges for month 2 -- separate billing.

GPU:

Meter Agent sends 867 Purpose Code 01 to previous EGS (EGS 1) for Month 1.
EDC sends 810 Purpose Code 01 to EGS 1 for Month 1.

- a) If 820 already sent by EGS 1, the EGS 1 will send an adjustment to the EDC
- b) If 820 was not sent, EGS 1 will not send an 820

Meter Agent sends 867 Purpose Code 00 (Re-bill) and EDC sends Purpose Code 00 (Re-Bill) 810 to previous EGS (EGS 1) for Month 1. EGS 1 does billing for EGS 1 and EDC charges.

Meter Agent sends 867 Purpose Code 01 and 867 Purpose Code 00 (Re-bill) to current EGS (EGS 2) for Month 2 -- separate billing.

EDC bills current charges for month 2 and EGS bills current charges for month 2 -- separate billing.

CUSTOMER RECEIVES THREE (3) BILLS

One from EGS 1 for previous EGS 1 charges and previous EDC charges

One from EGS 2 for current EGS 2 charges
 One from the EDC for current EDC charges.

(7) Cancel over multiple periods, same EGS, different Billing Options

<u>Bill Period</u>	<u>EGS</u>	<u>Bill Option</u>
Month 1	EGS 1	EDC Consolidated
Month 2	EGS 1	EGS Consolidated

AP, PECO / PP&L:

METERING AGENT sends 867 Purpose Code 01 to EGS 1 for Month 1.

- a) If 820 already sent from EDC, the EDC will send an adjustment to the EGS 1
- b) If 820 was not sent, EDC will not send an 820 for the original charges

METERING AGENT sends 867 Purpose Code 01 to EGS 1 for Month 2.

- a) If 820 already sent from EGS 1, the EGS will send an adjustment to the EDC
- b) If 820 not sent, EGS 1 will not send an 820 for the original charges

METERING AGENT sends 867 Purpose Code 00 (Re-bill) to EGS 1 for Month 1.
 EGS (EGS 1) will send an 810 for Month 1 within the billing window to the EDC.

METERING AGENT sends an 867 Purpose Code 00 (Re-bill) and EDC would send an 810 for Month 2 to EGS 1.

GPU:

Meter Agent sends 867 Purpose Code 01 to EGS 1 for Month 1.

EGS 1 sends 810 Purpose Code 01 to EDC for Month 1 (may occur with the rebill).

- a) If 820 already sent from EDC, the EDC will send an adjustment to the EGS 1
- b) If 820 was not sent, EDC will not send an 820 for the original charges

Meter Agent sends 867 Purpose Code 01 to EGS 1 for Month 2.

EDC sends 810 Purpose Code 01 to EGS 1 for Month 2.

- a) If 820 already sent from EGS 1, the EGS will send an adjustment to the EDC
- b) If 820 was not sent, EGS 1 will not send an 820 for the original charges

Meter Agent sends 867 Purpose Code 00 (Re-bill) to EGS 1 for Month 1.

EGS (EGS 1) will send an 810 for Month 1 within the billing window to the EDC.

Meter Agent would send an 867 Purpose Code 00 (Re-bill) and EDC would send Purpose Code 00 (Re-Bill) 810 for Month 2 to EGS 1.

CUSTOMER RECEIVES TWO (2) BILLS

- One from EDC for previous EGS 1 and EDC charges
- One from EGS 1 for current EGS 1 and EDC charges.

(8) Over multiple periods, same EGS, different Billing Options

<u>Bill Period</u>	<u>EGS</u>	<u>Bill Option</u>
Month 1	EGS 1	Dual
Month 2	EGS 1	EGS Consolidated

PECO / PP&L:

METERING AGENT sends 867 Purpose Code 01 to EGS 1.

METERING AGENT sends 867 Purpose Code 00 (Re-bill) to EGS 1 for Month 1.

EGS 1 and EDC each re-bills their own charges.

METERING AGENT sends 867 Purpose Code 01 to EGS 1 for Month 2.

- a) If 820 already sent from EGS 1, the EGS will send an adjustment to the EDC
- b) If 820 was not sent, EGS 1 will not send an 820 for the original charges

METERING AGENT sends 867 Purpose Code 00 (Re-bill) and EDC sends 810 for Month 2 to EGS 1.

GPU:

Meter Agent sends 867 Purpose Code 01 to EGS 1.

Meter Agent sends 867 Purpose Code 00 (Re-bill) to EGS 1 for Month 1.
EGS 1 and EDC each re-bills their own charges.

Meter Agent sends 867 Purpose Code 01 to EGS 1 for Month 2.

EDC sends 810 Purpose Code 01 to EGS 1 for Month 2.

- a) If 820 already sent from EGS 1, the EGS will send an adjustment to the EDC
- b) If 820 was not sent, EGS 1 will not send an 820 for the original charges

Meter Agent sends 867 Purpose Code 00 (Re-bill) and EDC sends Purpose Code 00 (Re-Bill) 810 for Month 2 to EGS 1.

CUSTOMER RECEIVES TWO (2) OR THREE (3) BILLS

One from EGS 1 for previous EGS 1 charges

One from EDC for previous EDC charges

One from EGS 1 for current EGS 1 charges and current EDC charges.

OR

One from EGS 1 for previous EGS 1 charges and current EGS 1 and EDC charges.

One from EDC for previous EDC charges

(9) Over multiple periods, same EGS, different billing Options

<u>Bill Period</u>	<u>EGS</u>	<u>Bill Option</u>
Month 1	EGS 1	EGS Consolidated
Month 2	EGS 1	EDC Consolidated

PECO / PP&L:

METERING AGENT sends 867 Purpose Code 01 to EGS 1 for Month 1.

- a) If 820 already sent from EGS 1, the EGS will send an adjustment to the EDC
- b) If 820 was not sent, EGS 1 will not send an 820 for the original charges

METERING AGENT sends 867 Purpose Code 00 (Re-bill) and EDC sends 810 to EGS 1 for Month 1.
EGS 1 does billing for EGS 1 and EDC charges.

METERING AGENT sends 867 Purpose Code 01 and 867 Purpose Code 00 (Re-bill) to EGS 1 for Month 2.

- a) If 820 already sent to EGS 1, EDC will send an adjustment to EGS 1
- b) If 820 was not sent, EDC will not send an 820

EGS 1 sends EDC an 810 for current charges for Month 2; EDC bills EGS 1 current charges and EDC current charges (Month 2).

GPU:

Meter Agent sends 867 Purpose Code 01 to EGS 1 for Month 1.

EDC sends 810 Purpose Code 01 to EGS 1 for Month 1.

- a) If 820 already sent from EGS 1, the EGS will send an adjustment to the EDC

b) If 820 was not sent, EGS 1 will not send an 820 for the original charges

Meter Agent sends 867 Purpose Code 00 (Re-bill) and EDC sends Purpose Code 00 (Re-Bill) 810 to EGS 1 for Month 1. EGS 1 does billing for EGS 1 and EDC charges.

Meter Agent sends 867 Purpose Code 01 and 867 Purpose Code 00 (Re-bill) to EGS 1 for Month 2.

EGS 1 sends 810 Purpose code 01 to EDC for Month 2.

a) If 820 already sent to EGS 1, EDC will send an adjustment to EGS 1

b) If 820 was not sent, EDC will not send an 820

EGS 1 sends EDC an 810 for current charges for Month 2; EDC bills EGS 1 current charges and EDC current charges (Month 2).

CUSTOMER RECEIVES TWO (2) BILLS

One from EGS 1 for previous EGS 1 charges and previous EDC charges

One from the EDC for current EGS 1 charges and EDC charges.

(10) Over multiple periods, same EGS, different Billing Options

<u>Bill Period</u>	<u>EGS</u>	<u>Bill Option</u>
Month 1	EGS 1	EGS Consolidated
Month 2	EGS 1	Dual

PECO / PP&L:

METERING AGENT sends 867 Purpose Code 01 to EGS 1 for Month 1.

a) If 820 already sent by EGS 1, the EGS 1 will send an adjustment to the EDC

b) If 820 was not sent, EGS 1 will not send an 820

c)

METERING AGENT sends 867 Purpose Code 00 (Re-bill) and 810 to EGS 1 for Month 1 -- EGS 1 does billing for EGS 1 and EDC charges.

METERING AGENT sends 867 Purpose Code 01 and 867 Purpose Code 00 (Re-bill) to EGS 1 for Month 2 -- separate billing.

EDC bills current charges for month 2 and EGS bills current charges for month 2 -- separate billing.

GPU:

Meter Agent sends 867 Purpose Code 01 to EGS 1 for Month 1.

EDC sends 810 Purpose Code 01 to EGS 1 for Month 1.

a) If 820 already sent by EGS 1, the EGS 1 will send an adjustment to the EDC

b) If 820 was not sent, EGS 1 will not send an 820

Meter Agent sends 867 Purpose Code 00 (Re-bill) and EDC sends Purpose Code 00 (Re-Bill) 810 to EGS 1 for Month 1 -- EGS 1 does billing for EGS 1 and EDC charges.

Meter Agent sends 867 Purpose Code 01 and 867 Purpose Code 00 (Re-bill) to EGS 1 for Month 2 -- separate billing.

EDC bills current charges for month 2 and EGS bills current charges for month 2 -- separate billing.

CUSTOMER RECEIVES TWO (2) OR THREE (3) BILLS

One from EGS 1 for previous EGS 1 charges and previous EDC charges

One from EGS 1 for current EGS 1 charges

One from the EDC for current EDC charges

OR

One from EGS 1 for current and previous EGS 1 charges and previous EDC charges

One from the EDC for current EDC charges

7. Appendix C –Testing

Testing of the ESP 810 EDI transaction along with the 820 and 824 is required to be completed prior to implementation of EGS Consolidated Billing. This testing would include scenarios for 810 and 820 in accordance with the 4010 version Level 1 and 2 core testing.