

# Supplier Consolidated Billing in Pennsylvania

*Delivering Value to Customers*

**Presented to:**  
**Pennsylvania Public Utility Commission**  
**En banc hearing on Supplier Consolidated Billing**  
**June 14, 2018**



# Advanced Energy Management Alliance

*Empowering consumers through distributed energy resources, including demand response and advanced energy management*

We are providers and consumers united to overcome barriers to nationwide use of distributed energy resources. We advocate for and educate on policies that empower and compensate consumers to have cost-effective, efficient, resilient, reliable, and environmentally-sustainable choices.



## AEMA Members\*

- AF&PA
- ALCOA
- CPower
- Direct Energy
- Eckert Seamans
- ecobee
- ELCON
- EnergyHub
- EnerNOC
- GreeneHurlockeer
- IPKeys
- Ictec
- Itron
- Jennings Strouss
- Nest
- NRG
- Tesla
- Viridity Energy
- Walmart
- Whisker Labs



\*This presentation represents the collective consensus of AEMA as an organization, although it does not necessarily represent the individual positions of the full diversity of AEMA member companies.

# AEMA Services Provided

- Capacity – DR
- Energy – DR
- Peak load management
- Frequency regulation
- Spinning reserve
- Renewable integration
- Backup generation
- Metering
- Circuit level energy monitoring
- Data management and analysis
- Bill analyses
- Infrastructure/home warranty insurance
- Learning thermostats
- Energy storage
- Solar generation
- Weather forecasting
- Energy efficiency
- Cyber secure on-site communications
- Home security – alarms
- Home security – video
- Home security – fire and smoke detection



# Billing Components of Services Offered

- Capital investments
- Financing charges
- Lease arrangements
- kWh fees
- Incremental energy purchases and sales -- wholesale
- Incremental capacity purchases and sales – wholesale
- Retail EE or DR program payments/refunds
- Insurance premiums
- Rebates
- Performance payments
- Other



# The Utility Bill Can't Accommodate These Services

- Page 2 of my residential electric bill
- Two short lines of text and one electric supply charge
  - Limited space can't accommodate services that regulators want and are expecting from the competitive retail supply market
  - Supplier bills can be modified to accommodate all services offered.
  - Supplier bills will progress over time to capture evolving services.

The Supplier portion of the Utility Invoice

Account Number: 26502-██████████

Meter Information

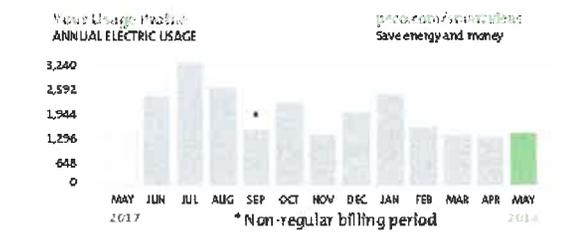
Read Dates	Meter Number	Load Type	Reading Type	Meter Reading Previous	Meter Reading Present	Difference	Multiple X	Total Usage
04/18-05/17	124886906	General Service	Tot kWh	2313 Actual	2349 Actual	36	40	1,440

Total kWh Used: 1,440

Electric Residential Service

Service Period 04/18/2018 to 05/17/2018 - 29 days

PECO ELECTRIC SERVICE	\$198.92
Customer Charge	8.45
Distribution Charges	1,440 kWh X 0.06359 = 91.57
Distribution System Improvement Charge	0.53
ELECTRIC SUPPLY	\$94.35
Energy Charges	██████████
GENERATION AND TRANSMISSION CHARGES	58.38
TAXES & FEES	\$16.01
State Tax Adjustment	0.01
<b>Total Current Charges</b>	<b>\$198.92</b>



Message Center

From PECO:  
New charges contain estimated total state taxes of \$7.48, including \$11.73 for State Gross Receipts Tax.  
Your estimated electric price to compare is \$0.0710 per kWh. This may change in March, June, September and December. For more information and supplier offers visit [PAPowerSwitch.com](http://PAPowerSwitch.com) and [oca.state.pa.us](http://oca.state.pa.us).

From ██████████ Energy:  
THANK YOU FOR CHOOSING ██████████ ENERGY AS YOUR ELECTRIC SUPPLIER.

Shopping Information Box

When shopping for a competitive electric/natural gas supplier, please provide the following:  
Account Number: 26502-██████████  
Electric Rate: Electric Residential Service

If you are purchasing the energy you use from a competitive supplier, it is important to understand the terms of your contract and expiration date.



04-11-2018 10:00:00 AM EST 0001-01-06-2018

# Desired Products

- AEMA members offer many products and services that help consumers manage their energy usage.
- Supplier Consolidated Billing will enable advanced energy products and services, including innovative solutions tailored to meet customers' individual needs.



# Questions?



advanced  
energy  
management  
alliance

**Frank Lacey**  
**Chairman, AEMA**  
[frank@eacpower.com](mailto:frank@eacpower.com)  
[www.aem-alliance.org](http://www.aem-alliance.org)  
**610-793-2809**