



City of Pittsburgh

Energy Purchasing Initiatives



September 11, 2013

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Western Pennsylvania Energy Consortium

Details

- A region-wide energy cost and consumption reduction program founded in 2007.
- Historic County & City Joint Electricity Purchasing Initiative
- Contracted Volume: 136,000,000 kWh
- Participating Entities: City of Pittsburgh, County of Allegheny, Pittsburgh Water and Sewer Authority, Pittsburgh Zoo and PPG Aquarium, Urban Redevelopment Authority, Carlow University and the Sports and Exhibition Authority
- 25% Green Energy



Western Pennsylvania Energy Consortium

Entity	Estimated Annual Usage 12 months	Old Price Per KWH	New Price Per KWH	Savings
PWSA	53,999,480	0.0645	0.0528	\$631,793.92
Allegheny County	39,641,650	0.0645	0.0528	\$463,807.31
SEA	14,108,800	0.0645	0.0528	\$165,072.96
Pittsburgh Zoo	9,926,400	0.0645	0.0528	\$116,138.88
Carlow University	4,712,800	0.069	0.0528	\$76,347.36
URA	5,635,050	0.0645	0.0528	\$65,930.09
City of Pittsburgh	8,831,120	0.0645	0.0528	\$103,324.10
Aggregate Totals	136,855,300			\$1,622,414.61

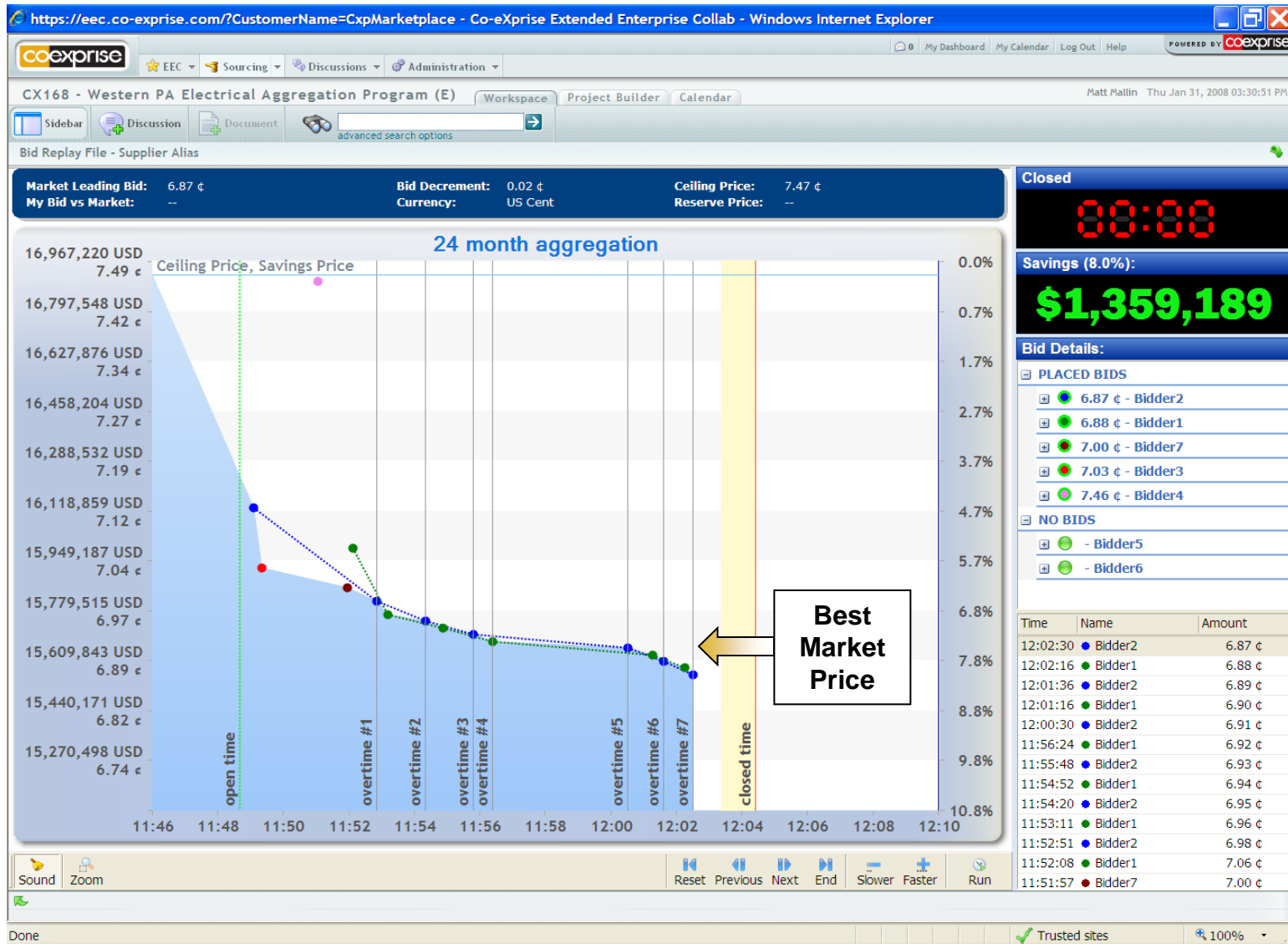


GM Account Auction

- 15 Municipalities and 8 Authorities & Non-Profits
- Total Annual KWH = 33,707,423
- Old Price Per KWH = \$0.07
- New Price Per KWH = \$0.0552
- Estimated savings of \$367,640.62 per year



Online Bidding Results



Green Power Purchase

- 25% Green Power Purchase
- Total Annual GL 136,855,300 kWh = 34,213,825 kWh
- Total Annual GM 33,707,423 kWh = 8,426,856 kWh
- Total green power purchase = 42,640,681 kWh





Certificate of Partnership

presented to

Western Pennsylvania Energy Consortium

By the U.S. Environmental Protection Agency's Green Power Partnership
in recognition of efforts to reduce the risk of climate change
through green power purchasing.

Kathleen Hogan, Director
Climate Protection Partnerships Division, EPA

EPA Green Power Leadership Award

- In June 2009 the Western Pennsylvania Energy Consortium (WPEC) became a U.S. Environmental Protection Agency (EPA) Green Power Partner for our help to reduce the risks associated with climate change by supporting renewable energy technologies through our energy purchase.
- In September 2009 the WPEC was recognized by the EPA by receiving a Green Power Leadership Award at the 2009 Renewable Energy Markets Conference in Atlanta, GA



Office of Sustainability & Energy Efficiency

- Implement *Pittsburgh Climate Action Plan*.
Example: Energy Efficient Streetlight Program
- Coordinate with existing sustainability programs.
Examples: bike/pedestrian initiatives, tree planting, recycling
- Provide outreach to City employees.
Examples: lunchtime lecture series, new employee orientation, solar energy trainings.

Office of Sustainability & Energy Efficiency

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