
**STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION**

COMMONWEALTH EDISON COMPANY :
 :
Petition to implement a competitive : **Docket No. 05-0159**
procurement process by establishing Rider CPP, :
Rider PPO-MVM, Rider TS-CPP and revising :
Rider PPO-MI :

Direct Panel Testimony of

**T.J. Brookover
The John Buck Company**

and

**Kristav M. Childress
GEV Corp.**

on behalf of

the Building Owners and Managers Association of Chicago

Cost Comparison for Randomly Selected Electric Space Heating Customers under Current ComEd Bundled Rates For Electricity Supply and Delivery Versus an Estimated Unbundled Bill in 2007 With Projected Retail Energy Charges at an Auction Price of \$45 per mWh (4.5 cents per kWh) in the Proposed ComEd Auctions And Assuming an Increase of 17.78% from ComEd's Current Delivery Service Charges

Electric Space Heating (Rider 25) Accounts

Customer #	Peak Monthly Demand (kW)	ComEd Bundled Rate	ComEd Proposed Rider CPP Customer Class	Annual Base-Rate Revenue (A)	Annual Estimated Unbundled Bill (B)	Cost Difference (B) - (A)	% Difference
1	691	6T5	LL	\$ 140,725	\$ 170,984	\$ 30,259	21.5%
2	1,162	6L5	VLL	\$ 227,524	\$ 267,488	\$ 39,964	17.6%
3	2,542	6L5	VLL	\$ 535,383	\$ 605,446	\$ 70,063	13.1%
4	596	6T5	LL	\$ 116,584	\$ 135,909	\$ 19,325	16.6%
5	937	6T5	LL	\$ 210,253	\$ 242,666	\$ 32,413	15.4%
6	811	6T5	LL	\$ 154,892	\$ 188,086	\$ 33,195	21.4%
7	790	6T5	LL	\$ 93,592	\$ 113,454	\$ 19,862	21.2%
8	2,324	6L5	VLL	\$ 148,031	\$ 204,799	\$ 56,768	38.3%
9	374	6O5	ML	\$ 84,494	\$ 87,082	\$ 2,588	3.1%
10	139	6O5	ML	\$ 34,245	\$ 37,053	\$ 2,808	8.2%
Totals				\$ 1,745,723	\$ 2,052,969	\$ 307,245	17.6%

Estimated 2007 Energy Charges at an Auction Price of \$45 per mWh

Proposed ComEd Rider CPP Class	Peak Demand Range	Summer Peak Charge (cents/kWh)	Summer Off-Peak Charge (cents/kWh)	Summer Non-TOU Charge (cents/kWh)	Nonsummer Peak Charge (cents/kWh)	Nonsummer Off-Peak Charge (cents/kWh)	Nonsummer Non-TOU Charge (cents/kWh)
Medium Load Customer ("ML")	100-400 kW			5.257			4.976
Large Load Customer ("LL")	400-1,000 kW	6.836	3.299	5.370	6.332	3.518	5.121
Very Large Load Customer ("VLL")	1,000-3,000-kW	6.343	2.843	4.986	5.836	3.058	4.685

Estimated 2007 ComEd Delivery Charges

(Current ComEd Delivery Service Charges + 17.78%)

Proposed ComEd Rider CPP Class	Peak Demand Range	Monthly Charge (Customer + Metering)	Demand Charge \$/kW
Medium Load Customer ("ML")	100-400 kW	\$65.60	\$5.05
Large Load Customer ("LL")	400-1,000 kW	\$86.51	\$5.26
Very Large Load Customer ("VLL")	1,000-3,000-kW	\$336.71	\$5.24

The 2007 summer, non-summer, peak and off-peak and non time-of-use charges for the applicable classes were estimated using a spreadsheet, provided by ComEd, that was used to translate auction prices into retail customer charges in ComEd's Exhibit 7.7 (ComEd Response to The Coalition Of Energy Suppliers ("CES") Data Request No. 1.28, Attachment 1); assuming auction prices of \$45 per mWh (4.5 cents per kWh). The table above lists those estimated energy charges. The delivery charges used are 17.78% higher than the currently applicable charges. The Transmission Service Charge used is the current effective rate of 0.331 cents/kWh. The Monthly Charge is a sum of the Monthly Customer Charge and the Monthly Metering Charge. Customer Transition Charges were not used in the comparison. No other charges (i.e., Supply Administration Charges, taxes, franchise fees, decommissioning expenses, etc.) were included.

Cost Comparison for Randomly Selected Electric Space Heating Customers under Current ComEd Bundled Rates For Electricity Supply and Delivery Versus an Estimated Unbundled Bill in 2007 With Projected Retail Energy Charges at an Auction Price of \$50 per mWh (5.0 cents per kWh) in the Proposed ComEd Auctions And Assuming an Increase of 17.78% from ComEd's Current Delivery Service Charges

Electric Space Heating (Rider 25) Accounts

Customer #	Peak Monthly Demand (kW)	ComEd Bundled Rate	ComEd Proposed Rider CPP Customer Class	Annual Base-Rate Revenue (A)	Annual Estimated Unbundled Bill (B)	Cost Difference (B) - (A)	% Difference
1	691	6T5	LL	\$ 140,725	\$ 185,365	\$ 44,639	31.7%
2	1,162	6L5	VLL	\$ 227,524	\$ 289,363	\$ 61,839	27.2%
3	2,542	6L5	VLL	\$ 535,383	\$ 655,638	\$ 120,255	22.5%
4	596	6T5	LL	\$ 116,584	\$ 147,312	\$ 30,728	26.4%
5	937	6T5	LL	\$ 210,253	\$ 263,288	\$ 53,035	25.2%
6	811	6T5	LL	\$ 154,892	\$ 203,341	\$ 48,449	31.3%
7	790	6T5	LL	\$ 93,592	\$ 121,774	\$ 28,182	30.1%
8	2,324	6L5	VLL	\$ 148,031	\$ 220,647	\$ 72,616	49.1%
9	374	6O5	ML	\$ 84,494	\$ 94,391	\$ 9,896	11.7%
10	139	6O5	ML	\$ 34,245	\$ 40,091	\$ 5,846	17.1%
Totals				\$ 1,745,723	\$ 2,221,210	\$ 475,486	27.2%

Estimated 2007 Energy Charges at an Auction Price of \$50 per mWh

Proposed ComEd Rider CPP Class	Peak Demand Range	Summer Peak Charge (cents/kWh)	Summer Off-Peak Charge (cents/kWh)	Summer Non-TOU Charge (cents/kWh)	Nonsummer Peak Charge (cents/kWh)	Nonsummer Off-Peak Charge (cents/kWh)	Nonsummer Non-TOU Charge (cents/kWh)
Medium Load Customer ("ML")	100-400 kW			5.841			5.529
Large Load Customer ("LL")	400-1,000 kW	7.596	3.666	5.967	7.036	3.909	5.690
Very Large Load Customer ("VLL")	1,000-3,000-kW	7.048	3.159	5.540	6.484	3.398	5.206

Estimated 2007 ComEd Delivery Charges

(Current ComEd Delivery Service Charges + 17.78%)

Proposed ComEd Rider CPP Class	Peak Demand Range	Monthly Charge (Customer + Metering)	Demand Charge \$/kW
Medium Load Customer ("ML")	100-400 kW	\$65.60	\$5.05
Large Load Customer ("LL")	400-1,000 kW	\$86.51	\$5.26
Very Large Load Customer ("VLL")	1,000-3,000-kW	\$336.71	\$5.24

The 2007 summer, non-summer, peak and off-peak and non time-of-use charges for the applicable classes were estimated using a spreadsheet, provided by ComEd, that was used to translate auction prices into retail customer charges in ComEd's Exhibit 7.7 (ComEd Response to The Coalition Of Energy Suppliers ("CES") Data Request No. 1.28, Attachment 1); assuming auction prices of \$50 per mWh (5.0 cents per kWh). The table above lists those estimated energy charges. The delivery charges used are 17.78% higher than the currently applicable charges. The Transmission Service Charge used is the current effective rate of 0.331 cents/kWh. The Monthly Charge is a sum of the Monthly Customer Charge and the Monthly Metering Charge. Customer Transition Charges were not used in the comparison. No other charges (i.e., Supply Administration Charges, taxes, franchise fees, decommissioning expenses, etc.) were included.

Cost Comparison for Randomly Selected Electric Space Heating Customers under Current ComEd Bundled Rates For Electricity Supply and Delivery Versus an Estimated Unbundled Bill in 2007 With Projected Retail Energy Charges at an Auction Price of \$55 per mWh (5.5 cents per kWh) in the Proposed ComEd Auctions And Assuming an Increase of 17.78% from ComEd's Current Delivery Service Charges

Electric Space Heating (Rider 25) Accounts

Customer #	Peak Monthly Demand (kW)	ComEd Bundled Rate	ComEd Proposed Rider CPP Customer Class	Annual Base-Rate Revenue (A)	Annual Estimated Unbundled Bill (B)	Cost Difference (B) - (A)	% Difference
1	691	6T5	LL	\$ 140,725	\$ 199,728	\$ 59,003	41.9%
2	1,162	6L5	VLL	\$ 227,524	\$ 311,237	\$ 83,713	36.8%
3	2,542	6L5	VLL	\$ 535,383	\$ 705,830	\$ 170,447	31.8%
4	596	6T5	LL	\$ 116,584	\$ 158,701	\$ 42,117	36.1%
5	937	6T5	LL	\$ 210,253	\$ 283,888	\$ 73,635	35.0%
6	811	6T5	LL	\$ 154,892	\$ 218,578	\$ 63,686	41.1%
7	790	6T5	LL	\$ 93,592	\$ 130,085	\$ 36,494	39.0%
8	2,324	6L5	VLL	\$ 148,031	\$ 236,496	\$ 88,464	59.8%
9	374	6O5	ML	\$ 84,494	\$ 101,699	\$ 17,205	20.4%
10	139	6O5	ML	\$ 34,245	\$ 43,130	\$ 8,885	25.9%
Totals				\$ 1,745,723	\$ 2,389,373	\$ 643,650	36.9%

Estimated 2007 Energy Charges at an Auction Price of \$55 per mWh

Proposed ComEd Rider CPP Class	Peak Demand Range	Summer Peak Charge (cents/kWh)	Summer Off-Peak Charge (cents/kWh)	Summer Non-TOU Charge (cents/kWh)	Nonsummer Peak Charge (cents/kWh)	Nonsummer Off-Peak Charge (cents/kWh)	Nonsummer Non-TOU Charge (cents/kWh)
Medium Load Customer ("ML")	100-400 kW			6.425			6.082
Large Load Customer ("LL")	400-1,000 kW	8.355	4.032	6.564	7.739	4.300	6.259
Very Large Load Customer ("VLL")	1,000-3,000-kW	7.753	3.475	6.094	7.132	3.738	5.727

Estimated 2007 ComEd Delivery Charges

(Current ComEd Delivery Service Charges + 17.78%)

Proposed ComEd Rider CPP Class	Peak Demand Range	Monthly Charge (Customer + Metering)	Demand Charge \$/kW
Medium Load Customer ("ML")	100-400 kW	\$65.60	\$5.05
Large Load Customer ("LL")	400-1,000 kW	\$86.51	\$5.26
Very Large Load Customer ("VLL")	1,000-3,000-kW	\$336.71	\$5.24

The 2007 summer, non-summer, peak and off-peak and non time-of-use charges for the applicable classes were estimated using a spreadsheet, provided by ComEd, that was used to translate auction prices into retail customer charges in ComEd's Exhibit 7.7 (ComEd Response to The Coalition Of Energy Suppliers ("CES") Data Request No. 1.28, Attachment 1); assuming auction prices of \$55 per mWh (5.5 cents per kWh). The table above lists those estimated energy charges. The delivery charges used are 17.78% higher than the currently applicable charges. The Transmission Service Charge used is the current effective rate of 0.331 cents/kWh. The Monthly Charge is a sum of the Monthly Customer Charge and the Monthly Metering Charge. Customer Transition Charges were not used in the comparison. No other charges (i.e., Supply Administration Charges, taxes, franchise fees, decommissioning expenses, etc.) were included.

Cost Comparison for Randomly Selected Electric Space Heating Customers under Current ComEd Bundled Rates For Electricity Supply and Delivery Versus an Estimated Unbundled Bill in 2007 With Projected Retail Energy Charges at an Auction Price of \$60 per mWh (6.0 cents per kWh) in the Proposed ComEd Auctions And Assuming an Increase of 17.78% from ComEd's Current Delivery Service Charges

Electric Space Heating (Rider 25) Accounts

Customer #	Peak Monthly Demand (kW)	ComEd Bundled Rate	ComEd Proposed Rider CPP Customer Class	Annual Base-Rate Revenue (A)	Annual Estimated Unbundled Bill (B)	Cost Difference (B) - (A)	% Difference
1	691	6T5	LL	\$ 140,725	\$ 214,109	\$ 73,383	52.1%
2	1,162	6L5	VLL	\$ 227,524	\$ 333,127	\$ 105,604	46.4%
3	2,542	6L5	VLL	\$ 535,383	\$ 756,053	\$ 220,670	41.2%
4	596	6T5	LL	\$ 116,584	\$ 170,103	\$ 53,519	45.9%
5	937	6T5	LL	\$ 210,253	\$ 304,510	\$ 94,257	44.8%
6	811	6T5	LL	\$ 154,892	\$ 233,833	\$ 78,941	51.0%
7	790	6T5	LL	\$ 93,592	\$ 138,405	\$ 44,813	47.9%
8	2,324	6L5	VLL	\$ 148,031	\$ 252,356	\$ 104,325	70.5%
9	374	6O5	ML	\$ 84,494	\$ 109,001	\$ 24,507	29.0%
10	139	6O5	ML	\$ 34,245	\$ 46,165	\$ 11,920	34.8%
Totals				\$ 1,745,723	\$ 2,557,663	\$ 811,939	46.5%

Estimated 2007 Energy Charges at an Auction Price of \$60 per mWh

Proposed ComEd Rider CPP Class	Peak Demand Range	Summer Peak Charge (cents/kWh)	Summer Off-Peak Charge (cents/kWh)	Summer Non-TOU Charge (cents/kWh)	Nonsummer Peak Charge (cents/kWh)	Nonsummer Off-Peak Charge (cents/kWh)	Nonsummer Non-TOU Charge (cents/kWh)
Medium Load Customer ("ML")	100-400 kW			7.009			6.634
Large Load Customer ("LL")	400-1,000 kW	9.115	4.399	7.161	8.443	4.691	6.828
Very Large Load Customer ("VLL")	1,000-3,000-kW	8.458	3.791	6.648	7.781	4.077	6.247

Estimated 2007 ComEd Delivery Charges

(Current ComEd Delivery Service Charges + 17.78%)

Proposed ComEd Rider CPP Class	Peak Demand Range	Monthly Charge (Customer + Metering)	Demand Charge \$/kW
Medium Load Customer ("ML")	100-400 kW	\$65.60	\$5.05
Large Load Customer ("LL")	400-1,000 kW	\$86.51	\$5.26
Very Large Load Customer ("VLL")	1,000-3,000-kW	\$336.71	\$5.24

The 2007 summer, non-summer, peak and off-peak and non time-of-use charges for the applicable classes were estimated using a spreadsheet, provided by ComEd, that was used to translate auction prices into retail customer charges in ComEd's Exhibit 7.7 (ComEd Response to The Coalition Of Energy Suppliers ("CES") Data Request No. 1.28, Attachment 1); assuming auction prices of \$60 per mWh (6.0 cents per kWh). The table above lists those estimated energy charges. The delivery charges used are 17.78% higher than the currently applicable charges. The Transmission Service Charge used is the current effective rate of 0.331 cents/kWh. The Monthly Charge is a sum of the Monthly Customer Charge and the Monthly Metering Charge. Customer Transition Charges were not used in the comparison. No other charges (i.e., Supply Administration Charges, taxes, franchise fees, decommissioning expenses, etc.) were included.