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PUCO EXHIBIT FILING

Date of Hearing: August 28, 2013

Case No. 09-119-EL-AEC

PUCO Case Caption:

In the Matter of the Application of Ormet Primary Aluminum Corporation for Approval of a Unique Arrangement with Ohio Power Company - Volume II.

Exhibits being filed:

OCC Exhibits 5, and 7

IEU-Ohio Exhibits 3, 4, ' 7, 8, 9, and 10

Reporter's Signature: Maria DiPaolo Jones

Submitted by Armstrong & Okey, Inc.: 8/29/13

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Technician SM Date Processed AUG 29 2013

BEFORE THE PUBLIC UTILITIES COMMISSION OF OHIO

\- - -

In the Matter of the	:	
Application of Ormet	:	
Primary Aluminum	:	Case No. 09-119-EL-AEC
Corporation for Approval	:	
of a Unique Arrangement	:	
with Ohio Power Company.	:	

\- - -

PROCEEDINGS

before Ms. Sarah Parrot, Attorney Examiner, at the Public Utilities Commission of Ohio, 180 East Broad Street, Room 11-A, Columbus, Ohio, called at 10:00 a.m. on Wednesday, August 28, 2013.

\- - -

VOLUME II

\- - -

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OCC Ex. 5

Attachment HWF-1

ORMET HANNIBAL SMELTER UNIQUE ARRANGEMENT
IMPACT OF PROPOSED AMENDMENTS - TRANSITION TO MARKET
($ thousands)

	2013	2014	2015	2016	2017	2018	TOTAL
CURRENT AGREEMENT	44,000	34,000	24,000	14,000	4,000	0	120,000
PROPOSED AMENDMENTS							
Emergency Relief							
Discount (Lines 1-4)	66,000	54,000		0	0	0	120,000
Fixed Generation Rate (Lines 1-4)[1]	3,404	0	0	0	0	0	3,404
Total Emergency Relief	69,404	54,000	0	0	0	0	123,404
Non-Emergency Relief							
Discount (Lines 1-4) through 5/31/15	0	0	22,500	0	0	0	22,500
Fixed Generation Rate	0	0	0	0	0	0	0
Shopping Credit (lines 5-6)7/1/14-5/31/15 @ $9/MWh	0	6,750	5,625	0	0	0	12,375
Sub-Total	0	6,750	28,125	0	0	0	34,875
Contingency Shopping Credit (Lines 1-6) @ $6/MWh, 7/1 - 12/31/15	0	0	15,190	0	0	0	15,190
Total Non-Emergency Relief	0	6,750	43,315	0	0	0	50,065
TOTAL PROPOSED AMENDMENTS	69,404	60,750	43,315	0	0	0	173,469
Monthly Impact on Average Residential Customer ($/month)[2]							
With Contingency	$ 3.12	$ 2.73	$ 1.94	$ -	$ -	$ -	
Without Contingency			1.26				

Notes:

(1) Values provided by AEP

(2) Contingent amount based on six potlines operating for 7 months; the impact on residential customers excluding the shopping credit is $2/month
The average residential customer is paying approximately $2/month based on the current $44 million discount

OCC Ex. 7

CALCULATION OF ORMET PORTION OF RESIDENTIAL EDR MONTHLY RATES

Ohio Power Rate Zone		kWh	Distribution Charges (Excludes Riders)	EDR % of Distribution	EDR Charges	Ormet %	Ormet $$
Residential Rates		100	$6.18	10.79310%	$0.67	67.34%	$0.45
Customer Charge	$3.82	250	$9.71		$1.05	67.34%	$0.71
0-800 kWh	0.0235642	500	$15.60		$1.68	67.34%	$1.13
Above 800 kWh	0.0171224	750	$21.49		$2.32	67.34%	$1.56
		1000	$26.10		$2.82	67.34%	$1.90
		1500	$34.66		$3.74	67.34%	$2.52
		2000	$43.22		$4.66	67.34%	$3.14

Columbus Southern Rate Zone - Summer Rates		kWh	Distribution Charges (Excludes Riders)	EDR % of Distribution	EDR Charges	Ormet %	Ormet $$
Residential Rates		100	$7.51	10.79310%	$0.81	67.34%	$0.55
Customer Charge	$4.52	250	$11.99		$1.29	67.34%	$0.87
0-800 kWh	0.0298899	500	$19.46		$2.10	67.34%	$1.41
Above 800 kWh	0.0298899	750	$26.94		$2.91	67.34%	$1.96
		1000	$34.41		$3.71	67.34%	$2.50
		1500	$49.35		$5.33	67.34%	$3.59
		2000	$64.30		$6.94	67.34%	$4.67

Columbus Southern Rate Zone - Winter Rates		kWh	Distribution Charges (Excludes Riders)	EDR % of Distribution	EDR Charges	Ormet %	Ormet $$
Residential Rates		100	$7.51	10.79310%	$0.81	67.34%	$0.55
Customer Charge	$4.52	250	$11.99		$1.29	67.34%	$0.87
0-800 kWh	0.0298899	500	$19.46		$2.10	67.34%	$1.41
Above 800 kWh	0.0057028	750	$26.94		$2.91	67.34%	$1.96
		1000	$29.57		$3.19	67.34%	$2.15
		1500	$32.42		$3.50	67.34%	$2.36
		2000	$35.28		$3.81	67.34%	$2.56

	Ormet Delta Revenue	Estimated Delta 2013
Jan-13	5,500,000	
Feb-13	5,500,000	
Mar-13	5,500,000	
Apr-13	5,500,000	
May-13	5,500,000	
Jun-13	5,500,000	
Jul-13	5,500,000	
Aug-13	5,500,000	
Sep-13		
Oct-13		
Nov-13		
Dec-13		
2013 Total (estimated only)	44,000,000	65,340,448
Ormet Delta Revenue as % of Rider Collections	67.3396%	

- IEU EX. 3 -
ORMET Ex. 9

HARBOR intelligence

aluminum market analysis & price outlook intelligence

Aluminum Technicals in Bullish Mode;
We See Prices Closing at $2,000 by Year-End
Aluminum Price Outlook

HARBOR Intelligence
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April '09

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summary

1 **Aluminum prices have hit bottom and are no longer in bearish mode.** LME aluminum prices hit bottom in February (at $1,280 per mton=58 cent/lb) and have now complete a typical formation associated with trend reversals (head & shoulders, increasing volume and bullish daily signal). We shouldn't expect prices to touch new lows or even fall below $1,370 per mton (62 cent/lb). Bullish factors playing in the market have increased considerably and now outnumber ongoing bearish factors by a wide margin.

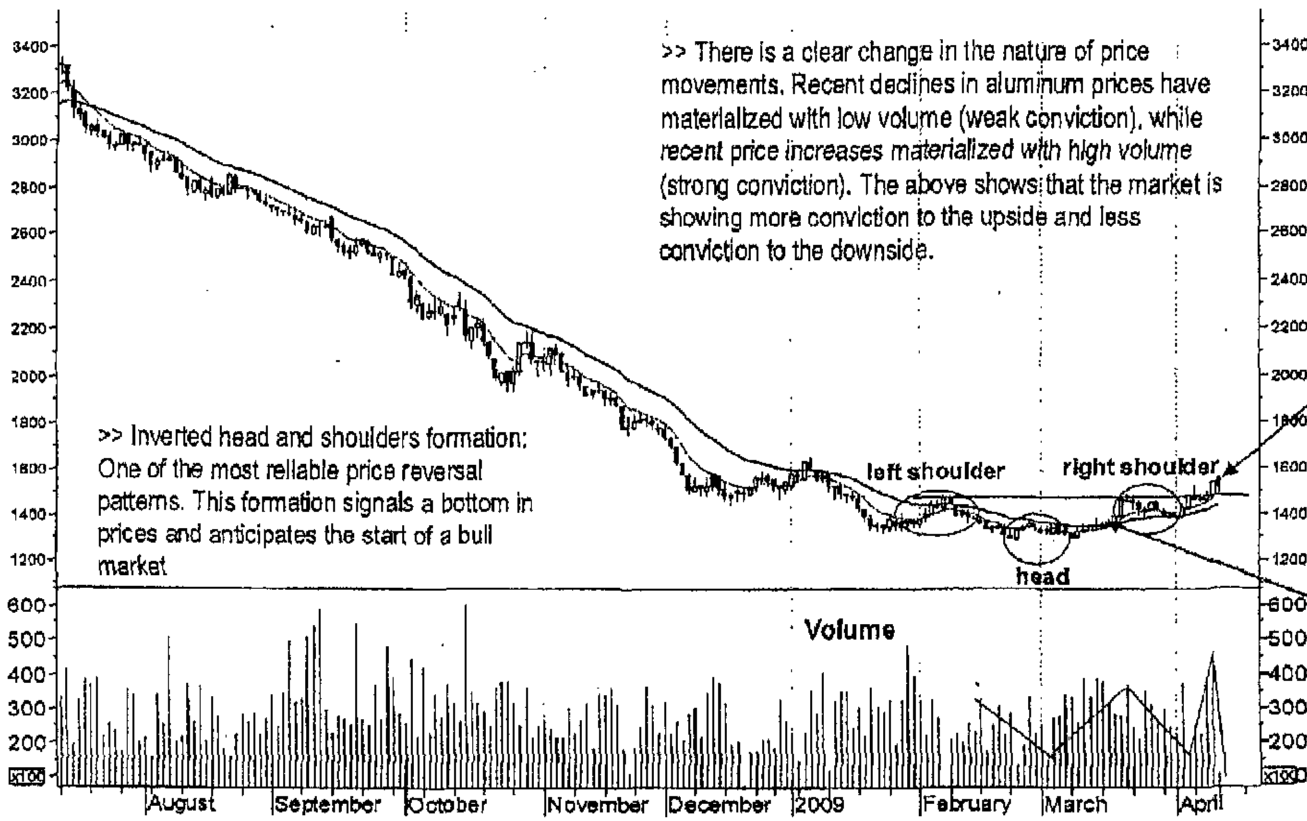
2 ***Aluminum market sentiment now on bullish mode* while consensus continues to upgrade its '10 price forecasts.** Our proprietary Aluminum Market Sentiment Index has entered bullish territory and is at its highest level since Sep '08. Furthermore, consensus continues to expect higher aluminum prices in the next quarters and next year. Consensus expects prices to average around $1,737 per mton (79 cent/lb) in the IVQ'09, while its'10 price forecast increased in April to $2,490 per mton (113 cent/lb) from an average March forecast of $2,047 per mton (93 cent/lb), a noteworthy increase of $443 per mton (20 cent/lb). Meanwhile, more than 60% of the analysts that updated their '10 aluminum price forecasts in Mar-Apr '09 expect prices to average above $2,000 per mton (91 cent/lb) next year.

3 **We see prices closing the year near $2,000 per mton (90 cents/lb).** Aluminum prices have completed a clear inverted head and shoulders technical formation, which tends to be typical pattern of trend reversal that that suggest we are no longer in bearish mode. This confirms that prices indeed hit bottom in February and that a strong recovery is due to take place in the mid and longer-term. We expect aluminum prices to range-trade mainly between $1,370-1,600 per mton (62-73 cent/lb) in the short-term and then head toward $2,000 per mton (91 cent/lb) by the end of the year and higher in '10. The LME option market has a similar view, believing prices will not fall below $1,200 per mton (55 cent/lb) and will close the year near $2,000 per mton (91 cent/lb).

Aluminum prices show a typical pattern of trend reversal (inverted head & shoulders with increased volume) that suggest we are no longer in bearish mode

ALUMINUM PRICE TECHNICALS

(daily data, $/per mton)



Prices have breakout the inverted head and shoulders neckline. High volume in breakout, and low volume in subsequent price declines are a strong confirmation.

For the first time since last August, price moving averages signal daily bullish mode (as 8 days MA=red crosses over 23 days=blue)

Bullish factors are rapidly increasing and intensifying for short, mid & long term, while bearish factors are falling considerably

HARBOR`s VIEW OF THE FACTORS AFFECTING PRICES:

Bullish factors increasing for short, mid and long run:

A) Fear levels continue to fall, at 37 from 90 in IVQ 08
B) The dollar has peaked and is falling sharply in context of unprecedented low interest rates in the US
C) Speculators are exiting short positions and entering long positions (volume and open interest confirms this)
D) Global daily aluminum demand bottomed in Dec 08, and is up 15% so far this year
E) Global aluminum inventories peaked last February in terms of weeks of consumption and are falling since March
F) Technical indicators show trend reversal patterns
G) Output cuts and compliance continue to accelerate
H) China's plan to buy 0.80-3.5 million tons to help support industry
I) Daily oversupply has fallen to lowest level since last August
J) Capex in aluminum expansion projects is down 35%, few expansions are expected in next two years
K) Unprecedented capital injections to the global financial system, strong global fiscal spending and stimulus plans, near record low global interest rates
L) Sharpest global aluminum demand deviation vs long term trend
M) Strong underlying aluminum demand growth from emerging countries leaded by China
N) Aluminum undervaluation vs rest of base metals, most substitute materials and energy prices
O) Higher structural opex and capex costs
P) *Expectations of structural gains of the yuan vs the US dollar*
Q) Insufficient global energy supplies
R) More than 70% of global aluminum output is under water in a full cost basis
S) A reversion in the SHFE-LME aluminum price spread from negative to positive and growing to record levels
T) Strong restocking needs
U) Our proprietary Aluminum Market Sentiment Index is now in bullish mode for the first time since Sep '08
V) Chalco, Non-Chalco, China import, Australia fob and India Fob alumina spot prices are increasing
W) Aluminum demand in the US is no longer falling

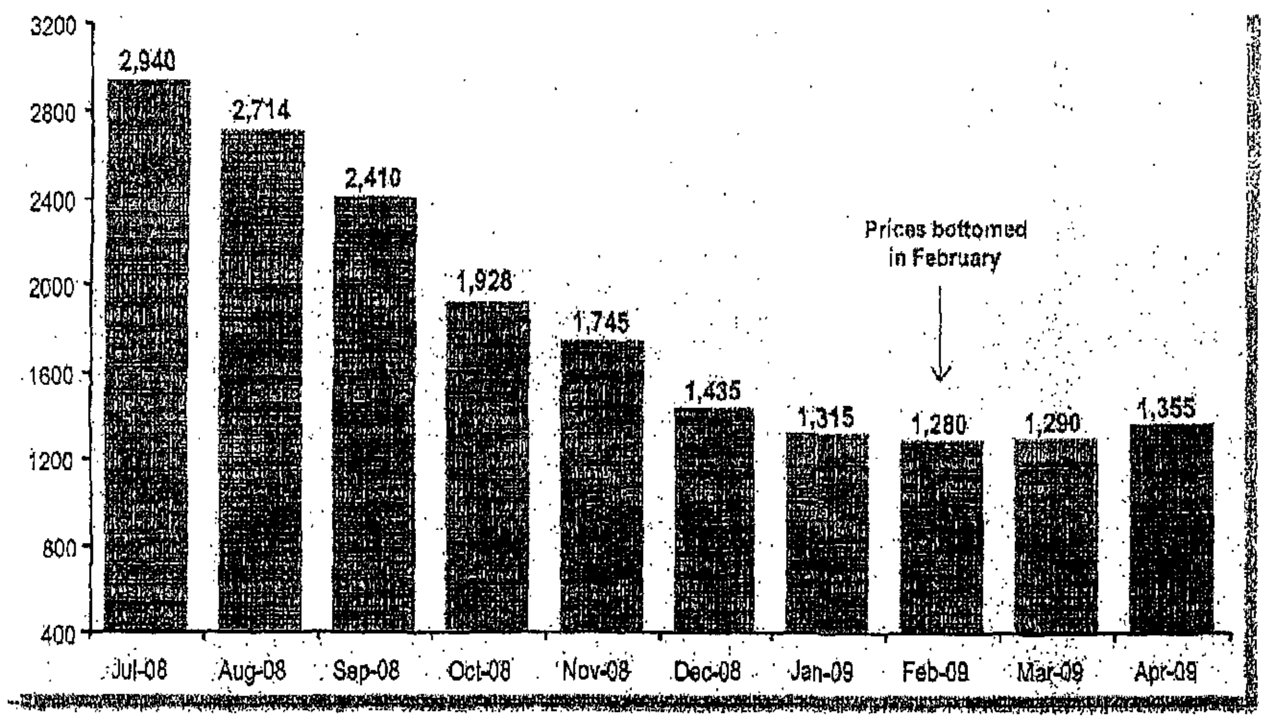
Bearish factors pressuring down prices are falling in number and intensity:

A) Aluminum market continues to experience daily oversupply
B) Aluminum demand contraction still present in Europe and Japan
C) Global visible inventory levels have increased from 3.25 weeks in IIQ `07 to around 8.3 weeks in Mar 09
D) Risk aversion is still above normal levels
E) Insufficient meaningful output cuts in China and the Western World
F) Global interest rates continue to fall

Aluminum prices bottomed in February...

LOWEST LME 3M ALUMINUM PRICE SEEN IN EACH MONTH*

(monthly data; $/mton)



* The lowest intraday price level seen during each month.

Source: HARBOR intelligence

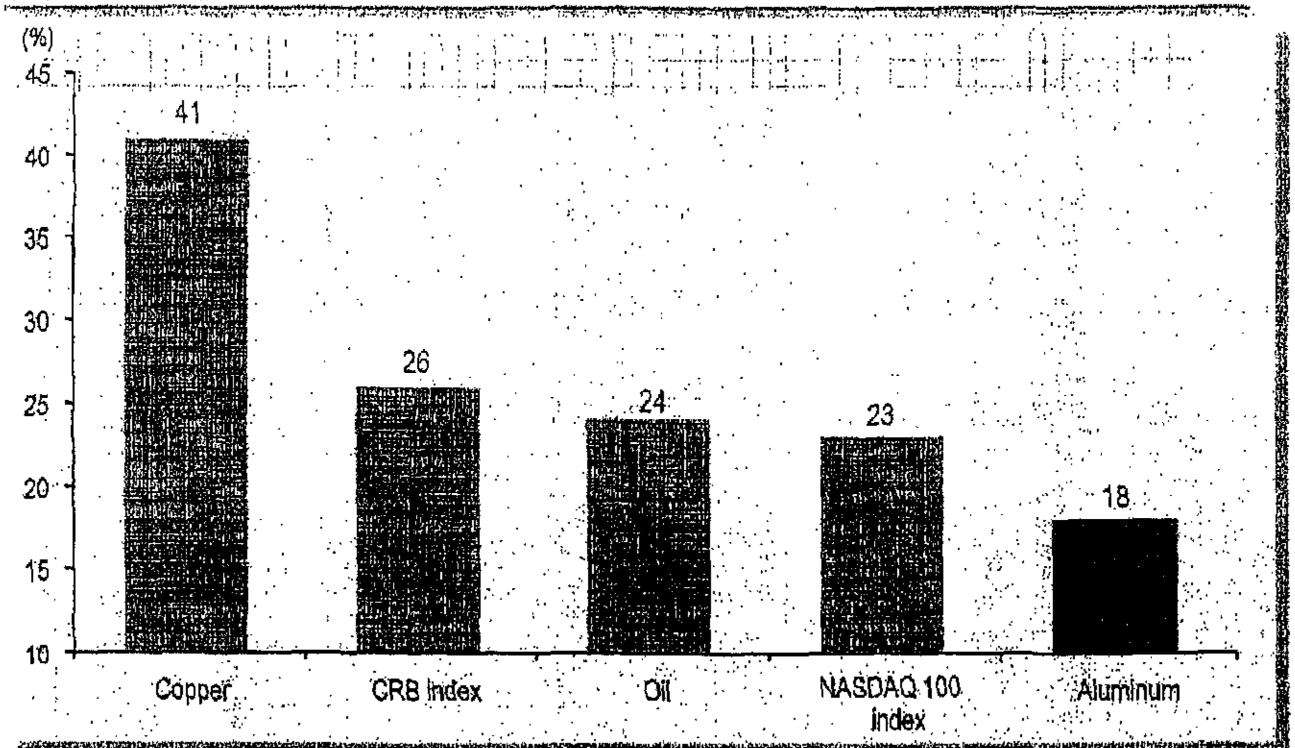
... while prices are recovering at a faster pace than before

>> TIME IT TOOK ALUMINUM PRICES TO REACH $1,500 PER MTON AFTER BEING AT AROUND $1,200 PER MTON

Feb '99: $1,200	7 months →	Sep '99: $1,500
Nov '01: $1,256	23 months →	Oct '03: $1,500
Feb '09: $1,280	**1.5 months** →	Apr '09: $1,500

Aluminum prices have bounced & underperformed in a context of price reversal in the commodity and equity complex

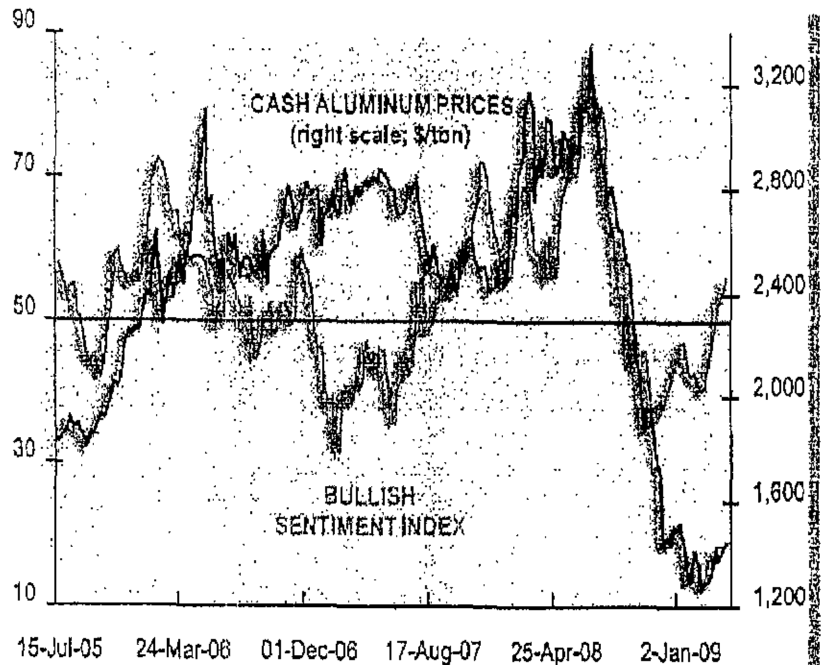
ALUMINUM PRICE PERFORMANCE VS OTHER ASSETS SINCE MARCH '09
(daily data; % increase)



Source: HARBOR intelligence

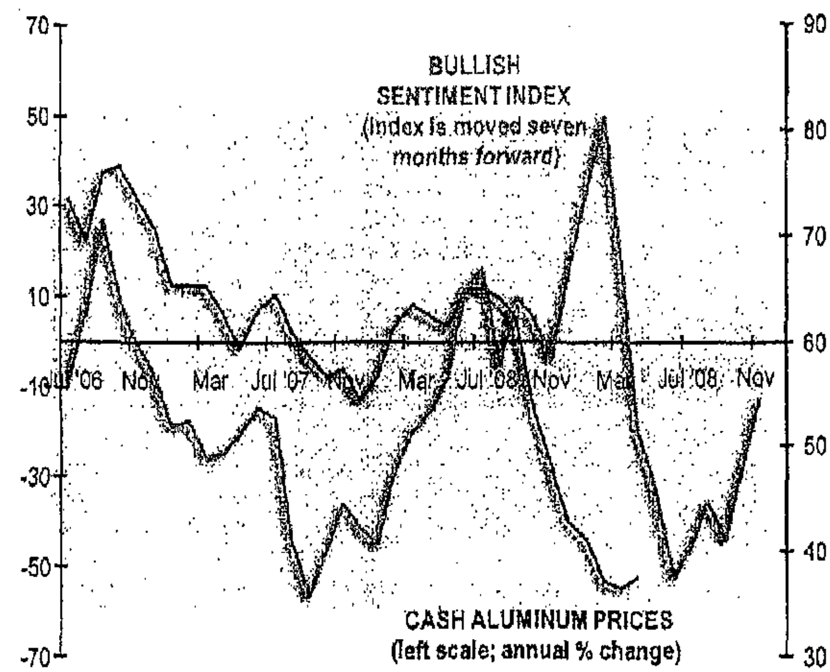
Market sentiment has turned bullish for the first time since Sep '08…

HARBOR'S ALUMINUM BULLISH MARKET SENTIMENT INDEX VS ALUMINUM LME CASH
(bullish comments as % of total analysts comments in previous eight weeks)



Source: HARBOR Intelligence

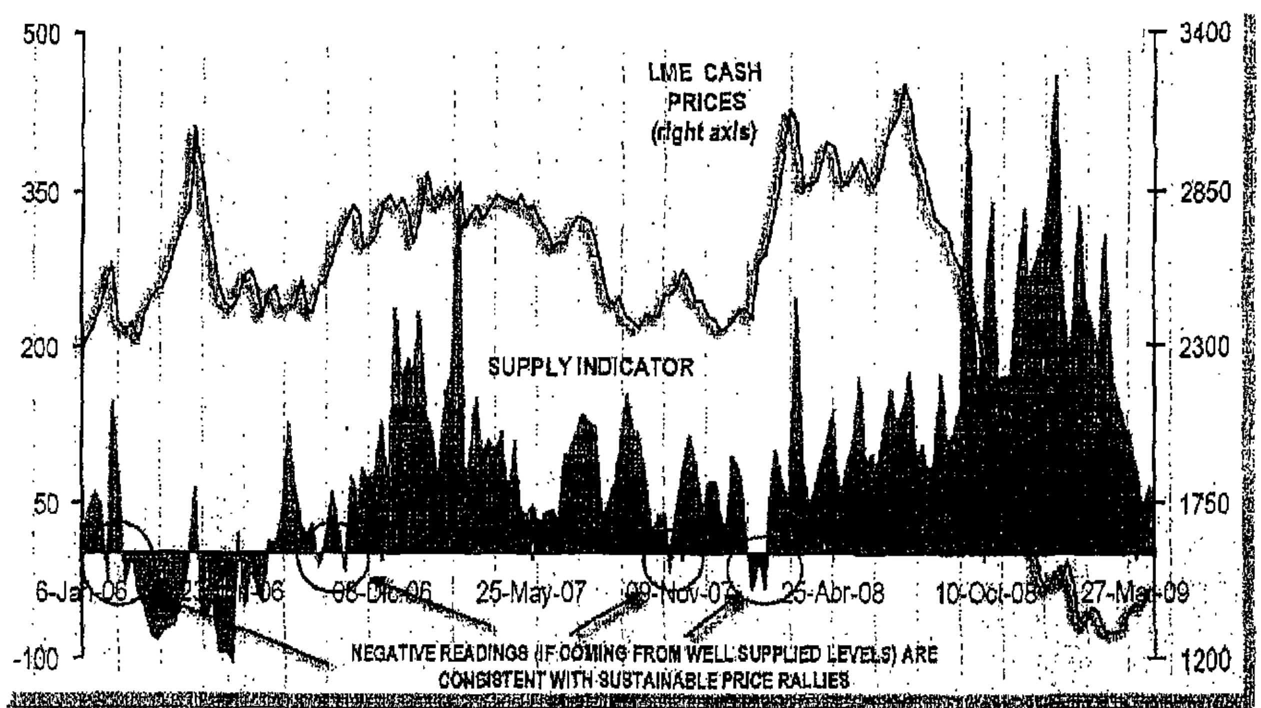
HARBOR'S ALUMINUM BULLISH MARKET SENTIMENT INDEX AS LEADING INDICATOR
(bullish comments as % of total analyst comments in previous eight weeks)



Source: HARBOR Intelligence

...the daily oversupply has fallen to lowest level since last August

ALUMINUM CASH PRICES VS HARBOR'S ALUMINUM WELL SUPPLIED INDICATOR LEVEL*
(four week average; $/ton)



Source: HARBOR Intelligence

*formula that includes commercial inventory movements, forward curve, regional premiums, alumina price trends, SHFE-LME price spread among others

Consensus continues to expect higher aluminum prices in next quarters

ALUMINUM LME CASH QUARTERLY PRICE FORECASTS

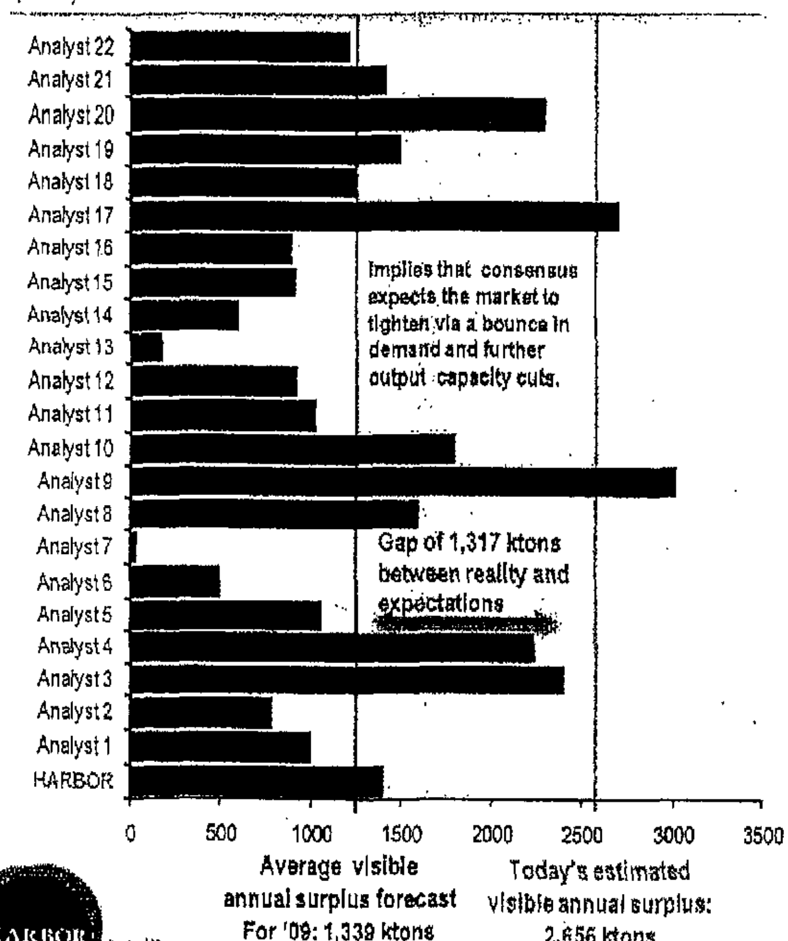
	Analyst		2009			
			1Q	2Q	3Q	4Q
Apr'09	HARBOR Realistic	(60% in '09)	1,359	1,547	1,750	1,967
Apr'09	HARBOR Downside	(30% in '09)	1,359	1,390	1,467	1,600
Apr'09	HARBOR Upside	(10% in '09)	1,359	1,717	2,067	2,465
Mar'09	Analyst 1		1,359	1,400	1,350	1,600
Mar'09	Analyst 2		1,359	1,300	1,450	1,600
Feb'09	Analyst 3		1,359	1,653	1,874	1,874
Feb'09	Analyst 4		1,359	1,500	1,550	1,600
Feb'09	Analyst 5		1,359	1,477	1,521	1,609
Feb'09	Analyst 6		1,359	1,500	1,550	1,600
Feb'09	Analyst 7		1,359	1,475	1,525	1,600
Feb'09	Analyst 8		1,359	1,433	1,344	1,367
Jan'09	Analyst 9		1,359	1,609	1,543	1,895
Dec'08	Analyst 10		1,359	1,653	1,873	1,873
Dec'08	Analyst 11		1,359	1,380	1,420	1,500
	Analyst s Average		1,359	1,509	$\boxed{1,606}$	$\boxed{1,737}$

Source: HARBOR Intelligence with Internal database

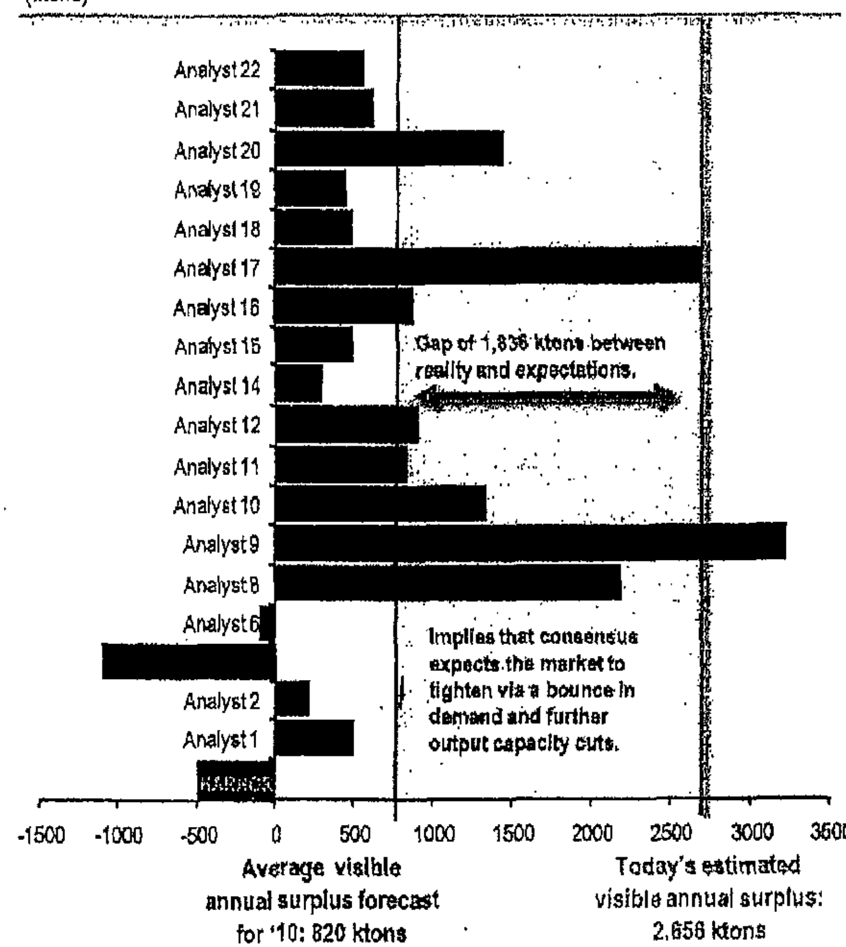
Analysts continue to expect higher prices in IIH'09

Analysts continue to believe that market will tighten (at the margin) this year and next as they expect a bounce in demand and further output cuts to materialize...

ANALYSTS' 09 AVERAGE MARKET BALANCE FORECASTS MADE DURING DEC '08-APR '09
(ktons)



ANALYSTS' 10 MARKET BALANCE FORECASTS MADE DURING DEC '08-APR '09
(ktons)

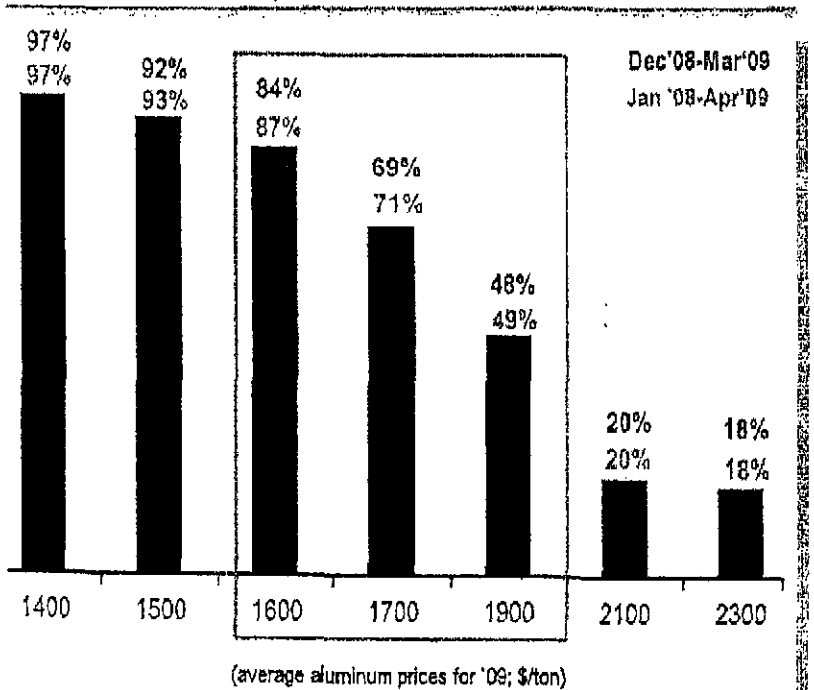


...while more than 60% of them expect prices to average above $2,000 per mton next year

FORECASTS UPDATED WITHIN THE LAST FOUR MONTHS

WHAT ARE ANALYSTS EXPECTING FOR `10

(% of analysts expecting prices to average higher than specified price level; from our database of 62 analysts that have updated their price forecasts within the last four months)

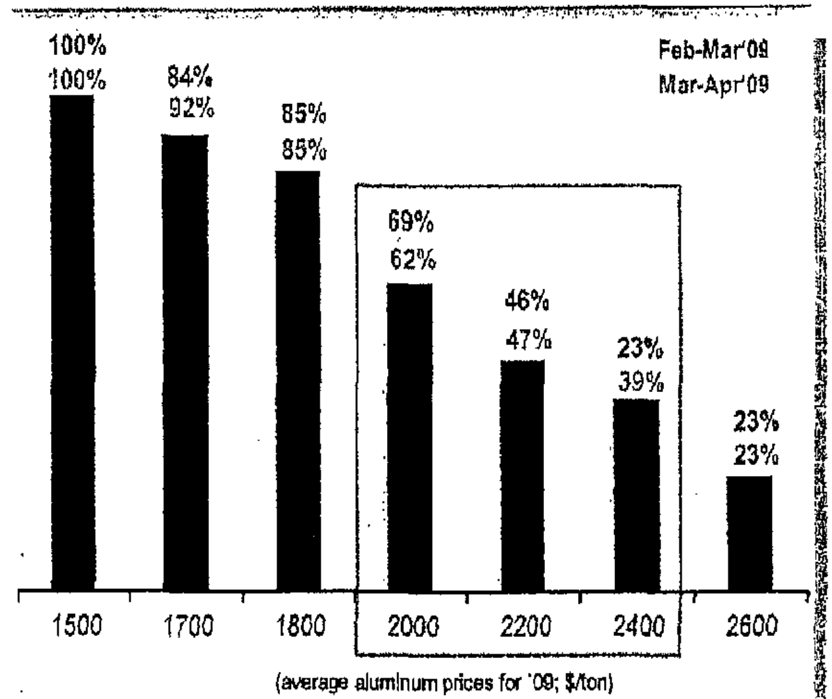


Source: HARBOR intelligence with internal database

FORECASTS UPDATED IN MAR-APR '09

WHAT ARE ANALYSTS EXPECTING FOR `10

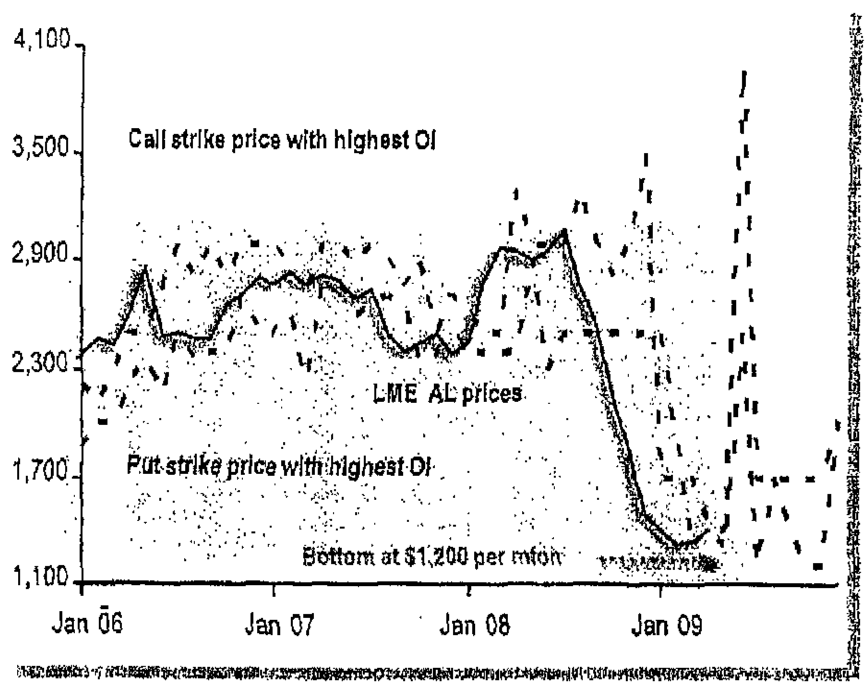
(% of analysts expecting prices to average higher than specified price level; from our database of 14 analysts that have updated their price forecasts in Mar-Apr '09)



Source: HARBOR intelligence with internal database

The option market continues to see strong support at $1,200 per mton (54 cent/lb) and prices closing the year close to $2,000 per mton (91 cent/lb)

LME ALUMINUM CASH PRICE vs STRIKE PRICE WTH HIGHEST OPEN INTEREST (OI)
(dlls/mtons)



Source: HARBOR Intelligence with LME data

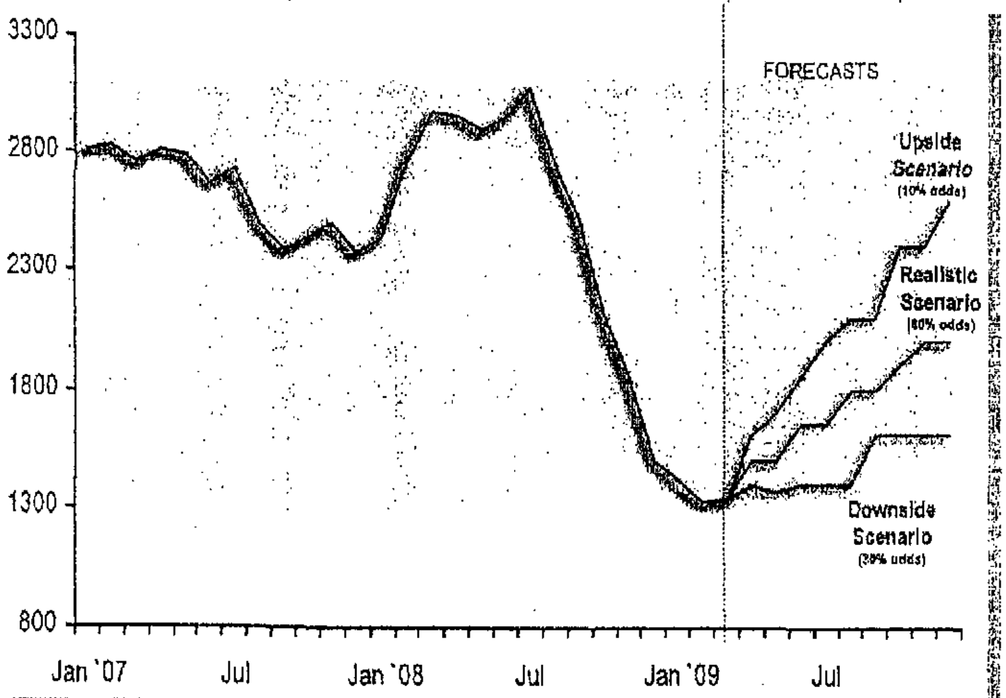
Jan '08	2,600	2,400	2,441
Feb	2,500	2,400	2,774
Mar	2,500	2,400	2,981
Apr	3,300	2,400	2,962
May	3,000	2,900	2,903
Jun	3,000	2,300	2,956
Jul	3,000	2,500	3,075
Aug	3,300	2,500	2,783
Sept	3,000	2,500	2,526
Oct	2,800	2,500	2,120
Nov	3,000	2,500	1,852
Dec	3,500	2,500	1,491
Jan '09	1,700	2,500	1,414
Feb	1,700	1,900	1,329
Mar	1,700	1,300	1,335
Apr	1,400	1,400	1,403
May	1,400	1,300	
Jun	4,000	2,500	
Jul	1,700	1,200	
Aug	1,700	1,700	
Sept	1,700	1,400	
Oct	1,700	1,200	
Nov	1,700	1,200	
Dec	2,000	2,000	

HARBOR Intelligence

We believe that we have seen the bottom and that prices will close the year near $2,000 per mton

HARBOR ALUMINUM CASH PRICE FORECAST*

(LME Cash Price; $/ton)



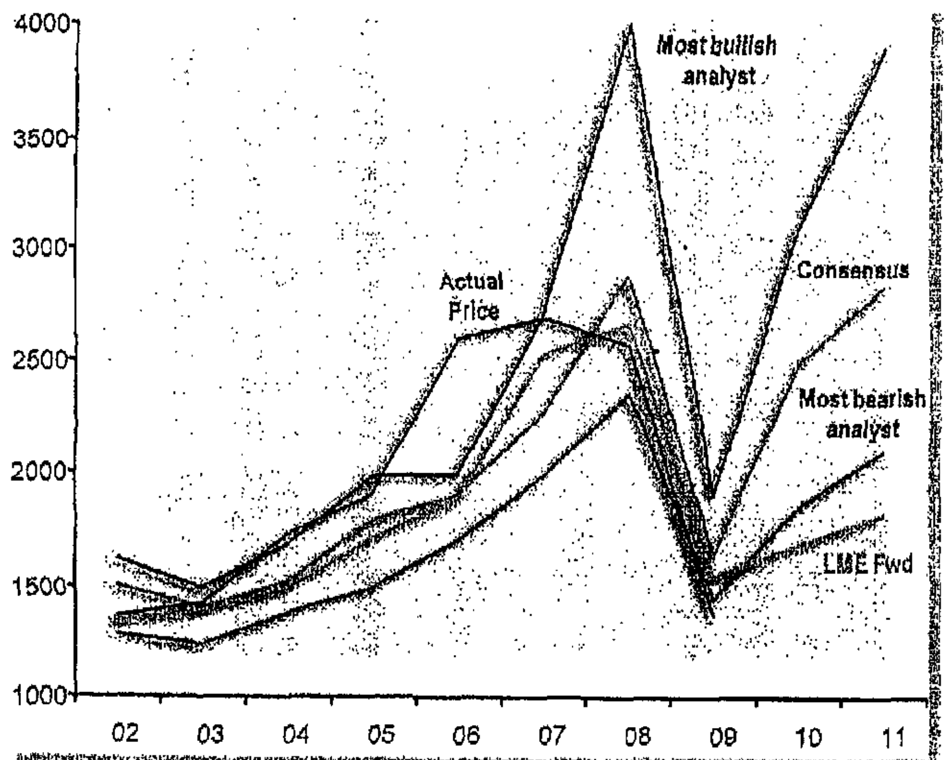
Source: HARBOR intelligence

* HARBOR calculates monthly forecasts from annual forecasts

	Upside Scenario	Realistic Scenario	Downside Scenario
Jan '08	2441	2441	2441
Feb	2774	2774	2774
Mar	2981	2981	2981
Apr	2962	2962	2962
May	2903	2903	2903
Jun	2956	2956	2956
Jul	3075	3075	3075
Aug	2763	2763	2763
Sep	2525	2525	2525
Oct	2120	2120	2120
Nov	1852	1852	1852
Dec	1496	1496	1496
Jan '09	1414	1414	1414
Feb	1329	1329	1329
Mar	1335	1335	1335
Apr	1600	1496	1400
May	1700	1496	1370
Jun	1852	1650	1400
Jul	2000	1650	1400
Aug	2100	1800	1400
Sep	2100	1800	1600
Oct	2400	1900	1600
Nov	2400	2000	1600
Dec	2600	2000	1600
'08	2,571	2,571	2,571
'09	1,903	1,656	1,454

Hedging today (see FWD curve) implies buying below consensus forecasts, most bearish analyst forecast, and HARBOR's forecasts

FORECAST HISTORY* VS ACTUAL ALUMINUM PRICE
($/ton)



Source: HARBOR intelligence with internal database

*forecast made on Dec of the prior year

	Most Bearish	Most Bullish	Consensus	Actual Price	Fwd curve
'02	1285	1620	1503	1366	1333
'03	1235	1499	1407	1428	1389
'04	1383	1683	1519	1722	1488
'05	1499	1984	1788	1900	1708
'06	1698	1990	1905	2590	1875
'07	1984	2700	2269	2682	2522
'08	2350	4000	2874	2587	2653
'09	1454	1903	1634	1368	1551
'10	1850	3100	2490		1680
'11	2100	3900	2825		1814

ALUMINUM LME CASH ANNUAL PRICE FORECASTS BY ANALYST

	`09	`10	`11	`12
AVERAGE FORECAST (forecast updated Apr '09)	1634	2490	2825	3033
LOWEST FORECASTED PRICE (forecast updated Apr '09)	1454	1850	2100	2000
HIGHEST FORECASTED PRICE (forecast updated Apr '09)	1903	3100	3900	4400
AVERAGE OF THOSE EXPECTING HIGHER PRICES (forecast updated Apr '09)	1753	2490	3350	4400
AVERAGE OF THOSE EXPECTING LOWER PRICES (forecast updated Apr '09)	1455	NA	2100	2350
BEST 10 ANALYSTS in '08	1595	1918	2654	2558
BEST 5 ANALYSTS in '01-'08	1596	2252	2841	3106
HARBOR Upside (10% chance in '09-'12)	1903	3100	3900	4400
HARBOR Realistic (60% chance in '09-'12)	1656	2700	2800	2700
HARBOR Downside (30% chance in '09-'12)	1415	2300	2100	2000
PREDOMINANT FORECAST	1635	2418	2829	3054

Source: HARBOR Intelligence with Internal database

ANALYSTS' ALUMINUM LME ANNUAL CASH PRICE FORECASTS AND RANKINGS

Forecast ranking*								Avg Forecast Error **		Analyst	2009		2010		2011	
2001	2002	2003	2004	2005	2006	2007	2008				($/mton)	(cent/lb)	($/mton)	(cent/lb)	($/mton)	(cent/lb)
2	9	5	18	9	1	15	1	7.3	Mar'09	Analyst 1	1425	65	1738	79	2500	113
NR	NR	10	3	12	2	34	2	8.2	Mar'09	Analyst 2	1256	57	1940	88	2756	125
NR	8	NR	11	24	13	6	3	8.4	Mar'09	Analyst 3	1650	75	2060	93		
NR	NR	NR	NR	NR	NR	13	4		Jan'09	Analyst 4	1900	86	1798	82	2800	127
NR	NR	NR	NR	NR	NR	NR	5		Mar'09	LME Options Market	1750	79				
5	NR	7	16	27	27	36	6	12.6	Jan'09	Analyst 5	1839	83	2243	102		
6	1	3	7	29	1	33	7	8.5	Apr'09	**HARBOR Realistic (60% chance in '09)**	1656	75	2700	123	2800	127
NR	NR	NR	17	NR	3	19	8		Jan'09	Analyst 6	1609	73	1807	82		
NR	NR	NR	12	5	18	29	9	12.0	Jan'09	Analyst 7	1322	60	1322	60	3086	140
NR	7	16	NR	34	NR	NR	10	7.1	Jan'09	Analyst 8	1543	70	1653	75	1984	90
NR	NR	NR	NR	NR	NR	NR	11		Mar'08	Analyst 9	2800	127	2425	110	2425	110
NR	NR	14	NR	33	NR	NR	12		Jan'09	Analyst 10	1383	63	1470	67	2600	118
NR	NR	NR	NR	NR	NR	NR	13		Apr'09	**HARBOR Downside (30% chance in '08)**	1454	66	2300	104	2100	95
9	9	11	8	4	4	5	14	8.9	Apr'09	Analyst 11	1455	66	1850	104	2500	113
NR	NR	NR	NR	NR	NR	NR	15		Jan'09	Analyst 12	1719	78	2164	98		
2	20	4	18	37	15	27	16	11.7	Dec'08	Analyst 13	1638	74				
NR	NR	NR	NR	7	28	NR	17		Jan'09	Analyst 14	1300	59				
12	NR	NR	NR	15	14	10	18	10.2	Feb'09	Analyst 15	1383	63	1543	70	1742	79
NR	NR	NR	NR	NR	NR	NR	19		Jan'08	Analyst 16	2315	105				
1	7	13	13	38	6	4	20	7.8	Apr'09	**HARBOR Upside (10% chance in '09)**	1903	86	3100	141	3900	177
NR	NR	12	9	8	29	32	21	13.6	Mar'09	Analyst 17	1425	65	3199	145		
NR	NR	NR	NR	NR	NR	NR	22		Jan'09	Analyst 18	1256	57	1498	68		
8	NR	NR	4	14	11	23	23	12.6	Mar'09	Analyst 19	1499	68	2094	95	2865	130
NR	14	9	5	10	17	35	24	11.5	Jan'09	Analyst 20	1463	66	1849	84	2491	113
10	NR	2	6	13	5	14	25	12.4	Mar'09	Analyst 21	1470	64	1543	70	2468	112
NR	10	8	10	26	21	2	26	12.2	Feb'09	Analyst 22	1700	75	2000	90	2400	110
NR	NR	NR	NR	NR	NR	NR			Apr'09	Analyst 23	1700	77	2500	113		
NR	NR	NR	NR	NR	NR	12			Mar'09	Analyst 24	1433	65	1984	90		
NR	NR	NR	NR	NR	NR	NR			Mar'09	Analyst 25	1800	82				
NR	NR	NR	NR	NR	NR	NR			Feb'09	Analyst 26	1653	75	2094	95		
NR	NR	NR	NR	NR	NR	NR			Feb'09	Analyst 27	1736	79	1984	90	2425	110

* Annual rankings means how accurate was the analyst to predict average prices for that year at the end of the previous year. If ranking reads 1, it means it was the most accurate analyst in predicting that year's average price. Ranking was made by HARBOR Intelligence.

** We only included the average forecast error (% deviation of forecast vs actual price) of those analysts that we have at least three years of history.

ANALYSTS' ALUMINUM LME ANNUAL CASH PRICE FORECASTS AND RANKINGS

* Annual rankings means how accurate was the analyst to predict average prices for that year at the end of the previous year. If ranking reads 1, it means it was the most accurate analyst in predicting that year's average price. Ranking was made by HARBOR intelligence.

** We only included the average forecast error (% deviation of forecast vs actual price) of those analysts that we have at least three years of history.

Forecast ranking*							Avg Forecast Error **	Analyst		2009 ($/mton)	2009 (cent/lb)	2010 ($/mton)	2010 (cent/lb)	2011 ($/mton)	2011 (cent/lb)
NR	NR	NR	NR	NR	NR	NR		Feb'09	Analyst 28	1455	66	1897	77		
NR	NR	NR	NR	NR	NR	NR		Jan'09	Analyst 29	1400	64	1500	68		
NR	NR	NR	NR	NR	NR	NR		Jan'09	Analyst 30	1713	78				
NR	NR	NR	NR	NR	NR	NR		Jan'09	Analyst 31	1410	64	2314	105		
NR	NR	NR	NR	NR	NR	NR		Jan'09	Analyst 32	1433	65	1609	73	2400	109
NR	NR	NR	NR	NR	NR	NR		Jan'09	Analyst 33	1729	78	2299	104		
NR	NR	NR	NR	31	NR	21		Jan'09	Analyst 34	1499	68				
NR	NR	NR	NR	NR	NR	NR		Jan'09	Analyst 35	1408	64	2314	109		
NR	NR	NR	NR	NR	NR	NR		Jan'09	Analyst 36	1200	54				
NR	NR	NR	NR	NR	NR	NR		Jan'09	Analyst 37	1929	88				
NR	NR	NR	NR	NR	NR	NR		Jan'09	Analyst 38	1543	70	1763	80		
NR	NR	NR	NR	NR	NR	NR		Jan'09	Analyst 39	1380	63				
NR	NR	NR	NR	NR	NR	NR		Jan'09	Analyst 40	1653	75	1962	89	2424	110
NR	NR	NR	NR	NR	NR	NR		Jan'09	Analyst 41	1663	75	1873	85		
NR	NR	NR	NR	NR	NR	NR		Jan'09	Analyst 42	1609	73	1609	73		
NR	NR	NR	NR	NR	NR	NR		Jan'09	Analyst 43	1653	75	1984	90	2685	130
NR	NR	NR	NR	NR	NR	NR		Jan'09	Analyst 44	1600	73				
NR	NR	NR	NR	NR	NR	NR		Jan'09	Analyst 45	2074	94				
NR	NR	NR	NR	NR	NR	NR		Jan'09	Analyst 46	1643	70				
NR	NR	NR	NR	NR	NR	NR		Jan'09	Analyst 47	1609	73	1631	74		
NR	NR	NR	NR	NR	NR	NR		Jan'08	Analyst 48	1382	62				
4	3	1	1	11	10	22	9.0	Jan'09	Analyst 49	1643	70	1873	85	2204	100
NR	NR	NR	NR	NR	NR	NR		Jan'09	Analyst 50	1763	80	2093	95		
NR	NR	NR	NR	28	22	9	9.0	Jan'09	Analyst 51	2228	101				
NR	NR	NR	NR	2	20	1		Jan'09	Analyst 52	2314	105	2865	130		
NR	NR	NR	NR	35	12	NR	18.3	Jan'09	Analyst 53	1763	80	1984	90	2425	110
NR	NR	NR	NR	NR	NR	NR		Jan'09	Analyst 54	1675	76	1999	91		
NR	NR	NR	NR	6	19	33		Jan'09	Analyst 55	1322	60	1543	70		
NR	NR	NR	NR	NR	NR	NR		Jan'09	Analyst 56	1543	70	1653	75		
NR	NR	NR	NR	NR	NR	NR		Jan'09	Analyst 57	1550	70				
NR	NR	NR	NR	NR	NR	NR		Jan'09	Analyst 58	1433	65	1653	75		
NR	NR	NR	NR	NR	NR	NR		Jan'09	Analyst 59	1585	71	1895	88		

Source: HARBOR Intelligence with internal database

HARBOR's MONTHLY ALUMINUM PRICE FORECAST IN VARIOUS CURRENCIES

(EUROS AND YENS)

FORECAST IN EUROS €

[illegible]	Upside Scenario	Realistic Scenario	Downside Scenario
Jan '08	1,659	1,659	1,659
Feb	1,881	1,881	1,881
Mar	1,920	1,920	1,920
Apr	1,879	1,879	1,879
May	1,866	1,866	1,866
Jun	1,899	1,899	1,899
Jul	1,951	1,951	1,951
Aug	1,848	1,848	1,848
Sep	1,758	1,758	1,758
Oct	1,596	1,598	1,596
Nov	1,456	1,456	1,456
Dec	1,105	1,105	1,105
Jan '09	1,065	1,066	1,065
Feb	1,038	1,038	1,038
Mar	1,021	1,021	1,021
Apr	1,135	1,045	893
May	1,231	1,074	893
Jun	1,494	1,213	815
Jul	1,613	1,213	903
Aug	1,750	1,304	972
Sep	1,750	1,304	1,111
Oct	2,000	1,357	1,111
Nov	1,848	1,429	1,111
Dec	2,000	1,429	1,111
'08	1,735	1,735	1,735
'09	1,495	1,208	1,012

FORECAST IN YENS ¥

[illegible]	Upside Scenario	Realistic Scenario	Downside Scenario
Jan '08	259,844	259,844	259,844
Feb	287,899	287,899	287,899
Mar	300,395	300,395	300,395
Apr	304,109	304,109	304,109
May	302,754	302,754	302,754
Jun	315,849	315,849	315,849
Jul	328,564	328,564	328,564
Aug	302,245	302,245	302,245
Sep	269,140	269,140	269,140
Oct	212,233	212,233	212,233
Nov	179,237	179,237	179,237
Dec	136,256	136,256	136,256
Jan '09	127,684	127,684	127,684
Feb	123,331	123,331	123,331
Mar	130,456	130,456	130,456
Apr	154,875	140,000	118,750
May	178,000	152,250	125,000
Jun	203,720	173,250	130,000
Jul	230,000	181,500	136,500
Aug	249,900	205,200	152,600
Sep	254,100	208,800	177,800
Oct	292,800	222,300	179,200
Nov	295,200	236,000	180,800
Dec	319,800	236,000	180,800
'08	266,544	266,544	266,544
'09	213,156	178,064	148,893

Source: HARBOR Intelligence

IEU OHIO Ex. 4

Response to INT 1-6

	Midwest Transaction Monthly Average		LME Cash Monthly Average	
	$/lb	$/MT	$/lb	$/MT
Jan-10	1.070	2359.098	1.014	2234.838
Feb-10	0.989	2179.818	0.929	2048.575
Mar-10	1.062	2340.645	1.000	2205.207
Apr-10	1.114	2454.955	1.051	2316.400
May-10	0.991	2183.830	0.925	2040.145
Jun-10	0.941	2074.680	0.876	1931.023
Jul-10	0.967	2131.581	0.902	1987.784
Aug-10	1.025	2259.978	0.961	2117.607
Sep-10	1.045	2303.189	0.981	2161.977
Oct-10	1.128	2486.569	1.064	2346.071
Nov-10	1.121	2471.357	1.058	2332.614
Dec-10	1.128	2487.363	1.066	2350.095
Jan-11	1.169	2576.319	1.106	2439.125
Feb-11	1.201	2648.123	1.137	2507.750
Mar-11	1.223	2697.198	1.158	2552.185
Apr-11	1.284	2829.850	1.208	2662.292
May-11	1.263	2783.708	1.176	2591.675
Jun-11	1.244	2742.503	1.159	2555.034
Jul-11	1.223	2695.677	1.139	2511.595
Aug-11	1.166	2570.829	1.085	2392.159
Sep-11	1.122	2474.443	1.042	2296.307
Oct-11	1.067	2351.426	0.985	2171.845
Nov-11	1.020	2248.360	0.940	2073.148
Dec-11	0.992	2187.115	0.917	2021.475
Jan-12	1.047	2308.854	0.972	2143.821
Feb-12	1.080	2381.034	1.000	2203.548
Mar-12	1.077	2374.596	0.990	2182.591
Apr-12	1.021	2251.027	0.928	2046.184
May-12	1.005	2216.216	0.907	2000.159
Jun-12	0.956	2108.190	0.855	1884.500
Jul-12	0.956	2108.036	0.850	1873.830
Aug-12	0.942	2077.127	0.834	1837.716
Sep-12	1.042	2296.376	0.931	2053.488
Oct-12	1.006	2218.840	0.896	1974.870
Nov-12	0.992	2185.903	0.881	1942.739
Dec-12	1.055	2326.822	0.946	2086.303
Jan-13	1.035	2282.796	0.924	2037.705
Feb-13	1.045	2302.924	0.931	2053.138
Mar-13	0.982	2164.959	0.868	1912.775
Apr-13	0.957	2108.962	0.842	1856.238
May-13	0.945	2083.785	0.830	1830.262
Jun-13	0.941	2074.040	0.824	1816.000
Jul-13	0.920	2028.118	0.802	1767.359

IEU Ex. 7

IEU-Ohio Ex. 3

CAP

12%

Edison Electric Institute
Typical Net Monthly Bills
August 2012

Columbus Southern Rate Zone

RESIDENTIAL - RR1						
Bill Calculations		Rate Schedule Charges		100 kWh	250 kWh	500 kWh
Customer Charge	$/mo.	4.52	D	$4.52	$4.52	$4.52
*Energy Charges						
First 800 kWh	$/kWh	0.0206769	G	2.07	5.17	10.34
	$/kWh	0.0274267	D	2.74	6.86	13.71
Over 800 kWh	$/kWh	0.0000000	G	0	0	0
	$/kWh	0.0057028	D	0	0	0
Subtotal			G	$2.07	$5.17	$10.34
			D	$7.26	$11.38	$18.23
Universal Service Fund	$/kWh	0.0028680	D	0.29	0.72	1.43
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	0.47	1.16	2.33
(Next 13,000)	$/kWh	0.00419	D	0.00	0.00	0.00
(Over 15,000)	$/kWh	0.00363	D	0.00	0.00	0.00
Provider of Last Resort Chg.	$/kWh	0.0000000	D	0.00	0.00	0.00
Phase-In Deferral	$/kWh	0.0000000	D	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0103699	T	1.04	2.59	5.18
Fuel Adjustment Clause	$/kWh	0.0408994	G	4.09	10.22	20.45
SEET Credit Rider	$/kWh	0.0000000	G	0.00	0.00	0.00
Environmental Rider	%	0.0878602	G	0.18	0.45	0.91
EE&PDR Cost Recovery Rider	$/kWh	0.0028415	D	0.28	0.71	1.42
Econ Dev Cost Recovery Rider	%	10.08734%	D	0.73	1.15	1.84
Distribution Asset Recovery Rider	%	8.50120%	D	0.62	0.97	1.55
Residential Credit Rider	%	-3.58070%	D	(0.26)	(0.41)	(0.65)
Enhanced Service Reliability Rider	%	3.94187%	D	0.29	0.45	0.72
gridSMART^{SM} Rider	$/mo.	0.52	D	0.52	0.52	0.52
Total G				6.34	15.84	31.70
Total T				1.04	2.59	5.18
Total D				10.20	16.65	27.39
Total Bill				$17.58	$35.08	$64.27
				$2.11	$4.21	$7.71

* Not applicable to customers who use more than 700 kWh during the summer months.

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Edison Electric Institute
Typical Net Monthly Bills
August 2012

Columbus Southern Rate Zone

RESIDENTIAL - RR Winter Bill Calculations		Rate Schedule Charges		750 kWh	1,000 kWh	1,500 kWh	2,000 kWh	
Customer Charge	$/mo.	4.52	D	$4.52	$4.52	$4.52	$4.52	
Energy Charges								
First 800 kWh	$/kWh	0.0272515	G	20.44	21.8	21.8	21.8	
	$/kWh	0.0298899	D	22.42	23.91	23.91	23.91	
Over 800 kWh	$/kWh	0.0000000	G	0.00	0.00	0.00	0.00	
	$/kWh	0.0057028	D	0.00	1.14	3.99	6.84	
Subtotal			G	$20.44	$21.80	$21.80	$21.80	
			D	$26.94	$29.57	$32.42	$35.27	
Universal Service Fund	$/kWh	0.0028680	D	2.15	2.87	4.30	5.74	
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	
KWH Tax (First 2,000)	$/kWh	0.0046500	D	3.49	4.65	6.98	9.30	
(Next 13,000)	$/kWh	0.0041900	D	0.00	0.00	0.00	0.00	
(Over 15,000)	$/kWh	0.0036300	D	0.00	0.00	0.00	0.00	
Provider of Last Resort Chg.	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	
Phase-In Deferral	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	
Transmission Cost Recovery	$/kWh	0.0103699	T	7.78	10.37	15.55	20.74	
Environmental Rider	%	0.0878602	G	1.80	1.92	1.92	1.92	
Fuel Adjustment Clause	$/kWh	0.0408994	G	30.67	40.90	61.35	81.80	21.80
SEET Credit Rider	$/kWh	0.0000000	G	0.00	0.00	0.00	0.00	
EE&PDR Cost Recovery Rider	$/kWh	0.0028415	D	2.13	2.84	4.26	5.68	
Econ Dev Cost Recovery Rider	%	0.1008734	D	2.72	2.98	3.27	3.56	
Enhanced Service Reliability Rider	%	3.94187%	D	1.06	1.17	1.28	1.39	
Distribution Asset Recovery Rider	%	8.50120%	D	2.29	2.51	2.76	3.00	
Residential Credit Rider	%	-3.58070%	D	(0.96)	(1.06)	(1.16)	(1.26)	
gridSMART^{SM} Rider	$/mo.	0.52	D	0.52	0.52	0.52	0.52	
Total G				52.91	64.62	85.07	105.52	
Total T				7.78	10.37	15.55	20.74	
Total D				40.34	46.05	54.63	63.20	
Total Bill				$101.03	$121.04	$155.25	$189.46	
				$12.12	$14.53	$18.63	$22.74	

Bill Calculations		Rate Schedule Charges		3,000 kWh	5,000 kWh	7,500 kWh
Customer Charge	$/mo.	4.52	D	$4.52	$4.52	$4.52
Energy Charges						
First 800 kWh	$/kWh	0.0272515	G	21.8	21.8	21.8
	$/kWh	0.0298899	D	23.91	23.91	23.91
Over 800 kWh	$/kWh	0.0000000	G	0	0	0
	$/kWh	0.0057028	D	12.55	23.95	38.21
Subtotal			G	$21.80	$21.80	$21.80
			D	$40.98	$52.38	$66.64
Universal Service Fund	$/kWh	0.0028680	D	8.60	14.34	21.51
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.0046500	D	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.0041900	D	4.19	12.57	23.05
(Over 15,000)	$/kWh	0.0036300	D	0.00	0.00	0.00
Provider of Last Resort Chg.	$/kWh	0.0000000	D	0.00	0.00	0.00
Phase-In Deferral	$/kWh	0.0000000	D	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0103699	T	31.11	51.85	77.77
Environmental Rider	%	0.0878602	G	1.92	1.92	1.92
Fuel Adjustment Clause	$/kWh	0.0408994	G	122.70	204.50	306.75
SEET Credit Rider	$/kWh	0.0000000	G	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0028415	D	8.52	14.21	21.31
Econ Dev Cost Recovery Rider	%	0.1008734	D	4.13	5.28	6.72
Enhanced Service Reliability Rider	%	3.94187%	D	1.62	2.06	2.63
Distribution Asset Recovery Rider	%	8.50120%	D	3.48	4.45	5.67
Residential Credit Rider	%	-3.58070%	D	(1.47)	(1.88)	(2.39)
gridSMART^{SM} Rider	$/mo.	0.52	D	0.52	0.52	0.52
Total G				146.42	228.22	330.47
Total T				31.11	51.85	77.77
Total D				79.87	113.23	154.96
Total Bill				$257.40	$393.30	$563.20
				$30.89	$47.20	$67.58

Edison Electric Institute
Typical Net Monthly Bills
August 2012

Columbus Southern Rate Zone

RESIDENTIAL - RR Summer Bill Calculations		Rate Schedule Charges		750 kWh	1,000 kWh	1,500 kWh	2,000 kWh	
Customer Charge	$/mo.	4.52	D	$4.52	$4.52	$4.52	$4.52	
Energy Charges								
First 800 kWh	$/kWh	0.0272515	G	20.44	21.8	21.8	21.8	
	$/kWh	0.0298899	D	22.42	23.91	23.91	23.91	
Over 800 kWh	$/kWh	0.0272515	G	0.00	5.45	19.08	32.70	
	$/kWh	0.0298899	D	0.00	5.98	20.92	35.87	
Subtotal			G	$20.44	$27.25	$40.88	$54.50	
			D	$26.94	$34.41	$49.35	$64.30	
Universal Service Fund	$/kWh	0.0028680	D	2.15	2.87	4.30	5.74	
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	
KWH Tax (First 2,000)	$/kWh	0.0046500	D	3.49	4.65	6.98	9.30	
(Next 13,000)	$/kWh	0.0041900	D	0.00	0.00	0.00	0.00	
(Over 15,000)	$/kWh	0.0036300	D	0.00	0.00	0.00	0.00	
Provider of Last Resort Chg.	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	
Phase-In Deferral	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	
Transmission Cost Recovery	$/kWh	0.0103699	T	7.78	10.37	15.55	20.74	
Environmental Rider	%	0.0878602	G	1.80	2.39	3.59	4.79	
Fuel Adjustment Clause	$/kWh	0.0408994	G	30.67	40.90	61.35	81.80	27.25
SEET Credit Rider	$/kWh	0.0000000	G	0.00	0.00	0.00	0.00	
EE&PDR Cost Recovery Rider	$/kWh	0.0028415	G	2.13	2.84	4.26	5.68	
Econ Dev Cost Recovery Rider	%	0.1008734	D	2.72	3.47	4.98	6.49	
Enhanced Service Reliability Rider	%	3.94187%	D	1.06	1.36	1.95	2.53	
Distribution Asset Recovery Rider	%	8.50120%	D	2.29	2.93	4.20	5.47	
Residential Credit Rider	%	-3.58070%	D	(0.96)	(1.23)	(1.77)	(2.30)	
gridSMART^{SM} Rider	$/mo.	0.52	D	0.52	0.52	0.52	0.52	
Total G				52.91	70.54	105.82	141.09	
Total T				7.78	10.37	15.55	20.74	
Total D				40.34	51.82	74.77	97.73	
Total Bill				$101.03	$132.73	$196.14	$259.56	
				$12.12	$15.93	$23.54	$31.15	

Bill Calculations		Rate Schedule Charges		3,000 kWh	5,000 kWh	7,500 kWh
Customer Charge	$/mo.	4.52	D	$4.52	$4.52	$4.52
Energy Charges						
First 800 kWh	$/kWh	0.0272515	G	21.8	21.8	21.8
	$/kWh	0.0298899	D	23.91	23.91	23.91
Over 800 kWh	$/kWh	0.0272515	G	59.95	114.46	182.59
	$/kWh	0.0298899	D	65.76	125.54	200.26
Subtotal			G	$81.75	$136.26	$204.39
			D	$94.19	$153.97	$228.69
Universal Service Fund	$/kWh	0.0028680	D	8.60	14.34	21.51
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.0046500	D	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.0041900	D	4.19	12.57	23.05
(Over 15,000)	$/kWh	0.0036300	D	0.00	0.00	0.00
Provider of Last Resort Chg.	$/kWh	0.0000000	D	0.00	0.00	0.00
Phase-In Deferral	$/kWh	0.0000000	D	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0103699	T	31.11	51.85	77.77
Environmental Rider	%	0.0878602	G	7.18	11.97	17.96
Fuel Adjustment Clause	$/kWh	0.0408994	T	122.70	204.50	306.75
SEET Credit Rider	$/kWh	0.0000000	G	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0028415	G	8.52	14.21	21.31
Econ Dev Cost Recovery Rider	%	0.1008734	D	9.50	15.53	23.07
Enhanced Service Reliability Rider	%	3.94187%	D	3.71	6.07	9.01
Distribution Asset Recovery Rider	%	8.50120%	D	8.01	13.09	19.44
Residential Credit Rider	%	-3.58070%	D	(3.37)	(5.51)	(8.19)
gridSMART^{SM} Rider	$/mo.	0.52	D	0.52	0.52	0.52
Total G				211.63	352.73	529.10
Total T				31.11	51.85	77.77
Total D				143.17	234.09	347.71
Total Bill				$385.91	$638.67	$954.58
				$46.31	$76.64	$114.55

Edison Electric Institute
Typical Net Monthly Bills
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Columbus Southern Rate Zone

GS1		Rate	kW	3	3	6	6
Bill Calculations		Schedule Charges	kWh	375	1,000	750	2,000
Customer Charge	$/mo.	6.47	D	6.47	6.47	6.47	6.47
Energy Charges							
First 1000 kWh	$/kWh	0.0561653	G	21.06	56.17	42.12	56.17
	$/kWh	0.0147707	D	5.54	14.77	11.08	14.77
All other kWh	$/kWh	0.0250670	G	0.00	0.00	0.00	25.07
	$/kWh	0.0147707	D	0.00	0.00	0.00	14.77
Subtotal			G	$21.06	$56.17	$42.12	$81.24
			D	$12.01	$21.24	$17.55	$36.01
Universal Service Fund	$/kWh	0.0028680	D	1.08	2.87	2.15	5.74
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.0046500	D	1.74	4.65	3.49	9.30
(Next 13,000)	$/kWh	0.0041900	D	0.00	0.00	0.00	0.00
(Over 15,000)	$/kWh	0.0036300	D	0.00	0.00	0.00	0.00
Provider of Last Resort Chg.	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00
Phase-In Deferral	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0110600	T	4.15	11.06	8.30	22.12
Environmental Rider	%	0.0878602	G	1.85	4.94	3.70	7.14
Fuel Adjustment Clause	$/kWh	0.0408994	G	15.34	40.90	30.67	81.80
SEET Credit Rider	$/kWh	0.0000000	G	0.00	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0027589	D	1.03	2.76	2.07	5.52
Econ Dev Cost Recovery Rider	%	0.1008734	D	1.21	2.14	1.77	3.63
Enhanced Service Reliability Rider	%	3.94187%	D	0.47	0.84	0.69	1.42
Distribution Asset Recovery Rider	%	8.50120%	D	1.02	1.81	1.49	3.06
gridSMART^{SM} Rider	$/mo.	2.27	D	2.27	2.27	2.27	2.27
Total G				38.25	102.01	76.49	170.18
Total T				4.15	11.06	8.30	22.12
Total D				20.83	38.58	31.48	66.95
Total Bill				$63.23	$151.65	$116.27	$259.25
				$7.59	$18.20	$13.95	$31.11

Edison Electric Institute
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August 2012

Columbus Southern Rate Zone

GS2 - Secondary Bill Calculations		Rate Schedule Charges	kW kWh	12 1,500	12 4,000	30 6,000	30 10,000	40 10,000	40 14,000
Customer Charge	$/mo.	9.04	D	$9.04	$9.04	$9.04	$9.04	$9.04	$9.04
Energy Charges	$/kWh	0.0442346	G	66.35	176.94	265.41	442.35	442.35	619.28
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	4.033	D	48.40	48.40	120.99	120.99	161.32	161.32
Subtotal			G	$66.35	$176.94	$265.41	$442.35	$442.35	$619.28
			D	$57.44	$57.44	$130.03	$130.03	$170.36	$170.36
Universal Service Fund	$/kWh	0.0028680	D	4.30	11.47	17.21	28.68	28.68	40.15
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.0046500	D	6.98	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.0041900	D	0.00	8.38	16.76	33.52	33.52	50.28
(Over 15,000)	$/kWh	0.0036300	D	0.00	0.00	0.00	0.00	0.00	0.00
Provider of Last Resort Chg.	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
Phase-In Deferral	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0058552	T	8.78	23.42	35.13	58.55	58.55	81.97
Transmission Cost Recovery	$/kW	1.9410000	T	23.29	23.29	58.23	58.23	77.64	77.64
Environmental Rider	%	0.0878602	G	5.83	15.55	23.32	38.86	38.86	54.41
Fuel Adjustment Clause	$/kWh	0.0408994	G	61.35	163.60	245.40	408.99	408.99	572.59
SEET Credit Rider	$/kWh	0.0000000	G	0.00	0.00	0.00	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0027589	D	4.14	11.04	16.55	27.59	27.59	38.6[illegible]
Econ Dev Cost Recovery Rider	%	0.1008734	D	5.79	5.79	13.12	13.12	17.18	17.1[illegible]
Enhanced Service Reliability Rider	%	3.94187%	D	2.26	2.26	5.13	5.13	6.72	6.72
Distribution Asset Recovery Rider	%	8.50120%	D	4.88	4.88	11.05	11.05	14.48	14.48
gridSMART^{SM} Rider	$/mo.	2.27	D	2.27	2.27	2.27	2.27	2.27	2.27
Total G				133.53	356.09	534.13	890.20	890.20	1246.28
Total T				32.07	46.71	93.36	116.78	136.19	159.61
Total D				88.06	112.83	221.42	260.69	310.10	349.36
Total Bill				$253.66	$515.63	$848.91	$1,267.67	$1,336.49	$1,755.25
				$30.44	$61.88	$101.87	$152.12	$160.38	$210.63

Bill Calculations		Rate Schedule Charges	kW kWh	50 12,500	50 18,000	75 15,000	150 30,000	300 60,000	500 100,000
Customer Charge	$/mo.	9.04	D	$9.04	$9.04	$9.04	$9.04	$9.04	$9.04
Energy Charges	$/kWh	0.0442346	G	552.93	796.22	663.52	1,327.04	2,654.08	4,423.46
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	4.033	D	201.65	201.65	302.48	604.95	1,209.90	2,016.50
Subtotal			G	$552.93	$796.22	$663.52	$1,327.04	$2,654.08	$4,423.46
			D	$210.69	$210.69	$311.52	$613.99	$1,218.94	$2,025.54
Universal Service Fund	$/kWh	0.0028680	D	35.85	51.62	43.02	86.04	172.08	286.80
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.0046500	D	9.30	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.0041900	D	44.00	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.0036300	D	0.00	10.89	0.00	54.45	163.35	308.55
Provider of Last Resort Chg.	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
Phase-In Deferral	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0058552	T	73.19	105.39	87.83	175.66	351.31	585.52
Transmission Cost Recovery	$/kW	1.9410000	T	97.05	97.05	145.58	291.15	582.30	970.50
Environmental Rider	%	0.0878602	G	48.58	69.96	58.30	116.59	233.19	388.65
Fuel Adjustment Clause	$/kWh	0.0408994	G	511.24	736.19	613.49	1226.98	2453.96	4089.94
SEET Credit Rider	$/kWh	0.0000000	G	0.00	0.00	0.00	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0027589	D	34.49	49.66	41.38	82.77	165.53	275.89
Econ Dev Cost Recovery Rider	%	0.1008734	D	21.25	21.25	31.42	61.94	122.96	204.32
Enhanced Service Reliability Rider	%	3.94187%	D	8.31	8.31	12.28	24.20	48.05	79.84
Distribution Asset Recovery Rider	%	8.50120%	D	17.91	17.91	26.48	52.20	103.62	172.20
gridSMART[SM] Rider	$/mo.	2.27	D	2.27	2.27	2.27	2.27	2.27	2.27
Total G				1,112.75	1,602.37	1,335.31	2,670.61	5,341.23	8,902.05
Total T				170.24	202.44	233.41	466.81	933.61	1,556.02
Total D				384.07	436.37	532.14	1,041.63	2,060.57	3,419.18
Total Bill				$1,667.06	$2,241.18	$2,100.86	$4,179.05	$8,335.41	$13,877.25
				$200.05	$268.94	$252.10	$501.49	$1,000.25	$1,665.27

Edison Electric Institute
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Columbus Southern Rate Zone

GS2 - Primary		Rate Schedule Charges	kW kWh	1,000 100,000
Bill Calculations				
Customer Charge	$/mo.	115.29	D	$115.29
Energy Charges	$/kWh	0.0434545	G	4,345.45
	$/kWh	0.0000000	D	0.00
Demand Charges	$/kW	3.183	D	3,183.00
Subtotal			G	$4,345.45
			D	$3,298.29
Universal Service Fund	$/kWh	0.0028680	D	286.80
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00
KWH Tax (First 2,000)	$/kWh	0.0046500	D	9.30
(Next 13,000)	$/kWh	0.0041900	D	54.47
(Over 15,000)	$/kWh	0.0036300	D	308.55
Provider of Last Resort Chg.	$/kWh	0.0000000	D	0.00
Phase-In Deferral	$/kWh	0.0000000	D	0.00
Transmission Cost Recovery	$/kWh	0.0056645	T	566.45
Transmission Cost Recovery	$/kW	1.8780000	T	1878.00
Environmental Rider	%	0.0878602	G	381.79
Fuel Adjustment Clause	$/kWh	0.0394806	G	3948.06
SEET Credit Rider	$/kWh	0.0000000	G	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0027589	D	275.89
Econ Dev Cost Recovery Rider	%	0.1008734	D	332.71
Enhanced Service Reliability Rider	%	3.94187%	D	130.01
Distribution Asset Recovery Rider	%	8.50120%	D	280.39
gridSMART^{SM} Rider	$/mo.	2.27	D	2.27
Total G				8,675.30
Total T				2,444.45
Total D				4,978.68
Total Bill				$16,098.43
				$1,931.81

GS3 - Secondary

Bill Calculations		Ex. kVA Rate Schedule Charges	kW kWh	75 30,000	75 50,000	100 30,000	100 36,000	150 60,000	150 100,000
Customer Charge	$/mo.	9.04	D	$9.04	$9.04	$9.04	$9.04	$9.04	$9.04
Energy Charges	$/kWh	0.0000000	G	0.00	0.00	0.00	0.00	0.00	0.00
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	9.989	G	749.18	749.18	998.90	998.90	1,498.35	1,498.35
	$/kW	4.033	D	302.48	302.48	403.30	403.30	604.95	604.95
*Excess kVa Charges	$/kVa	0.863	D	0.00	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$749.18	$749.18	$998.90	$998.90	$1,498.35	$1,498.35
			D	$311.52	$311.52	$412.34	$412.34	$613.99	$613.99
Universal Service Fund	$/kWh	0.0028680	D	86.04	143.40	86.04	103.25	172.08	286.80
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.0046500	D	9.30	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.0041900	D	54.47	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.0036300	D	54.45	127.05	54.45	76.23	163.35	308.55
Provider of Last Resort Chg.	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
Phase-in Deferral	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0038545	T	115.64	192.73	115.64	138.76	231.27	385.45
Transmission Cost Recovery	$/kW	2.0730000	T	155.48	155.48	207.30	207.30	310.95	310.95
Environmental Rider	%	0.0878602	G	65.82	65.82	87.76	87.76	131.65	131.65
Fuel Adjustment Clause	$/kWh	0.0408994	G	1226.98	2044.97	1226.98	1472.38	2453.96	4089.94
SEET Credit Rider	$/kWh	0.0000000	G	0.00	0.00	0.00	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0027589	D	82.77	137.95	82.77	99.32	165.53	275.89
Econ Dev Cost Recovery Rider	%	0.1008734	D	31.42	31.42	41.59	41.59	61.94	61.94
Enhanced Service Reliability Rider	%	3.94187%	D	12.28	12.28	16.25	16.25	24.20	24.20
Distribution Asset Recovery Rider	%	8.50120%	D	26.48	26.48	35.05	35.05	52.20	52.20
gridSMART^{SM} Rider	$/mo.	2.27	D	2.27	2.27	2.27	2.27	2.27	2.27
Total G				2,041.98	2,859.97	2,313.64	2,559.04	4,083.96	5,719.94
Total T				271.12	348.21	322.94	346.06	542.22	696.40
Total D				671.00	856.14	794.53	850.07	1,319.33	1,689.61
Total Bill				$2,984.10	$4,064.32	$3,431.11	$3,755.17	$5,945.51	$8,105.95
				$358.09	$487.72	$411.73	$450.62	$713.46	$972.71

* KVA in excess of the greater of 100 KVA or 115% of metered kW.

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Columbus Southern Rate Zone

GS3 - Secondary (Cont'd.)

Bill Calculations		Ex. kVA Rate Schedule Charges	kW kWh	300 90,000	300 120,000	300 150,000	300 200,000
Customer Charge	$/mo.	9.04	D	$9.04	$9.04	$9.04	$9.04
Energy Charges	$/kWh	0.0000000	G	0.00	0.00	0.00	0.00
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00
Demand Charges	$/kW	9.989	G	2,996.70	2,996.70	2,996.70	2,996.70
	$/kW	4.033	D	1,209.90	1,209.90	1,209.90	1,209.90
*Excess kVa Charges	$/kVa	0.863	D	0.00	0.00	0.00	0.00
Subtotal			G	$2,996.70	$2,996.70	$2,996.70	$2,996.70
			D	$1,218.94	$1,218.94	$1,218.94	$1,218.94
Universal Service Fund	$/kWh	0.0028680	D	258.12	344.16	430.20	573.60
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	272.25	381.15	490.05	671.55
Provider of Last Resort Chg.	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00
Phase-In Deferral	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0038545	T	346.91	462.54	578.18	770.90
Transmission Cost Recovery	$/kW	2.0730000	T	621.90	621.90	621.90	621.90
Environmental Rider	%	0.0878602	G	263.29	263.29	263.29	263.29
Fuel Adjustment Clause	$/kWh	0.0408994	G	3680.95	4907.93	6134.91	8179.88
SEET Credit Rider	$/kWh	0.0000000	G	0.00	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0027589	D	248.30	331.07	413.84	551.78
Econ Dev Cost Recovery Rider	%	0.1008734	D	122.96	122.96	122.96	122.96
Enhanced Service Reliability Rider	%	3.94187%	D	48.05	48.05	48.05	48.05
Distribution Asset Recovery Rider	%	8.50120%	D	103.62	103.62	103.62	103.62
gridSMART^{SM} Rider	$/mo.	2.27	D	2.27	2.27	2.27	2.27
Total G				6,940.94	8,167.92	9,394.90	11,439.87
Total T				968.81	1,084.44	1,200.08	1,392.80
Total D				2,338.28	2,615.99	2,893.70	3,356.54
Total Bill				$10,248.03	$11,868.35	$13,488.68	$16,189.21
				$1,229.76	$1,424.20	$1,618.64	$1,942.71

Bill Calculations		Ex. kVA Rate Schedule Charges	kW kWh	500 150,000	500 180,000	500 200,000	500 325,000
Customer Charge	$/mo.	9.04	D	$9.04	$9.04	$9.04	$9.04
Energy Charges	$/kWh	0.0000000	G	0.00	0.00	0.00	0.00
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00
Demand Charges	$/kW	9.989	G	4,994.50	4,994.50	4,994.50	4,994.50
	$/kW	4.033	D	2,016.50	2,016.50	2,016.50	2,016.50
*Excess kVa Charges	$/kVa	0.863	D	0.00	0.00	0.00	0.00
Subtotal			G	$4,994.50	$4,994.50	$4,994.50	$4,994.50
			D	$2,025.54	$2,025.54	$2,025.54	$2,025.54
Universal Service Fund	$/kWh	0.0028680	D	430.20	516.24	573.60	932.10
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	490.05	598.95	671.55	1125.30
Provider of Last Resort Chg.	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00
Phase-In Deferral	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0038545	T	578.18	693.81	770.90	1252.71
Transmission Cost Recovery	$/kW	2.0730000	T	1036.50	1036.50	1036.50	1036.50
Environmental Rider	%	0.0878602	G	438.82	438.82	438.82	438.82
Fuel Adjustment Clause	$/kWh	0.0408994	G	6134.91	7361.89	8179.88	13292.31
SEET Credit Rider	$/kWh	0.0000000	G	0.00	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0027589	D	413.84	496.60	551.78	896.64
Econ Dev Cost Recovery Rider	%	0.1008734	D	204.32	204.32	204.32	204.32
Enhanced Service Reliability Rider	%	3.94187%	D	79.84	79.84	79.84	79.84
Distribution Asset Recovery Rider	%	8.50120%	D	172.20	172.20	172.20	172.20
gridSMART[SM] Rider	$/mo.	2.27	D	2.27	2.27	2.27	2.27
Total G				11,568.23	12,795.21	13,613.20	18,725.63
Total T				1,614.68	1,730.31	1,807.40	2,289.21
Total D				3,882.03	4,159.73	4,344.87	5,501.98
Total Bill				$17,064.94	$18,685.25	$19,765.47	$26,516.82
				$2,047.79	$2,242.23	$2,371.86	$3,182.02

* KVA in excess of the greater of 100 KVA or 115% of metered kW.

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Edison Electric Institute
Typical Net Monthly Bills
August 2012

Columbus Southern Rate Zone

GS3 - Primary		Ex. kVA Rate Schedule Charges	kW kWh	1,000 300,000	1,000 360,000	1,000 400,000	1,000 650,000
Bill Calculations							
Customer Charge	$/mo.	115.29	D	$115.29	$115.29	$115.29	$115.29
Energy Charges	$/kWh	0.0000721	G	21.63	25.96	28.84	46.87
		0.0000000	D	0.00	0.00	0.00	0.00
Demand Charges	$/kW	9.662	G	9,662.00	9,662.00	9,662.00	9,662.00
	$/kW	3.183	D	3,183.00	3,183.00	3,183.00	3,183.00
*Excess kVa Charges	$/kVa	0.835	D	0.00	0.00	0.00	0.00
Subtotal			G	$9,683.63	$9,687.96	$9,690.84	$9,708.87
			D	$3,298.29	$3,298.29	$3,298.29	$3,298.29
Universal Service Fund	$/kWh	0.0028680	D	860.40	1032.48	1147.20	1864.20
Advanced Energy Fund Rider	*$/mo.*	*0.0000000*	*D*	*0.00*	*0.00*	*0.00*	*0.00*
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	1034.55	1252.35	1397.55	2305.05
Provider of Last Resort Chg.	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00
Phase-In Deferral	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0037289	T	1118.67	1342.40	1491.56	2423.79
Transmission Cost Recovery	$/kW	2.0050000	T	2005.00	2005.00	2005.00	2005.00
Environmental Rider	%	0.0878602	G	850.81	851.19	851.44	853.02
Fuel Adjustment Clause	$/kWh	0.0394806	G	11844.18	14213.02	15792.24	25662.39
SEET Credit Rider	$/kWh	0.0000000	G	0.00	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0027589	D	827.67	993.20	1103.56	1793.29
Econ Dev Cost Recovery Rider	%	0.1008734	D	332.71	332.71	332.71	332.71
Enhanced Service Reliability Rider	%	3.94187%	D	130.01	130.01	130.01	130.01
Distribution Asset Recovery Rider	%	8.50120%	D	280.39	280.39	280.39	280.39
gridSMART^{SM} Rider	$/mo.	2.27	D	2.27	2.27	2.27	2.27
Total G				22,378.62	24,752.17	26,334.52	36,224.28
Total T				3,123.67	3,347.40	3,496.56	4,428.79
Total D				6,830.06	7,385.47	7,755.75	10,069.98
Total Bill				$32,332.35	$35,485.04	$37,586.83	$50,723.05
				$3,879.88	$4,258.21	$4,510.42	$6,086.77

GS4

Bill Calculations		Rate Schedule Charges	kVAR kVA kW kWh	 5,000 5,000 1,500,000	 5,000 5,000 2,500,000	 5,000 5,000 3,250,000
Customer Charge	$/mo.	1060.00	D	$1,060.00	$1,060.00	$1,060.00
Energy Charges	$/kWh	0.0000000	G	0.00	0.00	0.00
		0.0000000	D	0.00	0.00	0.00
*Excess kVar Charges	$/kVa	0.480	D	0.00	0.00	0.00
Demand Charges						
First 3000 kVa	$/kVa	10.030	G	30,090.00	30,090.00	30,090.00
	$/kVa	0.000	D	0.00	0.00	0.00
Over 3000 kVa	$/kVa	4.235	G	8,470.00	8,470.00	8,470.00
	$/kVa	0.000	D	0.00	0.00	0.00
Subtotal			G	$38,560.00	$38,560.00	$38,560.00
			D	$1,060.00	$1,060.00	$1,060.00
Univ. Serv. Fund < 833,000 KWH	$/kWh	0.0028680	D	2,389.04	2,389.04	2,389.04
Univ. Serv. Fund > 833,000 KWH	$/kWh	0.0001830	D	122.06	305.06	442.31
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	5,390.55	9,020.55	11,743.05
Provider of Last Resort Chg.	$/kWh	0.0000000	D	0.00	0.00	0.00
Phase-in Deferral	$/kWh	0.0000000	D	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0025694	T	3,854.10	6,423.50	8,350.55
Transmission Cost Recovery	$/kVa	2.5070000	T	12,535.00	12,535.00	12,535.00
Environmental Rider	%	0.0878602	G	3,387.89	3,387.89	3,387.89
Fuel Adjustment Clause	$/kWh	0.0386940	G	58,041.00	96,735.00	125,755.50
SEET Credit Rider	$/kWh	0.0000000	G	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0004108	D	616.20	1,027.00	1,335.10
Econ Dev Cost Recovery Rider	%	0.1008734	D	106.93	106.93	106.93
Enhanced Service Reliability Rider	%	3.94187%	D	41.78	41.78	41.78
Distribution Asset Recovery Rider	%	8.50120%	D	90.11	90.11	90.11
gridSMART^{SM} Rider	$/mo.	2.27	D	2.27	2.27	2.27
Total G				99,988.89	138,682.89	167,703.39
Total T				16,389.10	18,958.50	20,885.55
Total D				9,882.71	14,106.51	17,274.36
Total Bill				$126,260.70	$171,747.90	$205,863.30
				$15,151.28	$20,609.75	$24,703.60

* *KVA in excess of the greater of 100 KVA or 115% of metered kW.*

Edison Electric Institute
Typical Net Monthly Bills
August 2012

Columbus Southern Rate Zone

GS4 (Cont'd.)

Bill Calculations		Rate Schedule Charges	KVA / kW / kWh	10,000 / 10,000 / 3,000,000	10,000 / 10,000 / 5,000,000	10,000 / 10,000 / 6,500,000	20,000 / 20,000 / 6,000,000	20,000 / 20,000 / 10,000,000
Customer Charge	$/mo.	1060.00	D	$1,060.00	$1,060.00	$1,060.00	$1,060.00	$1,060.00
Energy Charges	$/kWh	0.0000000	G	0.00	0.00	0.00	0.00	0.00
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
*Excess kVar Charges	$/kVa	0.480	D	0.00	0.00	0.00	0.00	0.00
Demand Charges								
First 3000 kVa	$/kVa	10.030	G	30,090.00	30,090.00	30,090.00	30,090.00	30,090.00
	$/kVa	0.000	D	0.00	0.00	0.00	0.00	0.00
Over 3000 kVa	$/kVa	4.235	G	29,645.00	29,645.00	29,645.00	71,995.00	71,995.00
	$/kVa	0.000	D	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$59,735.00	$59,735.00	$59,735.00	$102,085.00	$102,085.00
			D	$1,060.00	$1,060.00	$1,060.00	$1,060.00	$1,060.00
Univ. Serv. Fund < 833,000 KWH	$/kWh	0.0028680	D	2,389.04	2,389.04	2,389.04	2,389.04	2,389.04
Univ. Serv. Fund > 833,000 KWH	$/kWh	0.0001830	D	396.56	762.56	1,037.06	945.56	1,677.56
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	10,835.55	18,095.55	23,540.55	21,725.55	36,245.55
Provider of Last Resort Chg.	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Phase-In Deferral	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0025694	T	7,708.20	12,847.00	16,701.10	15,416.40	25,694.00
Transmission Cost Recovery	$/kVa	2.5070000	T	25,070.00	25,070.00	25,070.00	50,140.00	50,140.00
Environmental Rider	%	0.0878602	G	5,248.33	5,248.33	5,248.33	8,969.21	8,969.21
Fuel Adjustment Clause	$/kWh	0.0386940	G	116,082.00	193,470.00	251,511.00	232,164.00	386,940.00
SEET Credit Rider	$/kWh	0.0000000	G	0.00	0.00	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0004108	D	1,232.40	2,054.00	2,670.20	2,464.80	4,108.00
Econ Dev Cost Recovery Rider	%	0.1008734	D	106.93	106.93	106.93	106.93	106.93
Enhanced Service Reliability Rider	%	3.94187%	D	41.78	41.78	41.78	41.78	41.78
Distribution Asset Recovery Rider	%	8.50120%	D	90.11	90.11	90.11	90.11	90.11
gridSMART^{SM} Rider	$/mo.	2.27	D	2.27	2.27	2.27	2.27	2.27
Total G				181,065.33	258,453.33	316,494.33	343,218.21	497,994.21
Total T				32,778.20	37,917.00	41,771.10	65,556.40	75,834.00
Total D				16,218.41	24,666.01	31,001.71	28,889.81	45,785.01
Total Bill				$230,061.94	$321,036.34	$389,267.14	$437,664.42	$619,613.22
				$27,607.43	$38,524.36	$46,712.06	$52,519.73	$74,353.59

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Bill Calculations		Rate Schedule Charges	kVAR kVA kW kWh	20,000 20,000 13,000,000	50,000 50,000 15,000,000	50,000 50,000 25,000,000	50,000 50,000 32,500,000
Customer Charge	$/mo.	1060.00	D	$1,060.00	$1,060.00	$1,060.00	$1,060.00
Energy Charges	$/kWh	0.0000000	G	0.00	0.00	0.00	0.00
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00
*Excess kVar Charges	$/kVa	0.480	D	0.00	0.00	0.00	0.00
Demand Charges							
First 3000 kVa	$/kVa	10.030	G	30,090.00	30,090.00	30,090.00	30,090.00
	$/kVa	0.000	D	0.00	0.00	0.00	0.00
Over 3000 kVa	$/kVa	4.235	G	71,995.00	199,045.00	199,045.00	199,045.00
	$/kVa	0.000	D	0.00	0.00	0.00	0.00
Subtotal			G	$102,085.00	$229,135.00	$229,135.00	$229,135.00
			D	$1,060.00	$1,060.00	$1,060.00	$1,060.00
Univ. Serv. Fund < 833,000 KWH	$/kWh	0.0028680	D	2,389.04	2,389.04	2,389.04	2,389.04
Univ. Serv. Fund > 833,000 KWH	$/kWh	0.0001830	D	2,226.56	2,592.56	4,422.56	5,795.06
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	47,135.55	54,395.55	90,695.55	117,920.55
Provider of Last Resort Chg.	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00
Phase-In Deferral	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0025694	T	33,402.20	38,541.00	64,235.00	83,505.50
Transmission Cost Recovery	$/kVa	2.5070000	T	50,140.00	125,350.00	125,350.00	125,350.00
Environmental Rider	%	0.0878602	G	8,969.21	20,131.85	20,131.85	20,131.85
Fuel Adjustment Clause	$/kWh	0.0386940	G	503,022.00	580,410.00	967,350.00	1,257,555.00
SEET Credit Rider	$/kWh	0.0000000	G	0.00	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0004108	D	5,340.40	6,162.00	10,270.00	13,351.00
Econ Dev Cost Recovery Rider	%	0.1008734	D	106.93	106.93	106.93	106.93
Enhanced Service Reliability Rider	%	3.94187%	D	41.78	41.78	41.78	41.78
Distribution Asset Recovery Rider	%	8.50120%	D	90.11	90.11	90.11	90.11
gridSMART^{SM} Rider	$/mo.	2.27	D	2.27	2.27	2.27	2.27
Total G				614,076.21	829,676.85	1,216,616.85	1,506,821.85
Total T				83,542.20	163,891.00	189,585.00	208,855.50
Total D				58,456.41	66,904.01	109,142.01	140,820.51
Total Bill				$756,074.82	$1,060,471.86	$1,515,343.86	$1,856,497.86
				$90,728.98	$127,256.62	$181,841.26	$222,779.74

IEU Ex. 8

IEU-Ohio Ex. 8

Edison Electric Institute
Typical Net Monthly Bills
Current Rates

Columbus Southern Rate Zone

RESIDENTIAL - RR1

Bill Calculations		Rate Schedule Charges		100 kWh	250 kWh	500 kWh
Customer Charge	$/mo.	4.52	D	$4.52	$4.52	$4.52
*Energy Charges						
First 800 kWh	$/kWh	0.0224936	G	2.25	5.62	11.25
	$/kWh	0.0274267	D	2.74	6.86	13.71
Over 800 kWh	$/kWh	0.0000000	G	0	0	0
	$/kWh	0.0057028	D	0	0	0
Subtotal			G	$2.25	$5.62	$11.25
			D	$7.26	$11.38	$18.23
Universal Service Fund	$/kWh	0.0046813	D	0.47	1.17	2.34
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	0.47	1.16	2.33
(Next 13,000)	$/kWh	0.00419	D	0.00	0.00	0.00
(Over 15,000)	$/kWh	0.00363	D	0.00	0.00	0.00
Retail Stability Rider	$/kWh	0.0046509	D	0.47	1.16	2.33
Phase-In Deferral	$/kWh	0.0000680	D	0.01	0.02	0.03
Transmission Cost Recovery	$/kWh	0.0115708	T	1.16	2.89	5.79
Transmission Under-Recovery	$/kWh	0.0003295	T	0.03	0.08	0.16
Fuel Adjustment Clause	$/kWh	0.0449242	G	4.49	11.23	22.46
Distribution Investment Rider	%	0.1116685	D	0.81	1.27	2.04
AER	$/kWh	0.0009709	G	0.10	0.24	0.49
EE&PDR Cost Recovery Rider	$/kWh	0.0028902	D	0.29	0.72	1.45
Econ Dev Cost Recovery Rider	%	13.05465%	D	0.95	1.49	2.38
Distribution Asset Recovery Rider	%	8.50120%	D	0.62	0.97	1.55
Residential Credit Rider	%	-3.58070%	D	(0.26)	(0.41)	(0.65)
Enhanced Service Reliability Rider	%	5.30956%	D	0.39	0.60	0.97
gridSMART^{SM} Rider	$/mo.	0.10	D	0.10	0.10	0.10
Total G				6.84	17.09	34.20
Total T				1.19	2.97	5.95
Total D				11.58	19.63	33.09
Total Bill				$19.61	$39.69	$73.24

* Not applicable to customers who use more than 700 kWh during the summer months.

Edison Electric Institute
Typical Net Monthly Bills
Current Rates

Columbus Southern Rate Zone

RESIDENTIAL - RR Winter Bill Calculations		Rate Schedule Charges		750 kWh	1,000 kWh	1,500 kWh	2,000 kWh
Customer Charge	$/mo.	4.52	D	$4.52	$4.52	$4.52	$4.52
Energy Charges							
First 800 kWh	$/kWh	0.0296458	G	22.23	23.72	23.72	23.72
	$/kWh	0.0298899	D	22.42	23.91	23.91	23.91
Over 800 kWh	$/kWh	0.0000000	G	0.00	0.00	0.00	0.00
	$/kWh	0.0057028	D	0.00	1.14	3.99	6.84
Subtotal			G	$22.23	$23.72	$23.72	$23.72
			D	$26.94	$29.57	$32.42	$35.27
Universal Service Fund	$/kWh	0.0046813	D	3.51	4.68	7.02	9.36
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.0046500	D	3.49	4.65	6.98	9.30
(Next 13,000)	$/kWh	0.0041900	D	0.00	0.00	0.00	0.00
(Over 15,000)	$/kWh	0.0036300	D	0.00	0.00	0.00	0.00
Retail Stability Rider	$/kWh	0.0046509	D	3.49	4.65	6.98	9.30
Phase-In Deferral	$/kWh	0.0000680	D	0.05	0.07	0.10	0.14
Transmission Cost Recovery	$/kWh	0.0115708	T	8.68	11.57	17.36	23.14
Transmission Under-Recovery	$/kWh	0.0003295	T	0.25	0.33	0.49	0.66
AER	$/kWh	0.0009709	G	0.73	0.97	1.46	1.94
Fuel Adjustment Clause	$/kWh	0.0449242	G	33.69	44.92	67.39	89.85
Distribution Investment Rider	%	0.1116685	D	3.01	3.30	3.62	3.94
EE&PDR Cost Recovery Rider	$/kWh	0.0028902	D	2.17	2.89	4.34	5.78
Econ Dev Cost Recovery Rider	%	0.1305465	D	3.52	3.86	4.23	4.60
Enhanced Service Reliability Rider	%	5.30956%	D	1.43	1.57	1.72	1.87
Distribution Asset Recovery Rider	%	8.50120%	D	2.29	2.51	2.76	3.00
Residential Credit Rider	%	-3.58070%	D	(0.96)	(1.06)	(1.16)	(1.26)
gridSMART^{SM} Rider	$/mo.	0.10	D	0.10	0.10	0.10	0.10
Total G				56.65	69.6109	92.57	115.51
Total T				8.93	11.90	17.85	23.80
Total D				49.04	56.80	69.11	81.40
Total Bill				$114.62	$138.31	$179.52	$220.71

Bill Calculations		Rate Schedule Charges		3,000 kWh	5,000 kWh	7,500 kWh
Customer Charge	$/mo.	4.52	D	$4.52	$4.52	$4.52
Energy Charges						
First 800 kWh	$/kWh	0.0296458	G	23.72	23.72	23.72
	$/kWh	0.0298899	D	23.91	23.91	23.91
Over 800 kWh	$/kWh	0.0000000	G	0	0	0
	$/kWh	0.0057028	D	12.55	23.95	38.21
Subtotal			G	$23.72	$23.72	$23.72
			D	$40.98	$52.38	$66.64
Universal Service Fund	$/kWh	0.0046813	D	14.04	23.41	35.11
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.0046500	D	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.0041900	D	4.19	12.57	23.05
(Over 15,000)	$/kWh	0.0036300	D	0.00	0.00	0.00
Retail Stability Rider	$/kWh	0.0046509	D	13.95	23.25	34.88
Phase-In Deferral	$/kWh	0.0000680	D	0.20	0.34	0.51
Transmission Cost Recovery	$/kWh	0.0115708	T	34.71	57.85	86.78
Transmission Under-Recovery	$/kWh	0.0003295	T	0.99	1.65	2.47
AER	$/kWh	0.0009709	G	2.91	4.85	7.28
Fuel Adjustment Clause	$/kWh	0.0449242	G	134.77	224.62	336.93
Distribution Investment Rider	%	0.1116685	D	4.58	5.85	7.44
EE&PDR Cost Recovery Rider	$/kWh	0.0028902	D	8.67	14.45	21.68
Econ Dev Cost Recovery Rider	%	0.1305465	D	5.35	6.84	8.70
Enhanced Service Reliability Rider	%	5.30956%	D	2.18	2.78	3.54
Distribution Asset Recovery Rider	%	8.50120%	D	3.48	4.45	5.67
Residential Credit Rider	%	-3.58070%	D	(1.47)	(1.88)	(2.39)
gridSMART[SM] Rider	$/mo.	0.10	D	0.10	0.10	0.10
Total G				161.40	253.19	367.93
Total T				35.70	59.50	89.25
Total D				105.55	153.84	214.23
Total Bill				$302.66	$466.54	$671.41

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Edison Electric Institute
Typical Net Monthly Bills
Current Rates

Columbus Southern Rate Zone

RESIDENTIAL - RR Summer Bill Calculations		Rate Schedule Charges		750 kWh	1,000 kWh	1,500 kWh	2,000 kWh
Customer Charge	$/mo.	4.52	D	$4.52	$4.52	$4.52	$4.52
Energy Charges							
First 800 kWh	$/kWh	0.0296458	G	22.23	23.72	23.72	23.72
	$/kWh	0.0298899	D	22.42	23.91	23.91	23.91
Over 800 kWh	$/kWh	0.0296458	G	0.00	5.93	20.75	35.57
	$/kWh	0.0298899	D	0.00	5.98	20.92	35.87
Subtotal			G	$22.23	$29.65	$44.47	$59.29
			D	$26.94	$34.41	$49.35	$64.30
Universal Service Fund	$/kWh	0.0046813	D	3.51	4.68	7.02	9.36
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.0046500	D	3.49	4.65	6.98	9.30
(Next 13,000)	$/kWh	0.0041900	D	0.00	0.00	0.00	0.00
(Over 15,000)	$/kWh	0.0036300	D	0.00	0.00	0.00	0.00
Retail Stability Rider	$/kWh	0.0046509	D	3.49	4.65	6.98	9.30
Phase-In Deferral	$/kWh	0.0000680	D	0.05	0.07	0.10	0.14
Transmission Cost Recovery	$/kWh	0.0115708	T	8.68	11.57	17.36	23.14
Transmission Under-Recovery	$/kWh	0.0003295	T	0.25	0.33	0.49	0.66
AER	$/kWh	0.0009709	G	0.73	0.97	1.46	1.94
Fuel Adjustment Clause	$/kWh	0.0449242	G	33.69	44.92	67.39	89.85
Distribution Investment Rider	%	0.1116685	D	3.01	3.84	5.51	7.18
EE&PDR Cost Recovery Rider	%	0.0028902	D	2.17	2.89	4.34	5.78
Econ Dev Cost Recovery Rider	%	0.1305465	D	3.52	4.49	6.44	8.39
Enhanced Service Reliability Rider	%	5.30956%	D	1.43	1.83	2.62	3.41
Distribution Asset Recovery Rider	%	8.50120%	D	2.29	2.93	4.20	5.47
Residential Credit Rider	%	-3.58070%	D	(0.96)	(1.23)	(1.77)	(2.30)
gridSMART^{SM} Rider	$/mo.	0.10	D	0.10	0.10	0.10	0.10
Total G				56.65	75.54	113.32	151.08
Total T				8.93	11.90	17.85	23.80
Total D				49.04	63.31	91.87	120.43
Total Bill				$114.62	$150.75	$223.03	$295.31

Bill Calculations		Rate Schedule Charges		3,000 kWh	5,000 kWh	7,500 kWh
Customer Charge	$/mo.	4.52	D	$4.52	$4.52	$4.52
Energy Charges						
First 800 kWh	$/kWh	0.0296458	G	23.72	23.72	23.72
	$/kWh	0.0298899	D	23.91	23.91	23.91
Over 800 kWh	$/kWh	0.0296458	G	65.22	124.51	198.63
	$/kWh	0.0298899	D	65.76	125.54	200.26
Subtotal			G	$88.94	$148.23	$222.35
			D	$94.19	$153.97	$228.69
Universal Service Fund	$/kWh	0.0046813	D	14.04	23.41	35.11
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.0046500	D	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.0041900	D	4.19	12.57	23.05
(Over 15,000)	$/kWh	0.0036300	D	0.00	0.00	0.00
Retail Stability Rider	$/kWh	0.0046509	D	13.95	23.25	34.88
Phase-In Deferral	$/kWh	0.0000680	D	0.20	0.34	0.51
Transmission Cost Recovery	$/kWh	0.0115708	T	34.71	57.85	86.78
Transmission Under-Recovery	$/kWh	0.0003295	T	0.99	1.65	2.47
AER	$/kWh	0.0009709	G	2.91	4.85	7.28
Fuel Adjustment Clause	$/kWh	0.0449242	G	134.77	224.62	336.93
Distribution Investment Rider	%	0.1116685	D	10.52	17.19	25.54
EE&PDR Cost Recovery Rider	%	0.0028902	D	8.67	14.45	21.68
Econ Dev Cost Recovery Rider	%	0.1305465	D	12.30	20.10	29.85
Enhanced Service Reliability Rider	%	0.0530956	D	5.00	8.18	12.14
Distribution Asset Recovery Rider	%	0.0850120	D	8.01	13.09	19.44
Residential Credit Rider	%	-0.0358070	D	(3.37)	(5.51)	(8.19)
gridSMART^{SM} Rider	$/mo.	0.1000000	D	0.10	0.10	0.10
Total G				226.62	377.7045	566.56
Total T				35.70	59.50	89.25
Total D				177.10	290.44	432.10
Total Bill				$439.42	$727.64	$1,087.91

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Edison Electric Institute
Current Rates

Columbus Southern Rate Zone

GS1

Bill Calculations		Rate Schedule Charges	kW / kWh	3 / 375	3 / 1,000	6 / 750	6 / 2,000
Customer Charge	$/mo.	6.47	D	6.47	6.47	6.47	6.47
Energy Charges							
First 1000 kWh	$/kWh	0.0611000	G	22.91	61.10	45.83	61.10
	$/kWh	0.0147707	D	5.54	14.77	11.08	14.77
All other kWh	$/kWh	0.0272694	G	0.00	0.00	0.00	27.27
	$/kWh	0.0147707	D	0.00	0.00	0.00	14.77
Subtotal			G	$22.91	$61.10	$45.83	$88.37
			D	$12.01	$21.24	$17.55	$36.01
Universal Service Fund	$/kWh	0.0046813	D	1.76	4.68	3.51	9.36
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.0046500	D	1.74	4.65	3.49	9.30
(Next 13,000)	$/kWh	0.0041900	D	0.00	0.00	0.00	0.00
(Over 15,000)	$/kWh	0.0036300	D	0.00	0.00	0.00	0.00
Retail Stability Rider	$/kWh	0.0029875	D	1.12	2.99	2.24	5.98
Phase-In Deferral	$/kWh	0.0000680	D	0.03	0.07	0.05	0.14
Transmission Cost Recovery	$/kWh	0.0089975	T	3.37	9.00	6.75	18.00
Transmission Under-Recovery	$/kWh	0.0002104	T	0.08	0.21	0.16	0.42
AER	$/kWh	0.0009709	G	0.36	0.97	0.73	1.94
Fuel Adjustment Clause	$/kWh	0.0449242	G	16.85	44.92	33.69	89.85
Distribution Investment Rider	%	0.1116685	D	1.34	2.37	1.96	4.02
EE&PDR Cost Recovery Rider	$/kWh	0.0026773	D	1.00	2.68	2.01	5.35
Econ Dev Cost Recovery Rider	%	0.1305465	D	1.57	2.77	2.29	4.70
Enhanced Service Reliability Rider	%	5.30956%	D	0.64	1.13	0.93	1.91
Distribution Asset Recovery Rider	%	8.50120%	D	1.02	1.81	1.49	3.06
gridSMART^{SM} Rider	$/mo.	0.42	D	0.42	0.42	0.42	0.42
Total T				3.45	9.21	6.91	18.42
Total D				22.65	44.81	35.94	80.25
Total Bill				$66.23	$161.01	$123.10	$278.83

Edison Electric Institute
Typical Net Monthly Bills
Current Rates

Columbus Southern Rate Zone

GS2 - Secondary		Rate	kW	12	12	30	30	40	40
Bill Calculations		Schedule Charges	kWh	1,500	4,000	6,000	10,000	10,000	14,000
Customer Charge	$/mo.	9.04	D	$9.04	$9.04	$9.04	$9.04	$9.04	$9.04
Energy Charges	$/kWh	0.0481211	G	72.18	192.48	288.73	481.21	481.21	673.70
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	4.033	D	48.40	48.40	120.99	120.99	161.32	161.32
Subtotal			G	$72.18	$192.48	$288.73	$481.21	$481.21	$673.70
			D	$57.44	$57.44	$130.03	$130.03	$170.36	$170.36
Universal Service Fund	$/kWh	0.0046813	D	7.02	18.73	28.09	46.81	46.81	65.54
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.0046500	D	6.98	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.0041900	D	0.00	8.38	16.76	33.52	33.52	50.28
(Over 15,000)	$/kWh	0.0036300	D	0.00	0.00	0.00	0.00	0.00	0.00
Retail Stability Rider	$/kWh	0.0029660	D	4.45	11.86	17.80	29.66	29.66	41.52
Phase-In Deferral	$/kWh	0.0000680	D	0.10	0.27	0.41	0.68	0.68	0.95
Transmission Cost Recovery	$/kWh	0.0051233	T	7.68	20.49	30.74	51.23	51.23	71.73
Transmission Cost Recovery	$/kW	1.54	T	18.48	18.48	46.20	46.20	61.60	61.60
Transmission Under-Recovery	$/kWh	0.0000858	T	0.13	0.34	0.51	0.86	0.86	1.20
Transmission Under-Recovery	$/kW	0.03	T	0.36	0.36	0.90	0.90	1.20	1.20
AER	$/kWh	0.0009709	G	1.46	3.88	5.83	9.71	9.71	13.59
Fuel Adjustment Clause	$/kWh	0.0449242	G	67.39	179.70	269.55	449.24	449.24	628.94
Distribution Investment Rider	%	0.1116685	D	$6.41	$6.41	$14.52	$14.52	$19.02	$19.02
EE&PDR Cost Recovery Rider	$/kWh	0.0026773	D	4.02	10.71	16.06	26.77	26.77	37.48
Econ Dev Cost Recovery Rider	%	0.1305465	D	7.50	7.50	16.97	16.97	22.24	22.24
Enhanced Service Reliability Rider	%	5.30956%	D	3.05	3.05	6.90	6.90	9.05	9.05
Distribution Asset Recovery Rider	%	8.50120%	D	4.88	4.88	11.05	11.05	14.48	14.48
gridSMART^{SM} Rider	$/mo.	0.42	D	0.42	0.42	0.42	0.42	0.42	0.42
Total G				141.03	376.06	564.11	940.16	940.16	1316.23
Total T				26.65	39.67	78.35	99.19	114.89	135.73
Total D				102.28	138.96	268.31	326.63	382.32	440.65
Total Bill				$269.95	$554.69	$910.77	$1,365.98	$1,437.37	$1,892.61

Bill Calculations		Rate Schedule Charges	kW kWh	50 12,500	50 18,000	75 15,000	150 30,000	300 60,000	500 100,000
Customer Charge	$/mo.	9.04	D	$9.04	$9.04	$9.04	$9.04	$9.04	$9.04
Energy Charges	$/kWh	0.0481211	G	601.51	866.18	721.82	1,443.63	2,887.27	4,812.11
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	4.033	D	201.65	201.65	302.48	604.95	1,209.90	2,016.50
Subtotal			G	$601.51	$866.18	$721.82	$1,443.63	$2,887.27	$4,812.11
			D	$210.69	$210.69	$311.52	$613.99	$1,218.94	$2,025.54
Universal Service Fund	$/kWh	0.0046813	D	58.52	84.26	70.22	140.44	280.88	468.13
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.0046500	D	9.30	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.0041900	D	44.00	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.0036300	D	0.00	10.89	0.00	54.45	163.35	308.55
Retail Stability Rider	$/kWh	0.0029660	D	37.08	53.39	44.49	88.98	177.96	296.60
Phase-In Deferral	$/kWh	0.0000680	D	0.85	1.22	1.02	2.04	4.08	6.80
Transmission Cost Recovery	$/kWh	0.0051233	T	64.04	92.22	76.85	153.70	307.40	512.33
Transmission Cost Recovery	$/kW	1.54	T	77.00	77.00	115.50	231.00	462.00	770.00
Transmission Under-Recovery	$/kWh	0.0000858	T	1.07	1.54	1.29	2.57	5.15	8.58
Transmission Under-Recovery	$/kW	0.030	T	1.50	1.50	2.25	4.50	9.00	15.00
AER	$/kWh	0.0009709	G	12.14	17.48	14.56	29.13	58.25	97.09
Fuel Adjustment Clause	$/kWh	0.0449242	G	561.55	808.64	673.86	1347.73	2695.45	4492.42
Distribution Investment Rider	%	0.1116685	D	23.53	23.53	34.79	68.56	136.12	226.19
EE&PDR Cost Recovery Rider	$/kWh	0.0026773	D	33.47	48.19	40.16	80.32	160.64	267.73
Econ Dev Cost Recovery Rider	%	0.1305465	D	27.50	27.50	40.67	80.15	159.13	264.43
Enhanced Service Reliability Rider	%	5.30956%	D	11.19	11.19	16.54	32.60	64.72	107.55
Distribution Asset Recovery Rider	%	8.50120%	D	17.91	17.91	26.48	52.20	103.62	172.20
gridSMART℠ Rider	$/mo.	0.42	D	0.42	0.42	0.42	0.42	0.42	0.42
Total G.				1,175.20	1,692.30	1,410.24	2,820.49	5,640.97	9,401.62
Total T				143.61	172.26	195.89	391.77	783.55	1,305.91
Total D				474.46	552.96	650.08	1,277.92	2,533.63	4,207.90
Total Bill				$1,793.26	$2,417.51	$2,256.21	$4,490.18	$8,958.16	$14,915.43

Edison Electric Institute
Typical Net Monthly Bills
Current Rates

Columbus Southern Rate Zone

GS2 - Primary		Rate Schedule Charges	kW / kWh	1,000 / 100,000
Bill Calculations				
Customer Charge	$/mo.	115.29	D	$115.29
Energy Charges	$/kWh	0.0472724	G	4,727.24
	$/kWh	0.0000000	D	0.00
Demand Charges	$/kW	3.183	D	3,183.00
Subtotal			G	$4,727.24
			D	$3,298.29
Universal Service Fund	$/kWh	0.0046813	D	468.13
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00
KWH Tax (First 2,000)	$/kWh	0.0046500	D	9.30
(Next 13,000)	$/kWh	0.0041900	D	54.47
(Over 15,000)	$/kWh	0.0036300	D	308.55
Retail Stability Rider	$/kWh	0.0029660	D	296.60
Phase-In Deferral	$/kWh	0.0000660	D	6.60
Transmission Cost Recovery	$/kWh	0.0049448	T	494.48
Transmission Cost Recovery	$/kW	1.49	T	1490.00
Transmission Under-Recovery	$/kWh	0.0000808	T	8.08
Transmission Under-Recovery	$/kW	0.03	T	30.00
AER	$/kWh	0.0009373	G	93.73
Fuel Adjustment Clause	$/kWh	0.0433658	G	4336.58
Distribution Investment Rider	%	0.1116685	D	368.32
EE&PDR Cost Recovery Rider	$/kWh	0.0026773	D	267.73
Econ Dev Cost Recovery Rider	%	0.1305465	D	430.58
Enhanced Service Reliability Rider	%	5.30956%	D	175.12
Distribution Asset Recovery Rider	%	8.50120%	D	280.39
gridSMART^{SM} Rider	$/mo.	0.42	D	0.42
Total G				9,157.55
Total T				2,022.56
Total D				5,964.50
Total Bill				$17,144.61

GS3 - Secondary

Bill Calculations		Ex. kVA Rate Schedule Charges	kW kWh	75 30,000	75 50,000	100 30,000	100 36,000	150 60,000	150 100,000
Customer Charge	$/mo.	9.04	D	$9.04	$9.04	$9.04	$9.04	$9.04	$9.04
Energy Charges	$/kWh	0.0000000	G	0.00	0.00	0.00	0.00	0.00	0.00
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	10.867	G	815.03	815.03	1,086.70	1,086.70	1,630.05	1,630.05
	$/kW	4.033	D	302.48	302.48	403.30	403.30	604.95	604.95
*Excess kVa Charges	$/kVa	0.863	D	0.00	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$815.03	$815.03	$1,086.70	$1,086.70	$1,630.05	$1,630.05
			D	$311.52	$311.52	$412.34	$412.34	$613.99	$613.99
Universal Service Fund	$/kWh	0.0046813	D	140.44	234.07	140.44	168.53	280.88	468.13
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.0046500	D	9.30	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.0041900	D	54.47	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.0036300	D	54.45	127.05	54.45	76.23	163.35	308.55
Retail Stability Rider	$/kWh	0.0029660	D	88.98	148.30	88.98	106.78	177.96	296.60
Phase-In Deferral	$/kWh	0.0000680	D	2.04	3.40	2.04	2.45	4.08	6.80
Transmission Cost Recovery	$/kWh	0.0046084	T	138.25	230.42	138.25	165.90	276.50	460.84
Transmission Cost Recovery	$/kW	2.69	T	201.75	201.75	269.00	269.00	403.50	403.50
Transmission Under-Recovery	$/kWh	0.0000868		2.60	4.34	2.60	3.12	5.21	8.68
Transmission Under-Recovery	$/kW	0.05		3.75	3.75	5.00	5.00	7.50	7.50
AER	$/kWh	0.0009709	G	29.13	48.55	29.13	34.95	58.25	97.09
Fuel Adjustment Clause	$/kWh	0.0449242	G	1347.73	2246.21	1347.73	1617.27	2695.45	4492.42
Distribution Investment Rider	$/kWh	0.1116685	D	34.79	34.79	46.05	46.05	68.56	68.56
EE&PDR Cost Recovery Rider	$/kWh	0.0026773	D	80.32	133.87	80.32	96.38	160.64	267.73
Econ Dev Cost Recovery Rider	%	0.1305465	D	40.67	40.67	53.83	53.83	80.15	80.15
Enhanced Service Reliability Rider	%	5.30956%	D	16.54	16.54	21.89	21.89	32.60	32.60
Distribution Asset Recovery Rider	%	8.50120%	D	26.48	26.48	35.05	35.05	52.20	52.20
gridSMART^{SM} Rider	$/mo.	0.42	D	0.42	0.42	0.42	0.42	0.42	0.42
Total G				2,191.89	3,109.79	2,463.56	2,738.92	4,383.75	6,219.56
Total T				346.35	440.26	414.85	443.02	692.71	880.52
Total D				860.42	1,140.88	999.58	1,083.72	1,698.60	2,259.50
Total Bill				$3,398.66	$4,690.92	$3,877.99	$4,265.66	$6,775.06	$9,359.58

* KVA in excess of the greater of 100 KVA or 115% of metered kW.

Edison Electric Institute
Typical Net Monthly Bills
Current Rates

Columbus Southern Rate Zone

GS3 - Secondary (Cont'd.)

Bill Calculations		Ex. kVA Rate Schedule Charges	kW kWh	300 90,000	300 120,000	300 150,000	300 200,000
Customer Charge	$/mo.	9.04	D	$9.04	$9.04	$9.04	$9.04
Energy Charges	$/kWh	0.0000000	G	0.00	0.00	0.00	0.00
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00
Demand Charges	$/kW	10.867	G	3,260.10	3,260.10	3,260.10	3,260.10
	$/kW	4.033	D	1,209.90	1,209.90	1,209.90	1,209.90
*Excess kVa Charges	$/kVa	0.863	D	0.00	0.00	0.00	0.00
Subtotal			G	$3,260.10	$3,260.10	$3,260.10	$3,260.10
			D	$1,218.94	$1,218.94	$1,218.94	$1,218.94
Universal Service Fund	$/kWh	0.0046813	D	421.32	561.76	702.20	936.26
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00
KWH Tax *(First 2,000)*	$/kWh	0.00465	D	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	272.25	381.15	490.05	671.55
Retail Stability Rider	$/kWh	0.0029660	D	266.94	355.92	444.90	593.20
Phase-In Deferral	$/kWh	0.0000680	D	6.12	8.16	10.20	13.60
Transmission Cost Recovery	$/kWh	0.0046084	T	414.76	553.01	691.26	921.68
Transmission Cost Recovery	$/kW	2.69	T	807.00	807.00	807.00	807.00
Transmission Under-Recovery	$/kWh	0.0000868	T	7.81	10.42	13.02	17.36
Transmission Under-Recovery	$/kW	0.05	T	15.00	15.00	15.00	15.00
AER	$/kWh	0.0009709	G	87.38	116.51	145.64	194.18
Fuel Adjustment Clause	$/kWh	0.0449242	G	4043.18	5390.90	6738.63	8984.84
Distribution Investment Rider	*$/kWh*	*0.1116685*	*D*	*136.12*	*136.12*	*136.12*	*136.12*
EE&PDR Cost Recovery Rider	$/kWh	0.0026773	D	240.96	321.28	401.60	535.46
Econ Dev Cost Recovery Rider	%	0.1305465	D	159.13	159.13	159.13	159.13
Enhanced Service Reliability Rider	%	5.30956%	D	64.72	64.72	64.72	64.72
Distribution Asset Recovery Rider	%	8.50120%	D	103.62	103.62	103.62	103.62
gridSMART[SM] Rider	$/mo.	0.42	D	0.42	0.42	0.42	0.42
Total G				7,390.66	8,767.51	10,144.37	12,439.12
Total T				1,244.57	1,385.43	1,526.28	1,761.04
Total D				2,954.31	3,374.99	3,795.67	4,496.79
Total Bill				$11,589.54	$13,527.93	$15,466.32	$18,696.95

000000027

Bill Calculations		Ex. kVA Rate Schedule Charges	kW kWh	500 150,000	500 180,000	500 200,000	500 325,000
Customer Charge	$/mo.	9.04	D	$9.04	$9.04	$9.04	$9.04
Energy Charges	$/kWh	0.0000000	G	0.00	0.00	0.00	0.00
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00
Demand Charges	$/kW	10.867	G	5,433.50	5,433.50	5,433.50	5,433.50
	$/kW	4.033	D	2,016.50	2,016.50	2,016.50	2,016.50
*Excess kVa Charges	$/kVa	0.863	D	0.00	0.00	0.00	0.00
Subtotal			G	$5,433.50	$5,433.50	$5,433.50	$5,433.50
			D	$2,025.54	$2,025.54	$2,025.54	$2,025.54
Universal Service Fund	$/kWh	0.0046813	D	702.20	842.63	936.26	1521.42
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	490.05	598.95	671.55	1125.30
Retail Stability Rider	$/kWh	0.0029660	D	444.90	533.88	593.20	963.95
Phase-In Deferral	$/kWh	0.0000680	D	10.20	12.24	13.60	22.10
Transmission Cost Recovery	$/kWh	0.0046084	T	691.26	829.51	921.68	1497.73
Transmission Cost Recovery	$/kW	2.69	T	1345.00	1345.00	1345.00	1345.00
Transmission Under-Recovery	$/kWh	0.0000868	T	13.02	15.62	17.36	28.21
Transmission Under-Recovery	$/kW	0.05	T	25.00	25.00	25.00	25.00
AER	$/kWh	0.0009709	G	145.64	174.76	194.18	315.54
Fuel Adjustment Clause	$/kWh	0.0449242	G	6738.63	8086.36	8984.84	14600.37
Distribution Investment Rider	$/kWh	0.1116685	D	226.19	226.19	226.19	226.19
EE&PDR Cost Recovery Rider	$/kWh	0.0026773	D	401.60	481.91	535.46	870.12
Econ Dev Cost Recovery Rider	%	0.1305465	D	264.43	264.43	264.43	264.43
Enhanced Service Reliability Rider	%	5.30956%	D	107.55	107.55	107.55	107.55
Distribution Asset Recovery Rider	%	8.50120%	D	172.20	172.20	172.20	172.20
gridSMART℠ Rider	$/mo.	0.42	D	0.42	0.42	0.42	0.42
Total G				12,317.77	13,694.62	14,612.52	20,349.41
Total T				2,074.28	2,215.13	2,309.04	2,895.94
Total D				4,909.04	5,329.70	5,610.16	7,362.98
Total Bill				$19,301.09	$21,239.46	$22,531.72	$30,608.34

* KVA in excess of the greater of 100 KVA or 115% of metered kW.

Edison Electric Institute
Current Rates

Columbus Southern Rate Zone

GS3 - Primary Bill Calculations		Ex. kVA Rate Schedule Charges	kW kWh	1,000 300,000	1,000 360,000	1,000 400,000	1,000 650,000
Customer Charge	$/mo.	115.29	D	$115.29	$115.29	$115.29	$115.29
Energy Charges	$/kWh	0.0000784	G	23.52	28.22	31.36	50.96
		0.0000000	D	0.00	0.00	0.00	0.00
Demand Charges	$/kW	10.511	G	10,511.00	10,511.00	10,511.00	10,511.00
	$/kW	3.183	D	3,183.00	3,183.00	3,183.00	3,183.00
*Excess kVa Charges	$/kVa	0.835	D	0.00	0.00	0.00	0.00
Subtotal			G	$10,534.52	$10,539.22	$10,542.36	$10,561.96
			D	$3,298.29	$3,298.29	$3,298.29	$3,298.29
Universal Service Fund	$/kWh	0.0046813	D	1404.39	1685.27	1872.52	3042.85
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	1034.55	1252.35	1397.55	2305.05
Retail Stability Rider	$/kWh	0.0029660	D	889.80	1067.76	1186.40	1927.90
Phase-In Deferral	$/kWh	0.0000660	D	19.80	23.76	26.40	42.90
Transmission Cost Recovery	$/kWh	0.0044487	T	1334.61	1601.53	1779.48	2891.66
Transmission Cost Recovery	$/kW	2.60	T	2600.00	2600.00	2600.00	2600.00
Transmission Under-Recovery	$/kWh	0.0000838	T	25.14	30.17	33.52	54.47
Transmission Under-Recovery	$/kW	0.05	T	50.00	50.00	50.00	50.00
AER	$/kWh	0.0009373	G	281.19	337.43	374.92	609.25
Fuel Adjustment Clause	$/kWh	0.0433658	G	13009.74	15611.69	17346.32	28187.77
Distribution Investment Rider	$/kWh	0.1116685	D	368.32	368.32	368.32	368.32
EE&PDR Cost Recovery Rider	$/kWh	0.0026773	D	803.19	963.83	1070.92	1740.25
Econ Dev Cost Recovery Rider	%	0.1305465	D	430.58	430.58	430.58	430.58
Enhanced Service Reliability Rider	%	5.30956%	D	175.12	175.12	175.12	175.12
Distribution Asset Recovery Rider	%	8.50120%	D	280.39	280.39	280.39	280.39
gridSMART^{SM} Rider	$/mo.	0.42	D	0.42	0.42	0.42	0.42
Total G				23,825.45	26,488.34	28,263.60	39,358.98
Total T				4,009.75	4,281.70	4,463.00	5,596.13
Total D				8,768.62	9,609.86	10,170.68	13,675.84
Total Bill				$36,603.82	$40,379.90	$42,897.28	$58,630.94

GS4

Bill Calculations		Rate Schedule Charges	kVAR kVA kW kWh	5,000 5,000 1,500,000	5,000 5,000 2,500,000	5,000 5,000 3,250,000
Customer Charge	$/mo.	1060.00	D	$1,060.00	$1,060.00	$1,060.00
Energy Charges	$/kWh	0.0000000	G	0.00	0.00	0.00
		0.0000000	D	0.00	0.00	0.00
*Excess kVar Charges	$/kVa	0.480	D	0.00	0.00	0.00
Demand Charges						
First 3000 kVa	$/kVa	10.911	G	32,733.00	32,733.00	32,733.00
	$/kVa	0.000	D	0.00	0.00	0.00
Over 3000 kVa	$/kVa	4.607	G	9,214.00	9,214.00	9,214.00
	$/kVa	0.000	D	0.00	0.00	0.00
Subtotal			G	$41,947.00	$41,947.00	$41,947.00
			D	$1,060.00	$1,060.00	$1,060.00
Univ. Serv. Fund < 833,000 KWH	$/kWh	0.0046813	D	3,899.52	3,899.52	3,899.52
Univ. Serv. Fund > 833,000 KWH	$/kWh	0.0001830	D	122.06	305.06	442.31
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	5,390.55	9,020.55	11,743.05
Retail Stability Rider	$/kWh	0.0029660	D	4,449.00	7,415.00	9,639.50
Phase-In Deferral	$/kWh	0.0039940	D	5,991.00	9,985.00	12,980.50
Transmission Cost Recovery	$/kWh	0.0033770	T	5,065.50	8,442.50	10,975.25
Transmission Cost Recovery	$/kVa	2.10	T	10,500.00	10,500.00	10,500.00
Transmission Under-Recovery	$/kWh	0.0000854	T	128.10	213.50	277.55
Transmission Under-Recovery	$/kW	0.05	T	250.00	250.00	250.00
AER	$/kWh	0.0009187	G	1,378.05	2,296.75	2,985.78
Fuel Adjustment Clause	$/kWh	0.0425019	G	63,752.85	106,254.75	138,131.18
Distribution Investment Rider	$/kWh	0.1116685	D	118.37	118.37	118.37
EE&PDR Cost Recovery Rider	$/kWh	0.0003845	D	576.75	961.25	1,249.63
Econ Dev Cost Recovery Rider	%	0.1305465	D	138.38	138.38	138.38
Enhanced Service Reliability Rider	%	5.30956%	D	56.28	56.28	56.28
Distribution Asset Recovery Rider	%	8.50120%	D	90.11	90.11	90.11
gridSMART^{SM} Rider	$/mo.	0.42	D	0.42	0.42	0.42
Total T				15,943.60	19,406.00	22,002.80
Total D				21,956.21	33,113.71	41,481.84
Total Bill				$144,977.71	$203,018.21	$246,548.60

* KVA in excess of the greater of 100 KVA or 115% of metered kW.

Edison Electric Institute
Typical Net Monthly Bills
Current Rates

Columbus Southern Rate Zone

GS4 (Cont'd.)

Bill Calculations		Rate Schedule Charges	kVAR kVA kW kWh	10,000 3,000,000	10,000 5,000,000	10,000 6,500,000	20,000 6,000,000	20,000 10,000,000
Customer Charge	$/mo.	1060.00	D	$1,060.00	$1,060.00	$1,060.00	$1,060.00	$1,060.00
Energy Charges	$/kWh	0.0000000	G	0.00	0.00	0.00	0.00	0.00
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
*Excess kVar Charges	$/kVa	0.480	D	0.00	0.00	0.00	0.00	0.00
Demand Charges								
First 3000 kVa	$/kVa	10.911	G	32,733.00	32,733.00	32,733.00	32,733.00	32,733.00
	$/kVa	0.000	D	0.00	0.00	0.00	0.00	0.00
Over 3000 kVa	$/kVa	4.607	G	32,249.00	32,249.00	32,249.00	78,319.00	78,319.00
	$/kVa	0.000	D	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$64,982.00	$64,982.00	$64,982.00	$111,052.00	$111,052.00
			D	$1,060.00	$1,060.00	$1,060.00	$1,060.00	$1,060.00
Univ. Serv. Fund < 833,000 KWH	$/kWh	0.0046813	D	3,899.52	3,899.52	3,899.52	3,899.52	3,899.52
Univ. Serv. Fund > 833,000 KWH	$/kWh	0.0001830	D	396.56	762.56	1,037.06	945.56	1,677.56
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	10,835.55	18,095.55	23,540.55	21,725.55	36,245.55
Retail Stability Rider	$/kWh	0.0029660	D	8,898.00	14,830.00	19,279.00	17,796.00	29,660.00
Phase-in Deferral	$/kWh	0.0039940	D	11,982.00	19,970.00	25,961.00	23,964.00	39,940.00
Transmission Cost Recovery	$/kWh	0.0033770	T	10,131.00	16,885.00	21,950.50	20,262.00	33,770.00
Transmission Cost Recovery	$/kVa	2.10	T	21,000.00	21,000.00	21,000.00	42,000.00	42,000.00
Transmission Under-Recovery	$/kWh	0.0000854	T	256.20	427.00	555.10	512.40	854.00
Transmission Under-Recovery	$/kW	0.05	T	500.00	500.00	500.00	1,000.00	1,000.00
AER	$/kWh	0.0009187	G	2,756.10	4,593.50	5,971.55	5,512.20	9,187.00
Fuel Adjustment Clause	$/kWh	0.0425019	G	127,505.70	212,509.50	276,262.35	255,011.40	425,019.00
Distribution Investment Rider	$/kWh	0.1116685	D	118.37	118.37	118.37	118.37	118.37
EE&PDR Cost Recovery Rider	$/kWh	0.0003845	D	1,153.50	1,922.50	2,499.25	2,307.00	3,845.00
Econ Dev Cost Recovery Rider	%	0.1305465	D	138.38	138.38	138.38	138.38	138.38
Enhanced Service Reliability Rider	%	5.30956%	D	56.28	56.28	56.28	56.28	56.28
Distribution Asset Recovery Rider	%	8.50120%	D	90.11	90.11	90.11	90.11	90.11
gridSMART^{SM} Rider	$/mo.	0.42	D	0.42	0.42	0.42	0.42	0.42
Total G				195,243.80	282,085.00	347,215.90	371,575.60	545,258.00
Total T				31,887.20	38,812.00	44,005.60	63,774.40	77,624.00
Total D				38,692.46	61,007.46	77,743.71	72,164.96	116,794.96
Total Bill				$265,823.46	$381,904.46	$468,965.21	$507,514.96	$739,676.96

000000031

Bill Calculations		Rate Schedule Charges	kVAR kVA kW kWh	20,000 13,000,000	50,000 15,000,000	50,000 25,000,000	50,000 32,500,000
Customer Charge	$/mo.	1060.00	D	$1,060.00	$1,060.00	$1,060.00	$1,060.00
Energy Charges	$/kWh	0.0000000	G	0.00	0.00	0.00	0.00
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00
*Excess kVar Charges	$/kVa	0.480	D	0.00	0.00	0.00	0.00
Demand Charges							
First 3000 kVa	$/kVa	10.911	G	32,733.00	32,733.00	32,733.00	32,733.00
	$/kVa	0.000	D	0.00	0.00	0.00	0.00
Over 3000 kVa	$/kVa	4.607	G	78,319.00	216,529.00	216,529.00	216,529.00
	$/kVa	0.000	D	0.00	0.00	0.00	0.00
Subtotal			G	$111,052.00	$249,262.00	$249,262.00	$249,262.00
			D	$1,060.00	$1,060.00	$1,060.00	$1,060.00
Univ. Serv. Fund < 833,000 KWH	$/kWh	0.0046813	D	3,899.52	3,899.52	3,899.52	3,899.52
Univ. Serv. Fund > 833,000 KWH	$/kWh	0.0001830	D	2,226.56	2,592.56	4,422.56	5,795.06
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	47,135.55	54,395.55	90,695.55	117,920.55
Retail Stability Rider	$/kWh	0.0029660	D	38,558.00	44,490.00	74,150.00	96,395.00
Phase-In Deferral	$/kWh	0.0039940	D	51,922.00	59,910.00	99,850.00	129,805.00
Transmission Cost Recovery	$/kWh	0.0033770	T	43,901.00	50,655.00	84,425.00	109,752.50
Transmission Cost Recovery	$/kVa	2.1000000	T	42,000.00	105,000.00	105,000.00	105,000.00
Transmission Under-Recovery	$/kWh	0.0000854	T	1,110.20	1,281.00	2,135.00	2,775.50
Transmission Under-Recovery	$/kW	0.05	T	1,000.00	2,500.00	2,500.00	2,500.00
AER	$/kWh	0.0009187	G	11,943.10	13,780.50	22,967.50	29,857.75
Fuel Adjustment Clause	$/kWh	0.0425019	G	552,524.70	637,528.50	1,062,547.50	1,381,311.75
Distribution Investment Rider	$/kWh	0.1116685	D	118.37	118.37	118.37	118.37
EE&PDR Cost Recovery Rider	$/kWh	0.0003845	D	4,998.50	5,767.50	9,612.50	12,496.25
Econ Dev Cost Recovery Rider	%	0.1305465	D	138.38	138.38	138.38	138.38
Enhanced Service Reliability Rider	%	5.30956%	D	56.28	56.28	56.28	56.28
Distribution Asset Recovery Rider	%	8.50120%	D	90.11	90.11	90.11	90.11
gridSMART^{SM} Rider	$/mo.	0.42	D	0.42	0.42	0.42	0.42
Total G				675,519.80	900,571.00	1,334,777.00	1,660,431.50
Total T				88,011.20	159,436.00	194,060.00	220,028.00
Total D				150,267.46	172,582.46	284,157.46	367,838.71
Total Bill				$913,798.46	$1,232,589.46	$1,812,994.46	$2,248,298.21

IEU Ex. 9

IEU-Ohio Ex. ~~5~~ 9

Edison Electric Institute
Typical Net Monthly Bills
August 2012

Ohio Power Company

CAP
12%

RESIDENTIAL

Bill Calculations		Rate Schedule Charges		100 kWh	250 kWh	500 kWh	750 kWh	1,000 kWh	
Customer Charge	$/mo.	3.82	D	$3.82	$3.82	$3.82	$3.82	$3.82	
Energy Charges									
First 800 kWh	$/kWh	0.0261075	G	2.61	6.53	13.05	19.58	20.89	
	$/kWh	0.0235642	D	2.36	5.89	11.78	17.67	18.85	
Over 800 kWh	$/kWh	0.0216278	G	0.00	0.00	0.00	0.00	4.33	
	$/kWh	0.0171224	D	0.00	0.00	0.00	0.00	3.42	
Subtotal			G	$2.61	$6.53	$13.05	$19.58	$25.22	
			D	$6.18	$9.71	$15.60	$21.49	$26.09	
			A	$8.79	$16.24	$28.65	$41.07	$51.31	
Universal Service Fund	$/kWh	0.0024169	D	0.24	0.60	1.21	1.81	2.42	
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00	
KWH Tax (First 2,000)	$/kWh	0.00465	D	0.47	1.16	2.33	3.49	4.65	
(Next 13,000)	$/kWh	0.00419	D	0.00	0.00	0.00	0.00	0.00	
(Over 15,000)	$/kWh	0.00363	D	0.00	0.00	0.00	0.00	0.00	
Provider of Last Resort Charge	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00	
Transmission Cost Recovery	$/kWh	0.0093015	T	0.93	2.33	4.65	6.98	9.30	
Fuel Adjustment Clause	$/kWh	0.0342802	G	3.43	8.57	17.14	25.71	34.28	
Phase-In Cost Recovery Rider	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00	
EE&PDR Cost Recovery Rider	$/kWh	0.0029405	D	0.29	0.74	1.47	2.21	2.94	
EDR Cost Recover Rider	%	14.06695%	D	0.87	1.37	2.19	3.02	3.67	
Environmental Rider	%	6.55762%	G	0.17	0.43	0.86	1.28	1.65	
Distribution Asset Recovery Rider	%	8.50120%	D	0.53	0.83	1.33	1.83	2.22	
Residential Credit Rider	%	-3.58070%	D	(0.22)	(0.35)	(0.56)	(0.77)	(0.93)	
Enhanced Service Reliability Ride	%	6.72393%	D	0.42	0.65	1.05	1.44	1.75	
Total Bill			G	$6.21	$15.53	$31.05	$46.57	$61.15	$25.22
			T	$0.93	$2.33	$4.65	$6.98	$9.30	
			D	$8.77	$14.71	$24.62	$34.52	$42.80	$42.80
			A	$15.91	$32.57	$60.32	$88.07	$113.25	
				$1.91	$3.91	$7.24	$10.57	$13.59	
				Minimum	Minimum	Minimum	Minimum	Minimum	

Bill Calculations		Rate Schedule Charges		1,500 kWh	2,000 kWh	3,000 kWh	5,000 kWh	7,500 kWh
Customer Charge	$/mo.	3.82	D	$3.82	$3.82	$3.82	$3.82	$3.82
Energy Charges								
First 800 kWh	$/kWh	0.0261075	G	20.89	20.89	20.89	20.89	20.89
	$/kWh	0.0235642	D	18.85	18.85	18.85	18.85	18.85
Over 800 kWh	$/kWh	0.0216278	G	15.14	25.95	47.58	90.84	144.91
	$/kWh	0.0171224	D	11.99	20.55	37.67	71.91	114.72
Subtotal			G	36.03	46.84	68.47	111.73	165.80
			D	$34.66	$43.22	$60.34	$94.58	$137.39
			A	$70.69	$90.06	$128.81	$206.31	$303.19
Universal Service Fund	$/kWh	0.0024169	D	3.63	4.83	7.25	12.08	18.13
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	6.98	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	0.00	0.00	4.19	12.57	23.05
(Over 15,000)	$/kWh	0.00363	D	0.00	0.00	0.00	0.00	0.00
Provider of Last Resort Charge	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0093015	T	13.95	18.60	27.90	46.51	69.76
Fuel Adjustment Clause	$/kWh	0.0342802	G	51.42	68.56	102.84	171.40	257.10
Phase-In Cost Recovery Rider	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0029405	D	4.41	5.88	8.82	14.70	22.05
EDR Cost Recover Rider	%	0.1406695	D	4.88	6.08	8.49	13.30	19.33
Environmental Rider	%	0.0655762	G	2.36	3.07	4.49	7.33	10.87
Distribution Asset Recovery Rider	%	8.50120%	D	2.95	3.67	5.13	8.04	11.68
Residential Credit Rider	%	-3.58070%	D	(1.24)	(1.55)	(2.16)	(3.39)	(4.92)
Enhanced Service Reliability Rider	%	6.72393%	D	2.33	2.91	4.06	6.36	9.24
Total Bill			G	$89.81	$118.47	$175.80	$290.46	$433.77
			T	$13.95	$18.60	$27.90	$46.51	$69.76
			D	$58.60	$74.35	$105.42	$167.54	$245.25
			A	$162.36	$211.42	$309.12	$504.51	$748.78
				$19.48	$25.37	$37.09	$60.54	$89.85
				Minimum	Minimum	Minimum	Minimum	Minimum

Edison Electric Institute
Typical Net Monthly Bills
August 2012

Ohio Power Company

GENERAL SERVICE-1-Sec

Bill Calculations		Rate Schedule Charges		kW / kWh	3 / 375	3 / 1,000	6 / 750	6 / 2,000
Customer Charge	$/mo.	13.17	D		$13.17	$13.17	$13.17	$13.17
Energy Charges	$/kWh	0.0341765	G		12.82	34.18	25.63	68.35
	$/kWh	0.0027999	D		1.05	2.80	2.10	5.60
Subtotal			G		$12.82	$34.18	$25.63	$68.35
			D		$14.22	$15.97	$15.27	$18.77
			A		$27.04	$50.15	$40.90	$87.12
Universal Service Fund	$/kWh	0.0024169	D		0.91	2.42	1.81	4.83
Advanced Energy Fund Rider	$/mo.	0.0000000	D		0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D		1.74	4.65	3.49	9.30
(Next 13,000)	$/kWh	0.00419	D		0.00	0.00	0.00	0.00
(Over 15,000)	$/kWh	0.00363	D		0.00	0.00	0.00	0.00
Provider of Last Resort Charge	$/kWh	0.0000000	D		0.00	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0082301	T		3.09	8.23	6.17	16.46
Fuel Adjustment Clause	$/kWh	0.0342802	G		12.86	34.28	25.71	68.56
Phase-In Cost Recovery Rider	$/kWh	0.0000000	D		0.00	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0026073	D		0.98	2.61	1.96	5.21
EDR Cost Recover Rider	%	0.1406695	D		2.00	2.25	2.15	2.64
Environmental Rider	%	0.0655762	G		0.84	2.24	1.68	4.48
Distribution Asset Recovery Rider	%	0.0850120	D		1.21	1.36	1.30	1.60
Enhanced Service Reliability Rider	%	6.72393%	D		0.96	1.07	1.03	1.26
Total Bill			G		$26.52	$70.70	$53.02	$141.39
			T		$3.09	$8.23	$6.17	$16.46
			D		$22.02	$30.33	$27.01	$43.61
			A		$51.63	$109.26	$86.20	$201.46
					$6.20	$13.11	$10.34	$24.17
					Minimum	Minimum	Minimum	Minimum

GENERAL SERVICE-2-Sec

Bill Calculations		Rate Schedule Charges		kW / kWh	12 / 1,500	12 / 4,000	30 / 6,000	30 / 10,000	40 / 10,000	40 / 14,000
Customer Charge	$/mo.	22.79	D		$22.79	$22.79	$22.79	$22.79	$22.79	$22.79
Energy Charges	$/kWh	0.0307759	G		46.16	123.10	184.66	307.76	307.76	430.86
	$/kWh	0.0000000	D		0.00	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	4.16	D		49.92	49.92	124.80	124.80	166.40	166.40
Exc. KVA Charges	$/kVA	3.82	D		0.00	0.00	0.00	0.00	0.00	0.00
Subtotal			G		$46.16	$123.10	$184.66	$307.76	$307.76	$430.86
			D		$72.71	$72.71	$147.59	$147.59	$189.19	$189.19
			A		$118.87	$195.81	$332.25	$455.35	$496.95	$620.05
Universal Service Fund	$/kWh	0.0024169	D		3.63	9.67	14.50	24.17	24.17	33.84
Advanced Energy Fund Rider	$/mo.	0.0000000	D		0.00	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D		6.98	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D		0.00	8.38	16.76	33.52	33.52	50.28
(Over 15,000)	$/kWh	0.00363	D		0.00	0.00	0.00	0.00	0.00	0.00
Provider of Last Resort Charge	$/kWh	0.0000000	D		0.00	0.00	0.00	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0026532	T		3.98	10.61	15.92	26.53	26.53	37.14
Transmission Cost Recovery	$/kW	1.65	T		19.80	19.80	49.50	49.50	66.00	66.00
Fuel Adjustment Clause	$/kWh	0.0342802	G		51.42	137.12	205.68	342.80	342.80	479.92
Phase-In Cost Recovery Rider	$/kWh	0.0000000	D		0.00	0.00	0.00	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0026073	D		3.91	10.43	15.64	26.07	26.07	36.50
EDR Cost Recover Rider	%	0.1406695	D		10.23	10.23	20.76	20.76	26.61	26.61
Environmental Rider	%	0.0655762	G		3.03	8.07	12.11	20.18	20.18	28.25
Distribution Asset Recovery Rider	%	0.0850120	D		6.18	6.18	12.55	12.55	16.08	16.08
Enhanced Service Reliability Rider	%	6.72393%	D		4.89	4.89	9.92	9.92	12.72	12.72
Total Bill			G		$100.61	$268.29	$402.45	$670.74	$670.74	$939.03
			T		$23.78	$30.41	$65.42	$76.03	$92.53	$103.14
			D		$108.53	$131.79	$247.02	$283.88	$337.66	$374.52
			A		$232.92	$430.49	$714.89	$1,030.65	$1,100.93	$1,416.69
					$27.95	$51.66	$85.79	$123.68	$132.11	$170.00
					Minimum	Minimum	Minimum	Minimum	Minimum	-

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Edison Electric Institute
Typical Net Monthly Bills
August 2012

Ohio Power Company

GENERAL SERVICE-2-Sec
(Cont'd)

Bill Calculations		Rate Schedule Charges	kW / kWh	50 / 12,500	50 / 18,000	75 / 15,000	75 / 30,000	75 / 50,000
Customer Charge	$/mo.	22.79	D	$22.79	$22.79	$22.79	$22.79	$22.79
Energy Charges	$/kWh	0.0307759	G	384.70	553.97	461.64	923.28	1,538.80
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	4.16	D	208.00	208.00	312.00	312.00	312.00
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$384.70	$553.97	$461.64	$923.28	$1,538.80
			D	$230.79	$230.79	$334.79	$334.79	$334.79
			A	$615.49	$784.76	$796.43	$1,258.07	$1,873.59
Universal Service Fund	$/kWh	0.0024169	D	30.21	43.50	36.25	72.51	120.85
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	44.00	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	0.00	10.89	0.00	54.45	127.05
Provider of Last Resort Charge	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0026532	T	33.17	47.76	39.80	79.60	132.66
Transmission Cost Recovery	$/kW	1.6500000	T	82.50	82.50	123.75	123.75	123.75
Fuel Adjustment Clause	$/kWh	0.0342802	G	428.50	617.04	514.20	1028.41	1714.01
Phase-In Cost Recovery Rider	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0026073	D	32.59	46.93	39.11	78.22	130.37
EDR Cost Recover Rider	%	0.1406695	D	32.47	32.47	47.09	47.09	47.09
Environmental Rider	%	0.0655762	G	25.23	36.33	30.27	60.55	100.91
Distribution Asset Recovery Rider	%	0.0850120	D	19.62	19.62	28.46	28.46	28.46
Enhanced Service Reliability Rider	%	6.72393%	D	15.52	15.52	22.51	22.51	22.51
Total Bill			G	$838.43	$1,207.34	$1,006.11	$2,012.24	$3,353.72
			T	$115.67	$130.26	$163.55	$203.35	$256.41
			D	$414.50	$463.49	$571.98	$701.80	$874.89
			A	$1,368.60	$1,801.09	$1,741.64	$2,917.39	$4,485.02
				$164.23	$216.13	$209.00	$350.09	$538.20
				Minimum	-	Minimum	-	-

Bill Calculations		Rate Schedule Charges	kW / kWh	100 / 30,000	100 / 36,000	150 / 30,000	150 / 60,000	150 / 100,000
Customer Charge	$/mo.	22.79	D	$22.79	$22.79	$22.79	$22.79	$22.79
Energy Charges	$/kWh	0.0307759	G	923.28	1,107.93	923.28	1,846.55	3,077.59
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	4.16	D	416.00	416.00	624.00	624.00	624.00
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$923.28	$1,107.93	$923.28	$1,846.55	$3,077.59
			D	$438.79	$438.79	$646.79	$646.79	$646.79
			A	$1,362.07	$1,546.72	$1,570.07	$2,493.34	$3,724.38
Universal Service Fund	$/kWh	0.0024169	D	72.51	87.01	72.51	145.01	241.69
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	54.45	76.23	54.45	163.35	308.55
Provider of Last Resort Charge	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0026532	T	79.60	95.52	79.60	159.19	265.32
Transmission Cost Recovery	$/kW	1.6500000	T	165.00	165.00	247.50	247.50	247.50
Fuel Adjustment Clause	$/kWh	0.0342802	G	1028.41	1234.09	1028.41	2056.81	3428.02
Phase-In Cost Recovery Rider	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0026073	D	78.22	93.86	78.22	156.44	260.73
EDR Cost Recover Rider	%	0.1406695		61.72	61.72	90.98	90.98	90.98
Environmental Rider	%	0.0655762	G	60.55	72.65	60.55	121.09	201.82
Distribution Asset Recovery Rider	%	0.0850120	D	37.30	37.30	54.98	54.98	54.98
Enhanced Service Reliability Rider	%	6.72393%	D	29.50	29.50	43.49	43.49	43.49
Total Bill			G	$2,012.24	$2,414.67	$2,012.24	$4,024.45	$6,707.43
			T	$244.60	$260.52	$327.10	$406.69	$512.82
			D	$836.26	$888.18	$1,105.19	$1,364.81	$1,710.98
			A	$3,093.10	$3,563.37	$3,444.53	$5,795.95	$8,931.23
				$371.17	$427.60	$413.34	$695.51	$1,071.75
				Minimum	-	Minimum	-	-

Edison Electric Institute
Typical Net Monthly Bills
August 2012

Ohio Power Company

GENERAL SERVICE-2-Sec (Cont'd)

Bill Calculations		Rate Schedule Charges	kW / kWh	300 / 60,000	300 / 90,000	300 / 120,000	300 / 150,000	300 / 200,000
Customer Charge	$/mo.	22.79	D	$22.79	$22.79	$22.79	$22.79	$22.79
Energy Charges	$/kWh	0.0307759	G	1,846.55	2,769.83	3,693.11	4,616.39	6,155.18
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	4.16	D	1,248.00	1,248.00	1,248.00	1,248.00	1,248.00
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$1,846.55	$2,769.83	$3,693.11	$4,616.39	$6,155.18
			D	$1,270.79	$1,270.79	$1,270.79	$1,270.79	$1,270.79
			A	$3,117.34	$4,040.62	$4,963.90	$5,887.18	$7,425.97
Universal Service Fund	$/kWh	0.0024169	D	145.01	217.52	290.03	362.54	483.38
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	163.35	272.25	381.15	490.05	671.55
Provider of Last Resort Charge	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0026532	T	159.19	238.79	318.38	397.98	530.64
Transmission Cost Recovery	$/kW	1.6500000	T	495.00	495.00	495.00	495.00	495.00
Fuel Adjustment Clause	$/kWh	0.0342802	G	2056.81	3085.22	4113.62	5142.03	6856.04
Phase-In Cost Recovery Rider	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0026073	D	156.44	234.66	312.88	391.10	521.46
EDR Cost Recover Rider	%	0.1406695		178.76	178.76	178.76	178.76	178.76
Environmental Rider	%	0.0655762	G	121.09	181.63	242.18	302.73	403.63
Distribution Asset Recovery Rider	%	0.0850120	D	108.03	108.03	108.03	108.03	108.03
Enhanced Service Reliability Rider	%	6.72393%	D	85.45	85.45	85.45	85.45	85.45
Total Bill			G	$4,024.45	$6,036.68	$8,048.91	$10,061.15	$13,414.85
			T	$654.19	$733.79	$813.38	$892.98	$1,025.64
			D	$2,171.60	$2,431.23	$2,690.86	$2,950.49	$3,383.19
			A	$6,850.24	$9,201.70	$11,553.15	$13,904.62	$17,823.68
				$822.03	$1,104.20	$1,386.38	$1,668.55	$2,138.84
				Minimum	Minimum	-	-	-

Bill Calculations		Rate Schedule Charges	kW / kWh	500 / 100,000	500 / 150,000	500 / 180,000	500 / 200,000	500 / 325,000
Customer Charge	$/mo.	22.79	D	$22.79	$22.79	$22.79	$22.79	$22.79
Energy Charges	$/kWh	0.0307759	G	3,077.59	4,616.39	5,539.66	6,155.18	10,002.17
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	4.16	D	2,080.00	2,080.00	2,080.00	2,080.00	2,080.00
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$3,077.59	$4,616.39	$5,539.66	$6,155.18	$10,002.17
			D	$2,102.79	$2,102.79	$2,102.79	$2,102.79	$2,102.79
			A	$5,180.38	$6,719.18	$7,642.45	$8,257.97	$12,104.96
Universal Service Fund	$/kWh	0.0024169	D	241.69	362.54	435.04	483.38	785.49
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	308.55	490.05	598.95	671.55	1125.30
Provider of Last Resort Charge	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0026532	T	265.32	397.98	477.58	530.64	862.29
Transmission Cost Recovery	$/kW	1.6500000	T	825.00	825.00	825.00	825.00	825.00
Fuel Adjustment Clause	$/kWh	0.0342802	G	3428.02	5142.03	6170.44	6856.04	11141.07
Phase-In Cost Recovery Rider	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0026073	D	260.73	391.10	469.31	521.46	847.37
EDR Cost Recover Rider	%	0.1406695		295.80	295.80	295.80	295.80	295.80
Environmental Rider	%	0.0655762	G	201.82	302.73	363.27	403.63	655.90
Distribution Asset Recovery Rider	%	0.0850120	D	178.76	178.76	178.76	178.76	178.76
Enhanced Service Reliability Rider	%	6.72393%	D	141.39	141.39	141.39	141.39	141.39
Total Bill			G	$6,707.43	$10,061.15	$12,073.37	$13,414.85	$21,799.14
			T	$1,090.32	$1,222.98	$1,302.58	$1,355.64	$1,687.29
			D	$3,593.48	$4,026.20	$4,285.81	$4,458.90	$5,540.67
			A	$11,391.23	$15,310.33	$17,661.76	$19,229.39	$29,027.10
				$1,366.95	$1,837.24	$2,119.41	$2,307.53	$3,483.25
				Minimum	Minimum	-	-	-

Edison Electric Institute
Typical Net Monthly Bills
August 2012

Ohio Power Company

GENERAL SERVICE-3-Sec

Bill Calculations		Rate Schedule Charges	kW / kWh	12 / 1,500	12 / 4,000	30 / 6,000	30 / 10,000	40 / 10,000	40 / 14,000
Customer Charge	$/mo.	22.79	D	$22.79	$22.79	$22.79	$22.79	$22.79	$22.79
Energy Charges	$/kWh	0.0013144	G	1.97	5.26	7.89	13.14	13.14	18.40
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	9.28	G	111.36	111.36	278.40	278.40	371.20	371.20
	$/kW	4.16	D	49.92	49.92	124.80	124.80	166.40	166.40
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$113.33	$116.62	$286.29	$291.54	$384.34	$389.60
			D	$72.71	$72.71	$147.59	$147.59	$189.19	$189.19
			A	$186.04	$189.33	$433.88	$439.13	$573.53	$578.79
Universal Service Fund	$/kWh	0.0024169	D	3.63	9.67	14.50	24.17	24.17	33.84
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	6.98	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	0.00	8.38	16.76	33.52	33.52	50.28
(Over 15,000)	$/kWh	0.00363	D	0.00	0.00	0.00	0.00	0.00	0.00
Provider of Last Resort Charge	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0022472	T	3.37	8.99	13.48	22.47	22.47	31.46
Transmission Cost Recovery	$/kW	2.37	T	28.44	28.44	71.10	71.10	94.80	94.80
Fuel Adjustment Clause	$/kWh	0.0342802	G	51.42	137.12	205.68	342.80	342.80	479.92
Phase-In Cost Recovery Rider	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0026073	D	3.91	10.43	15.64	26.07	26.07	36.50
EDR Cost Recover Rider	%	0.1406695		10.23	10.23	20.76	20.76	26.61	26.61
Environmental Rider	%	0.0655762	G	7.43	7.65	18.77	19.12	25.20	25.55
Distribution Asset Recovery Rider	%	0.0850120	D	6.18	6.18	12.55	12.55	16.08	16.08
Enhanced Service Reliability Rider	%	6.72393%	D	4.89	4.89	9.92	9.92	12.72	12.72
Total Bill			G	$172.18	$261.39	$510.74	$653.46	$752.34	$895.07
			T	$31.81	$37.43	$84.58	$93.57	$117.27	$126.26
			D	$108.53	$131.79	$247.02	$283.88	$337.66	$374.52
			A	$312.52	$430.61	$842.34	$1,030.91	$1,207.27	$1,395.85
				$37.50	$51.67	$101.08	$123.71	$144.87	$167.50
				-	-	-	-	-	Minimum

000000041

Bill Calculations		Rate Schedule Charges	kW / kWh	50 / 12,500	50 / 18,000	75 / 15,000	75 / 30,000	75 / 50,000
Customer Charge	$/mo.	22.79	D	$22.79	$22.79	$22.79	$22.79	$22.79
Energy Charges	$/kWh	0.0013144	G	16.43	23.66	19.72	39.43	65.72
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	9.28	G	464.00	464.00	696.00	696.00	696.00
	$/kW	4.16	D	208.00	208.00	312.00	312.00	312.00
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$480.43	$487.66	$715.72	$735.43	$761.72
			D	$230.79	$230.79	$334.79	$334.79	$334.79
			A	$711.22	$718.45	$1,050.51	$1,070.22	$1,096.51
Universal Service Fund	$/kWh	0.0024169	D	30.21	43.50	36.25	72.51	120.85
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	44.00	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	0.00	10.89	0.00	54.45	127.05
Provider of Last Resort Charge	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0022472	T	28.09	40.45	33.71	67.42	112.36
Transmission Cost Recovery	$/kW	2.3700000	T	118.50	118.50	177.75	177.75	177.75
Fuel Adjustment Clause	$/kWh	0.0342802	G	428.50	617.04	514.20	1028.41	1714.01
Phase-In Cost Recovery Rider	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0026073	D	32.59	46.93	39.11	78.22	130.37
EDR Cost Recover Rider	%	0.1406695		32.47	32.47	47.09	47.09	47.09
Environmental Rider	%	0.0655762	G	31.50	31.98	46.93	48.23	49.95
Distribution Asset Recovery Rider	%	0.0850120	D	19.62	19.62	28.46	28.46	28.46
Enhanced Service Reliability Rider	%	6.72393%	D	15.52	15.52	22.51	22.51	22.51
Total Bill			G	$940.43	$1,136.68	$1,276.85	$1,812.07	$2,525.68
			T	$146.59	$158.95	$211.46	$245.17	$290.11
			D	$414.50	$463.49	$571.98	$701.80	$874.89
			A	$1,501.52	$1,759.12	$2,060.29	$2,759.04	$3,690.68
				$180.18	$211.09	$247.23	$331.08	$442.88
				-	Minimum	-	Minimum	Minimum

Edison Electric Institute
Typical Net Monthly Bills
August 2012

Ohio Power Company

GENERAL SERVICE-3-Sec
(Cont'd.)

Bill Calculations		Rate Schedule Charges	kW / kWh	100 / 30,000	100 / 36,000	150 / 30,000	150 / 60,000	150 / 100,000
Customer Charge	$/mo.	22.79	D	$22.79	$22.79	$22.79	$22.79	$22.79
Energy Charges	$/kWh	0.0013144	G	39.43	47.32	39.43	78.86	131.44
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	9.28	G	928.00	928.00	1,392.00	1,392.00	1,392.00
	$/kW	4.16	D	416.00	416.00	624.00	624.00	624.00
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$967.43	$975.32	$1,431.43	$1,470.86	$1,523.44
			D	$438.79	$438.79	$646.79	$646.79	$646.79
			A	$1,406.22	$1,414.11	$2,078.22	$2,117.65	$2,170.23
Universal Service Fund	$/kWh	0.0024169	D	72.51	87.01	72.51	145.01	241.69
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	54.45	76.23	54.45	163.35	308.55
Provider of Last Resort Charge	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0022472	T	67.42	80.90	67.42	134.83	224.72
Transmission Cost Recovery	$/kW	2.3700000	T	237.00	237.00	355.50	355.50	355.50
Fuel Adjustment Clause	$/kWh	0.0342802	G	1028.41	1234.09	1028.41	2056.81	3428.02
Phase-In Cost Recovery Rider	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0026073	D	78.22	93.86	78.22	156.44	260.73
EDR Cost Recover Rider	%	0.1406695		61.72	61.72	90.98	90.98	90.98
Environmental Rider	%	0.0655762	G	63.44	63.96	93.87	96.45	99.90
Distribution Asset Recovery Rider	%	0.0850120	D	37.30	37.30	54.98	54.98	54.98
Enhanced Service Reliability Rider	%	6.72393%	D	29.50	29.50	43.49	43.49	43.49
Total Bill			G	$2,059.28	$2,273.37	$2,553.71	$3,624.12	$5,051.36
			T	$304.42	$317.90	$422.92	$490.33	$580.22
			D	$836.26	$888.18	$1,105.19	$1,364.81	$1,710.98
			A	$3,199.96	$3,479.45	$4,081.82	$5,479.26	$7,342.56
				$384.00	$417.53	$489.82	$657.51	$881.11
				-	Minimum	-	Minimum	Minimum

Bill Calculations		Rate Schedule Charges	kW / kWh	300 / 60,000	300 / 90,000	300 / 120,000	300 / 150,000	300 / 200,000
Customer Charge	$/mo.	22.79	D	$22.79	$22.79	$22.79	$22.79	$22.79
Energy Charges	$/kWh	0.0013144	G	78.86	118.30	157.73	197.16	262.88
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	9.28	G	2,784.00	2,784.00	2,784.00	2,784.00	2,784.00
	$/kW	4.16	D	1,248.00	1,248.00	1,248.00	1,248.00	1,248.00
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$2,862.86	$2,902.30	$2,941.73	$2,981.16	$3,046.88
			D	$1,270.79	$1,270.79	$1,270.79	$1,270.79	$1,270.79
			A	$4,133.65	$4,173.09	$4,212.52	$4,251.95	$4,317.67
Universal Service Fund	$/kWh	0.0024169	D	145.01	217.52	290.03	362.54	483.38
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	163.35	272.25	381.15	490.05	671.55
Provider of Last Resort Charge	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0022472	T	134.83	202.25	269.66	337.08	449.44
Transmission Cost Recovery	$/kW	2.3700000	T	711.00	711.00	711.00	711.00	711.00
Fuel Adjustment Clause	$/kWh	0.0342802	G	2056.81	3085.22	4113.62	5142.03	6856.04
Phase-In Cost Recovery Rider	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0026073	D	156.44	234.66	312.88	391.10	521.46
EDR Cost Recover Rider	%	0.1406695		178.76	178.76	178.76	178.76	178.76
Environmental Rider	%	0.0655762	G	187.74	190.32	192.91	195.49	199.80
Distribution Asset Recovery Rider	%	0.0850120	D	108.03	108.03	108.03	108.03	108.03
Enhanced Service Reliability Rider	%	6.72393%	D	85.45	85.45	85.45	85.45	85.45
Total Bill			G	$5,107.41	$6,177.84	$7,248.26	$8,318.68	$10,102.72
			T	$845.83	$913.25	$980.66	$1,048.08	$1,160.44
			D	$2,171.60	$2,431.23	$2,690.86	$2,950.49	$3,383.19
			A	$8,124.84	$9,522.32	$10,919.78	$12,317.25	$14,646.35
				$974.98	$1,142.68	$1,310.37	$1,478.07	$1,757.56
				-	-	Minimum	Minimum	Minimum

Edison Electric Institute
Typical Net Monthly Bills
August 2012

Ohio Power Company

GENERAL SERVICE-3-Sec (Cont'd.)

Bill Calculations		Rate Schedule Charges	kW / kWh	500 / 100,000	500 / 150,000	500 / 180,000	500 / 200,000	500 / 325,000
Customer Charge	$/mo.	22.79	D	$22.79	$22.79	$22.79	$22.79	$22.79
Energy Charges	$/kWh	0.0013144	G	131.44	197.16	236.59	262.88	427.18
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	9.28	G	4,640.00	4,640.00	4,640.00	4,640.00	4,640.00
	$/kW	4.16	D	2,080.00	2,080.00	2,080.00	2,080.00	2,080.00
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$4,771.44	$4,837.16	$4,876.59	$4,902.88	$5,067.18
			D	$2,102.79	$2,102.79	$2,102.79	$2,102.79	$2,102.79
			A	$6,874.23	$6,939.95	$6,979.38	$7,005.67	$7,169.97
Universal Service Fund	$/kWh	0.0024169	D	241.69	362.54	435.04	483.38	785.49
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	308.55	490.05	598.95	671.55	1125.30
Provider of Last Resort Charge	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0022472	T	224.72	337.08	404.50	449.44	730.34
Transmission Cost Recovery	$/kW	2.3700000	T	1185.00	1185.00	1185.00	1185.00	1185.00
Fuel Adjustment Clause	$/kWh	0.0342802	G	3428.02	5142.03	6170.44	6856.04	11141.07
Phase-In Cost Recovery Rider	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0026073	D	260.73	391.10	469.31	521.46	847.37
EDR Cost Recover Rider	%	0.1406695		295.80	295.80	295.80	295.80	295.80
Environmental Rider	%	0.0655762	G	312.89	317.20	319.79	321.51	332.29
Distribution Asset Recovery Rider	%	0.0850120	D	178.76	178.76	178.76	178.76	178.76
Enhanced Service Reliability Rider	%	6.72393%	D	141.39	141.39	141.39	141.39	141.39
Total Bill			G	$8,512.35	$10,296.39	$11,366.82	$12,080.43	$16,540.54
			T	$1,409.72	$1,522.08	$1,589.50	$1,634.44	$1,915.34
			D	$3,593.48	$4,026.20	$4,285.81	$4,458.90	$5,540.67
			A	$13,515.55	$15,844.67	$17,242.13	$18,173.77	$23,996.55
				$1,621.87	$1,901.36	$2,069.06	$2,180.85	$2,879.59
				-	-	Minimum	Minimum	Minimum

000000045

Edison Electric Institute
Typical Net Monthly Bills
August 2012

Ohio Power Company

GENERAL SERVICE-2-Pri

Bill Calculations		Rate Schedule Charges	kW / kWh	1,000 / 200,000	1,000 / 300,000	1,000 / 360,000	1,000 / 400,000	1,000 / 650,000
Customer Charge	$/mo.	95.47	D	$95.47	$95.47	$95.47	$95.47	$95.47
Energy Charges	$/kWh	0.0303627	G	6,072.54	9,108.81	10,930.57	12,145.08	19,735.76
		0.0000000	D	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	3.76	D	3,760.00	3,760.00	3,760.00	3,760.00	3,760.00
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$6,072.54	$9,108.81	$10,930.57	$12,145.08	$19,735.76
			D	$3,855.47	$3,855.47	$3,855.47	$3,855.47	$3,855.47
			A	$9,928.01	$12,964.28	$14,786.04	$16,000.55	$23,591.23
Universal Service Fund	$/kWh	0.0024169	D	483.38	725.07	870.08	966.76	1,570.99
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	671.55	1,034.55	1,252.35	1,397.55	2,305.05
Provider of Last Resort Charge	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0025581	T	511.62	767.43	920.92	1,023.24	1,662.77
Transmission Cost Recovery	$/kW	1.59	T	1,590.00	1,590.00	1,590.00	1,590.00	1,590.00
Fuel Adjustment Clause	$/kWh	0.0330910	G	6,618.20	9,927.30	11,912.76	13,236.40	21,509.15
Phase-In Cost Recovery Rider	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0026073	D	521.46	782.19	938.63	1,042.92	1,694.75
EDR Cost Recover Rider	%	0.1406695		542.35	542.35	542.35	542.35	542.35
Environmental Rider	%	0.0655762	G	398.21	597.32	716.79	796.43	1,294.20
Distribution Asset Recovery Rider	%	0.0850120	D	327.76	327.76	327.76	327.76	327.76
Enhanced Service Reliability Rider	%	6.72393%	D	259.24	259.24	259.24	259.24	259.24
Total Bill			G	$13,088.95	$19,633.43	$23,560.12	$26,177.91	$42,539.11
			T	$2,101.62	$2,357.43	$2,510.92	$2,613.24	$3,252.77
			D	$6,724.98	$7,590.40	$8,109.65	$8,455.82	$10,619.38
			A	$21,915.55	$29,581.26	$34,180.69	$37,246.97	$56,411.26
				$2,629.87	$3,549.75	$4,101.68	$4,469.64	$6,769.35
				Minimum	Minimum	-	-	-

000000046

GENERAL SERVICE-3-Pri

Bill Calculations		Rate Schedule Charges	kW / kWh	1,000 / 200,000	1,000 / 300,000	1,000 / 360,000	1,000 / 400,000	1,000 / 650,000
Customer Charge	$/mo.	95.47	D	$95.47	$95.47	$95.47	$95.47	$95.47
Energy Charges	$/kWh	0.0019129	G	382.58	573.87	688.64	765.16	1,243.39
		0.0000000	D	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	8.97	G	8,970.00	8,970.00	8,970.00	8,970.00	8,970.00
	$/kW	3.76	D	3,760.00	3,760.00	3,760.00	3,760.00	3,760.00
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$9,352.58	$9,543.87	$9,658.64	$9,735.16	$10,213.39
			D	$3,855.47	$3,855.47	$3,855.47	$3,855.47	$3,855.47
			A	$13,208.05	$13,399.34	$13,514.11	$13,590.63	$14,068.86
Universal Service Fund	$/kWh	0.0024169	D	483.38	725.07	870.08	966.76	1570.99
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	671.55	1034.55	1252.35	1397.55	2305.05
Provider of Last Resort Charge	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0021666	T	433.32	649.98	779.98	866.64	1408.29
Transmission Cost Recovery	$/kW	2.29	T	2290.00	2290.00	2290.00	2290.00	2290.00
Fuel Adjustment Clause	$/kWh	0.0330910	G	6618.20	9927.30	11912.76	13236.40	21509.15
Phase-In Cost Recovery Rider	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0026073	D	521.46	782.19	938.63	1042.92	1694.75
EDR Cost Recover Rider	%	0.1406695		542.35	542.35	542.35	542.35	542.35
Environmental Rider	%	0.0655762	G	613.31	625.85	633.38	638.39	669.76
Distribution Asset Recovery Rider	%	0.0850120	D	327.76	327.76	327.76	327.76	327.76
Enhanced Service Reliability Rider	%	6.72393%	D	259.24	259.24	259.24	259.24	259.24
Total Bill			G	$16,584.09	$20,097.02	$22,204.78	$23,609.95	$32,392.30
			T	$2,723.32	$2,939.98	$3,069.98	$3,156.64	$3,698.29
			D	$6,724.98	$7,590.40	$8,109.65	$8,455.82	$10,619.38
			A	$26,032.39	$30,627.40	$33,384.41	$35,222.41	$46,709.97
				$3,123.89	$3,675.29	$4,006.13	$4,226.69	$5,605.20
				-	-	Minimum	Minimum	Minimum

Edison Electric Institute
Typical Net Monthly Bills
August 2012

Ohio Power Company

GENERAL SERVICE-2-Sub

Bill Calculations		Rate Schedule Charges	kW / kWh	5,000 / 1,500,000	5,000 / 2,500,000	5,000 / 3,250,000
Customer Charge	$/mo.	512.00	D	$512.00	$512.00	$512.00
Energy Charges	$/kWh	0.0300940	G	45,141.00	75,235.00	97,805.50
	$/kWh	0.0000000	D	0.00	0.00	0.00
Demand Charges	$/kW	0	T	0.00	0.00	0.00
	$/kW	0.00	D	0.00	0.00	0.00
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00
Subtotal			G	$45,141.00	$75,235.00	$97,805.50
			D	$512.00	$512.00	$512.00
			A	$45,653.00	$75,747.00	$98,317.50
Univ. Serv. Fund < 833,000 KWH	$/kWh	0.0024169	D	2013.28	2013.28	2013.28
Univ. Serv. Fund > 833,000 KWH	$/kWh	0.0001681	D	112.12	280.22	406.30
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	5390.55	9020.55	11743.05
Provider of Last Resort Charge	$/kWh	0.0000000	D	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0024965	T	3744.75	6241.25	8113.63
Transmission Cost Recovery	$/kW	1.55	T	7750.00	7750.00	7750.00
Fuel Adjustment Clause	$/kWh	0.0324317	G	48647.55	81079.25	105403.03
Phase-In Cost Recovery Rider	$/kWh	0.0000000	D	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0026073	D	3910.95	6518.25	8473.73
EDR Cost Recover Rider	%	0.1406695	D	72.02	72.02	72.02
Environmental Rider	%	0.0655762	G	2960.18	4933.63	6413.71
Distribution Asset Recovery Rider	%	0.0850120	D	43.53	43.53	43.53
Enhanced Service Reliability Rider	%	6.72393%	D	34.43	34.43	34.43
Total Bill			G	$96,748.73	$161,247.88	$209,622.24
			T	$11,494.75	$13,991.25	$15,863.63
			D	$12,152.65	$18,558.05	$23,362.11
			A	$120,396.13	$193,797.18	$248,847.98
				$14,447.54	$23,255.66	$29,861.76
				Minimum	-	-

GENERAL SERVICE-3-Sub

		Rate Schedule Charges	kW / kWh	5,000 / 1,500,000	5,000 / 2,500,000	5,000 / 3,250,000
Bill Calculations						
Customer Charge	$/mo.	512.00	D	$512.00	$512.00	$512.00
Energy Charges	$/kWh	0.0022566	G	3,384.90	5,641.50	7,333.95
		0.0000000	D	0.00	0.00	0.00
Demand Charges	$/kW	8.72	G	43,600.00	43,600.00	43,600.00
	$/kW	0.00	T	0.00	0.00	0.00
	$/kW	0.00	D	0.00	0.00	0.00
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00
Subtotal			G	46,984.90	49,241.50	50,933.95
			D	$512.00	$512.00	$512.00
			A	$47,496.90	$49,753.50	$51,445.95
Univ. Serv. Fund < 833,000 KWH	$/kWh	0.0024169	D	2,013.28	2,013.28	2,013.28
Univ. Serv. Fund > 833,000 KWH	$/kWh	0.0001681	D	112.12	280.22	406.30
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	5,390.55	9,020.55	11,743.05
Provider of Last Resort Charge	$/kWh	0.0000000	D	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0021145	T	3,171.75	5,286.25	6,872.13
Transmission Cost Recovery	$/kW	2.23	T	11,150.00	11,150.00	11,150.00
Fuel Adjustment Clause	$/kWh	0.0324317	G	48,647.55	81,079.25	105,403.03
Phase-In Cost Recovery Rider	$/kWh	0.0000000	D	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0026073	D	3,910.95	6,518.25	8,473.73
EDR Cost Recover Rider	%	0.1406695	D	72.02	72.02	72.02
Environmental Rider	%	0.0655762	G	3,081.09	3,229.07	3,340.05
Distribution Asset Recovery Rider	%	0.0850120	D	43.53	43.53	43.53
Enhanced Service Reliability Rider	%	6.72393%	D	34.43	34.43	34.43
Total Bill			G	$98,713.54	$133,549.82	$159,677.03
			T	$14,321.75	$16,436.25	$18,022.13
			D	$12,152.65	$18,558.05	$23,362.11
			A	$125,187.94	$168,544.12	$201,061.27
				$15,022.55	$20,225.29	$24,127.35
				-	Minimum	Minimum

Edison Electric Institute
Typical Net Monthly Bills
August 2012

Ohio Power Company

GENERAL SERVICE-4-Sub

Bill Calculations		Rate Schedule Charges	kW / kWh	10,000 / 3,000,000	10,000 / 5,000,000	10,000 / 6,500,000	20,000 / 6,000,000	20,000 / 10,000,000	20,000 / 13,000,000
Customer Charge	$/mo.	512.00	D	$512.00	$512.00	$512.00	$512.00	$512.00	$512.00
Energy Charges	$/kWh	0.0005159	G	1,547.70	2,579.50	3,353.35	3,095.40	5,159.00	6,706.70
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	9.55	G	95,500.00	95,500.00	95,500.00	191,000.00	191,000.00	191,000.00
	$/kW	0.00	D	0.00	0.00	0.00	0.00	0.00	0.00
*Reactive Charges	$/kVAR	0.48	D	0.00	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$97,047.70	$98,079.50	$98,853.35	$194,095.40	$196,159.00	$197,706.70
			D	$512.00	$512.00	$512.00	$512.00	$512.00	$512.00
			A	$97,559.70	$98,591.50	$99,365.35	$194,607.40	$196,671.00	$198,218.70
Univ. Serv. Fund < 833,000 KWH	$/kWh	0.0024169	D	2013.28	2013.28	2013.28	2013.28	2013.28	2013.28
Univ. Serv. Fund > 833,000 KWH	$/kWh	0.0001681	D	364.27	700.47	952.62	868.57	1540.97	2045.27
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	10835.55	18095.55	23540.55	21725.55	36245.55	47135.55
Provider of Last Resort Charge	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0019855	T	5956.50	9927.50	12905.75	11913.00	19855.00	25811.50
Transmission Cost Recovery	$/kW	2.09	T	20900.00	20900.00	20900.00	41800.00	41800.00	41800.00
Fuel Adjustment Clause	$/kWh	0.0324317	G	97295.10	162158.50	210806.05	194590.20	324317.00	421612.10
Phase-In Cost Recovery Rider	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0003662	D	1098.60	1831.00	2380.30	2197.20	3662.00	4760.60
EDR Cost Recover Rider	%	0.1406695		72.02	72.02	72.02	72.02	72.02	72.02
Environmental Rider	%	0.0655762	G	6364.02	6431.68	6482.43	12728.04	12863.36	12964.85
Distribution Asset Recovery Rider	%	0.0850120	D	43.53	43.53	43.53	43.53	43.53	43.53
Enhanced Service Reliability Rider	%	6.72393%	D	34.43	34.43	34.43	34.43	34.43	34.43
Total Bill			G	$200,706.82	$266,669.68	$316,141.83	$401,413.64	$533,339.36	$632,283.65
			T	$26,856.50	$30,827.50	$33,805.75	$53,713.00	$61,655.00	$67,611.50
			D	$15,037.45	$23,366.05	$29,612.50	$27,530.35	$44,187.55	$56,680.45
			A	$242,600.77	$320,863.23	$379,560.08	$482,656.99	$639,181.91	$756,575.60
				$29,112.09	$38,503.59	$45,547.21	$57,918.84	$76,701.83	$90,789.07

GENERAL SERVICE-4-Tran

Bill Calculations		Rate Schedule Charges	kW / kWh	50,000 / 15,000,000	50,000 / 25,000,000	50,000 / 32,500,000
Customer Charge	$/mo.	512.00	D	$512.00	$512.00	$512.00
Energy Charges	$/kWh	0.0004747	G	7,120.50	11,867.50	15,427.75
	$/kWh	0.0000000	D	0.00	0.00	0.00
Demand Charges	$/kW	9.38	G	469,000.00	469,000.00	469,000.00
	$/kW	0.00	D	0.00	0.00	0.00
*Reactive Charges	$/kVAR	0.48	D	0.00	0.00	0.00
Subtotal			G	$476,120.50	$480,867.50	$484,427.75
			D	$512.00	$512.00	$512.00
			A	$476,632.50	$481,379.50	$484,939.75
Univ. Serv. Fund < 833,000 KWH	$/kWh	0.0024169	D	2013.28	2013.28	2013.28
Univ. Serv. Fund > 833,000 KWH	$/kWh	0.0001681	D	2381.47	4062.47	5323.22
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	54395.55	90695.55	117920.55
Provider of Last Resort Charge	$/kWh	0.0000000	D	0.00	0.00	0.00
Transmission Cost Recovery	$/kWh	0.0019855	T	29782.50	49637.50	64528.75
Transmission Cost Recovery	$/kW	2.09	T	104500.00	104500.00	104500.00
Fuel Adjustment Clause	$/kWh	0.0324317	G	486475.50	810792.50	1054030.25
Phase-In Cost Recovery Rider	$/kWh	0.0000000	D	0.00	0.00	0.00
EE&PDR Cost Recovery Rider	$/kWh	0.0003662	D	5493.00	9155.00	11901.50
EDR Cost Recover Rider	%	0.1406695		72.02	72.02	72.02
Environmental Rider	%	0.0655762	G	31222.17	31533.46	31766.93
Distribution Asset Recovery Rider	%	0.0850120	D	43.53	43.53	43.53
Enhanced Service Reliability Rider	%	6.72393%	D	34.43	34.43	34.43
Total Bill			G	$993,818.17	$1,323,193.46	$1,570,224.93
			T	$134,282.50	$154,137.50	$169,028.75
			D	$65,009.05	$106,652.05	$137,884.30
			A	$1,193,109.72	$1,583,983.01	$1,877,137.98
				$143,173.17	$190,077.96	$225,256.56

*Reactive charges billed for kVAR in excess of one-half of monthly metered kW.

Edison Electric Institute
Typical Net Monthly Bills
Current Rates

IEU Ex. 10

IEU-Ohio Ex. 10

Ohio Power Company

RESIDENTIAL

Bill Calculations		Rate Schedule Charges		100 kWh	250 kWh	500 kWh	750 kWh	1,000 kWh
Customer Charge	$/mo.	3.82	D	$3.82	$3.82	$3.82	$3.82	$3.82
Energy Charges								
First 800 kWh	$/kWh	0.0278195	G	2.78	6.95	13.91	20.86	22.26
	$/kWh	0.0235642	D	2.36	5.89	11.78	17.67	18.85
Over 800 kWh	$/kWh	0.0230461	G	0.00	0.00	0.00	0.00	4.61
	$/kWh	0.0171224	D	0.00	0.00	0.00	0.00	3.42
Subtotal			G	$2.78	$6.95	$13.91	$20.86	$26.87
			D	$6.18	$9.71	$15.60	$21.49	$26.09
			A	$8.96	$16.66	$29.51	$42.35	$52.96
Universal Service Fund	$/kWh	0.0056727	D	0.57	1.42	2.84	4.25	5.67
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	0.47	1.16	2.33	3.49	4.65
(Next 13,000)	$/kWh	0.00419	D	0.00	0.00	0.00	0.00	0.00
(Over 15,000)	$/kWh	0.00363	D	0.00	0.00	0.00	0.00	0.00
Retail Stability Rider	$/kWh	0.0046509	D	0.47	1.16	2.33	3.49	4.65
Transmission Cost Recovery	$/kWh	0.0115708	T	1.16	2.89	5.79	8.68	11.57
Transmission Under Recovery	$/kWh	0.0003295	T	0.03	0.08	0.16	0.25	0.33
Fuel Adjustment Clause	$/kWh	0.0382555	G	3.83	9.56	19.13	28.69	38.26
AER	$/kWh	0.0004868	G	0.05	0.12	0.24	0.37	0.49
Phase-In Cost Recovery Rider	$/kWh	0.0042220	D	0.42	1.06	2.11	3.17	4.22
EE&PDR Cost Recovery Rider	$/kWh	0.0028902	D	0.29	0.72	1.45	2.17	2.89
EDR Cost Recover Rider	%	13.05465%	D	0.81	1.27	2.04	2.81	3.41
Distribution Investment Rider	%	0.1116685	D	0.69	1.08	1.74	2.40	2.91
gridSMART[SM] Rider	$/mo.	0.10	D	0.10	0.10	0.10	0.10	0.10
Distribution Asset Recovery Rider	%	8.50120%	D	0.53	0.83	1.33	1.83	2.22
Residential Credit Rider	%	-3.58070%	D	(0.22)	(0.35)	(0.56)	(0.77)	(0.93)
Enhanced Service Reliability Rider	%	5.30956%	D	0.33	0.52	0.83	1.14	1.39
Total Bill			G	$6.66	$16.63	$33.28	$49.92	$65.62
			T	$1.19	$2.97	$5.95	$8.93	$11.90
			D	$10.63	$18.68	$32.14	$45.57	$57.26
			A	$18.48	$38.28	$71.37	$104.41	$134.78
				Minimum	Minimum	Minimum	Minimum	Minimum

000000052

Bill Calculations		Rate Schedule Charges		1,500 kWh	2,000 kWh	3,000 kWh	5,000 kWh	7,500 kWh
Customer Charge	$/mo.	3.82	D	$3.82	$3.82	$3.82	$3.82	$3.82
Energy Charges								
First 800 kWh	$/kWh	0.0278195	G	22.26	22.26	22.26	22.26	22.26
	$/kWh	0.0235642	D	18.85	18.85	18.85	18.85	18.85
Over 800 kWh	$/kWh	0.0230461	G	16.13	27.66	50.70	96.79	154.41
	$/kWh	0.0171224	D	11.99	20.55	37.67	71.91	114.72
Subtotal			G	38.39	49.92	72.96	119.05	176.67
			D	$34.66	$43.22	$60.34	$94.58	$137.39
			A	$73.05	$93.14	$133.30	$213.63	$314.06
Universal Service Fund	$/kWh	0.0056727	D	8.51	11.35	17.02	28.36	42.55
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	6.98	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	0.00	0.00	4.19	12.57	23.05
(Over 15,000)	$/kWh	0.00363	D	0.00	0.00	0.00	0.00	0.00
Retail Stability Rider	$/kWh	0.0046509	D	6.98	9.30	13.95	23.25	34.88
Transmission Cost Recovery	$/kWh	0.0115708	T	17.36	23.14	34.71	57.85	86.78
Transmission Under Recovery	$/kWh	0.0003295	T	0.49	0.66	0.99	1.65	2.47
Fuel Adjustment Clause	$/kWh	0.0382555	G	57.38	76.51	114.77	191.28	286.92
AER	$/kWh	0.0004868	G	0.73	0.97	1.46	2.43	3.65
Phase-In Cost Recovery Rider	$/kWh	0.0042220	D	6.33	8.44	12.67	21.11	31.67
EE&PDR Cost Recovery Rider	$/kWh	0.0028902	D	4.34	5.78	8.67	14.45	21.68
EDR Cost Recover Rider	%	0.1305465	D	4.52	5.64	7.88	12.35	17.94
Distribution Investment Rider	%	0.1116685	D	3.87	4.83	6.74	10.56	15.34
gridSMART[SM] Rider	$/mo.	0.10	D	0.10	0.10	0.10	0.10	0.10
Distribution Asset Recovery Rider	%	8.50120%	D	2.95	3.67	5.13	8.04	11.68
Residential Credit Rider	%	-3.58070%	D	(1.24)	(1.55)	(2.16)	(3.39)	(4.92)
Enhanced Service Reliability Rider	%	5.30956%	D	1.84	2.29	3.20	5.02	7.29
Total Bill			G	$96.50	$127.40	$189.19	$312.76	$467.24
			T	$17.85	$23.80	$35.70	$59.50	$89.25
			D	$79.84	$102.38	$147.03	$236.30	$347.95
			A	$194.19	$253.58	$371.92	$608.57	$904.44
				Minimum	Minimum	Minimum	Minimum	Minimum

Edison Electric Institute
Typical Net Monthly Bills
Current Rates

Ohio Power Company

GENERAL SERVICE-1-Sec

Bill Calculations		Rate Schedule Charges		kW / kWh	3 / 375	3 / 1,000	6 / 750	6 / 2,000
Customer Charge	$/mo.	13.17	D		$13.17	$13.17	$13.17	$13.17
Energy Charges	$/kWh	0.0364177	G		13.66	36.42	27.31	72.84
	$/kWh	0.0027999	D		1.05	2.80	2.10	5.60
Subtotal			G		$13.66	$36.42	$27.31	$72.84
			D		$14.22	$15.97	$15.27	$18.77
			A		$27.88	$52.39	$42.58	$91.61
Universal Service Fund	$/kWh	0.0056727	D		2.13	5.67	4.25	11.35
Advanced Energy Fund Rider	$/mo.	0.0000000	D		0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D		1.74	4.65	3.49	9.30
(Next 13,000)	$/kWh	0.00419	D		0.00	0.00	0.00	0.00
(Over 15,000)	$/kWh	0.00363	D		0.00	0.00	0.00	0.00
Retail Stability Rider	$/kWh	0.0029875	D		1.12	2.99	2.24	5.98
Transmission Cost Recovery	$/kWh	0.0089975	T		3.37	9.00	6.75	18.00
Transmission Under Recovery	$/kWh	0.0002104	T		0.08	0.21	0.16	0.42
Fuel Adjustment Clause	$/kWh	0.0382555	G		14.35	38.26	28.69	76.51
AER	$/kWh	0.0004868	G		0.18	0.49	0.37	0.97
Phase-In Cost Recovery Rider	$/kWh	0.0042220	D		1.58	4.22	3.17	8.44
EE&PDR Cost Recovery Rider	$/kWh	0.0026773	D		1.00	2.68	2.01	5.35
EDR Cost Recover Rider	%	0.1305465	D		1.86	2.08	1.99	2.45
Distribution Investment Rider	%	0.1116685	D		1.59	1.78	1.71	2.10
gridSMART^{SM} Rider	$/mo.	0.42	D		0.42	0.42	0.42	0.42
Distribution Asset Recovery Rider	%	0.0850120	D		1.21	1.36	1.30	1.60
Enhanced Service Reliability Rider	%	5.30956%	D		0.76	0.85	0.81	1.00
Total Bill			G		$28.19	$75.17	$56.37	$150.32
			T		$3.45	$9.21	$6.91	$18.42
			D		$27.63	$42.67	$36.66	$66.76
			A		$59.27	$127.04	$99.93	$235.50
					Minimum	Minimum	Minimum	Minimum

000000054

GENERAL SERVICE-2-Sec

Bill Calculations		Rate Schedule Charges		kW / kWh	12 / 1,500	12 / 4,000	30 / 6,000	30 / 10,000	40 / 10,000	40 / 14,000
Customer Charge	$/mo.	22.79	D		$22.79	$22.79	$22.79	$22.79	$22.79	$22.79
Energy Charges	$/kWh	0.0327941	G		49.19	131.18	196.76	327.94	327.94	459.12
	$/kWh	0.0000000	D		0.00	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	4.16	D		49.92	49.92	124.80	124.80	166.40	166.40
Exc. KVA Charges	$/kVA	3.82	D		0.00	0.00	0.00	0.00	0.00	0.00
Subtotal			G		$49.19	$131.18	$196.76	$327.94	$327.94	$459.12
			D		$72.71	$72.71	$147.59	$147.59	$189.19	$189.19
			A		$121.90	$203.89	$344.35	$475.53	$517.13	$648.31
Universal Service Fund	$/kWh	0.0056727	D		8.51	22.69	34.04	56.73	56.73	79.42
Advanced Energy Fund Rider	$/mo.	0.0000000	D		0.00	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D		6.98	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D		0.00	8.38	16.76	33.52	33.52	50.28
(Over 15,000)	$/kWh	0.00363	D		0.00	0.00	0.00	0.00	0.00	0.00
Retail Stability Rider	$/kWh	0.0029660	D		4.45	11.86	17.80	29.66	29.66	41.52
Transmission Cost Recovery	$/kWh	0.0051223	T		7.68	20.49	30.73	51.22	51.22	71.71
Transmission Cost Recovery	$/kW	1.54	T		18.48	18.48	46.20	46.20	61.60	61.60
Transmission Under Recovery	$/kWh	0.0000858	T		0.13	0.34	0.51	0.86	0.86	1.20
Transmission Under Recovery	$/kW	0.03	T		0.36	0.36	0.90	0.90	1.20	1.20
Fuel Adjustment Clause	$/kWh	0.0382555	G		57.38	153.02	229.53	382.56	382.56	535.58
AER	$/kWh	0.0004868	G		0.73	1.95	2.92	4.87	4.87	6.82
Phase-In Cost Recovery Rider	$/kWh	0.0042220	D		6.33	16.89	25.33	42.22	42.22	59.11
EE&PDR Cost Recovery Rider	$/kWh	0.0026773	D		4.02	10.71	16.06	26.77	26.77	37.48
EDR Cost Recover Rider	%	0.1305465	D		9.49	9.49	19.27	19.27	24.70	24.70
Distribution Investment Rider	%	0.1116685	D		8.12	8.12	16.48	16.48	21.13	21.13
gridSMART^{SM} Rider	$/mo.	0.42	D		0.42	0.42	0.42	0.42	0.42	0.42
Distribution Asset Recovery Rider	%	0.0850120	D		6.18	6.18	12.55	12.55	16.08	16.08
Enhanced Service Reliability Rider	%	5.30956%	D		3.86	3.86	7.84	7.84	10.05	10.05
Total Bill			G		$107.30	$286.15	$429.21	$715.37	$715.37	$1,001.52
			T		$26.65	$39.67	$78.34	$99.18	$114.88	$135.71
			D		$131.07	$180.61	$323.44	$402.35	$459.77	$538.68
			A		$265.02	$506.43	$830.99	$1,216.89	$1,290.02	$1,675.91
					Minimum	Minimum	Minimum	Minimum	Minimum	-

Edison Electric Institute
Typical Net Monthly Bills
Current Rates

Ohio Power Company

GENERAL SERVICE-2-Sec
(Cont'd)

Bill Calculations		Rate Schedule Charges	kW / kWh	50 / 12,500	50 / 18,000	75 / 15,000	75 / 30,000	75 / 50,000
Customer Charge	$/mo.	22.79	D	$22.79	$22.79	$22.79	$22.79	$22.79
Energy Charges	$/kWh	0.0327941	G	409.93	590.29	491.91	983.82	1,639.71
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	4.16	D	208.00	208.00	312.00	312.00	312.00
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$409.93	$590.29	$491.91	$983.82	$1,639.71
			D	$230.79	$230.79	$334.79	$334.79	$334.79
			A	$640.72	$821.08	$826.70	$1,318.61	$1,974.50
Universal Service Fund	$/kWh	0.0056727	D	70.91	102.11	85.09	170.18	283.64
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	44.00	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	0.00	10.89	0.00	54.45	127.05
Retail Stability Rider	$/kWh	0.0029660	D	37.08	53.39	44.49	88.98	148.30
Transmission Cost Recovery	$/kWh	0.0051223	T	64.03	92.20	76.83	153.67	256.12
Transmission Cost Recovery	$/kW	1.5400000	T	77.00	77.00	115.50	115.50	115.50
Transmission Under Recovery	$/kWh	0.0000858	T	1.07	1.54	1.29	2.57	4.29
Transmission Under Recovery	$/kW	0.0300000	T	1.50	1.50	2.25	2.25	2.25
Fuel Adjustment Clause	$/kWh	0.0382555	G	478.19	688.60	573.83	1147.67	1912.78
AER	$/kWh	0.0004868	G	6.09	8.76	7.30	14.60	24.34
Phase-In Cost Recovery Rider	$/kWh	0.0042220	D	52.78	76.00	63.33	126.66	211.10
EE&PDR Cost Recovery Rider	$/kWh	0.0026773	D	33.47	48.19	40.16	80.32	133.87
EDR Cost Recover Rider	%	0.1305465	D	30.13	30.13	43.71	43.71	43.71
Distribution Investment Rider	%	0.1116685	D	25.77	25.77	37.39	37.39	37.39
gridSMART^{SM} Rider	$/mo.	0.42	D	0.42	0.42	0.42	0.42	0.42
Distribution Asset Recovery Rider	%	0.0850120	D	19.62	19.62	28.46	28.46	28.46
Enhanced Service Reliability Rider	%	5.30956%	D	12.25	12.25	17.78	17.78	17.78
Total Bill			G	$894.21	$1,287.65	$1,073.04	$2,146.09	$3,576.63
			T	$143.60	$172.24	$195.87	$273.99	$378.16
			D	$566.52	$673.33	$759.39	$1,046.91	$1,430.28
			A	$1,604.32	$2,133.22	$2,028.30	$3,467.00	$5,385.27
				Minimum	-	Minimum	-	-

Bill Calculations		Rate Schedule Charges	kW / kWh	100 / 30,000	100 / 36,000	150 / 30,000	150 / 60,000	150 / 100,000
Customer Charge	$/mo.	22.79	D	$22.79	$22.79	$22.79	$22.79	$22.79
Energy Charges	$/kWh	0.0327941	G	983.82	1,180.59	983.82	1,967.65	3,279.41
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	4.16	D	416.00	416.00	624.00	624.00	624.00
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$983.82	$1,180.59	$983.82	$1,967.65	$3,279.41
			D	$438.79	$438.79	$646.79	$646.79	$646.79
			A	$1,422.61	$1,619.38	$1,630.61	$2,614.44	$3,926.20
Universal Service Fund	$/kWh	0.0056727	D	170.18	204.22	170.18	340.36	567.27
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	54.45	76.23	54.45	163.35	308.55
Retail Stability Rider	$/kWh	0.0029660	D	88.98	106.78	88.98	177.96	296.60
Transmission Cost Recovery	$/kWh	0.0051223	T	153.67	184.40	153.67	307.34	512.23
Transmission Cost Recovery	$/kW	1.5400000	T	154.00	154.00	231.00	231.00	231.00
Transmission Under Recovery	$/kWh	0.0000858	T	2.57	3.09	2.57	5.15	8.58
Transmission Under Recovery	$/kW	0.0300000	T	3.00	3.00	4.50	4.50	4.50
Fuel Adjustment Clause	$/kWh	0.0382555	G	1147.67	1377.20	1147.67	2295.33	3825.55
AER	$/kWh	0.0004868	G	14.60	17.52	14.60	29.21	48.68
Phase-In Cost Recovery Rider	$/kWh	0.0042220	D	126.66	151.99	126.66	253.32	422.20
EE&PDR Cost Recovery Rider	$/kWh	0.0026773	D	80.32	96.38	80.32	160.64	267.73
EDR Cost Recover Rider	%	0.1305465	D	57.28	57.28	84.44	84.44	84.44
Distribution Investment Rider	%	0.1116685	D	49.00	49.00	72.23	72.23	72.23
gridSMART^{SM} Rider	$/mo.	0.42	D	0.42	0.42	0.42	0.42	0.42
Distribution Asset Recovery Rider	%	0.0850120	D	37.30	37.30	54.98	54.98	54.98
Enhanced Service Reliability Rider	%	5.30956%	D	23.30	23.30	34.34	34.34	34.34
Total Bill			G	$2,146.09	$2,575.31	$2,146.09	$4,292.19	$7,153.64
			T	$313.24	$344.49	$391.74	$547.99	$756.31
			D	$1,190.45	$1,305.46	$1,477.56	$2,052.60	$2,819.32
			A	$3,649.79	$4,225.27	$4,015.40	$6,892.78	$10,729.27
				Minimum	-	Minimum	-	-

Edison Electric Institute
Typical Net Monthly Bills
Current Rates

Ohio Power Company

GENERAL SERVICE-2-Sec
(Cont'd)

Bill Calculations		Rate Schedule Charges	kW / kWh	300 / 60,000	300 / 90,000	300 / 120,000	300 / 150,000	300 / 200,000
Customer Charge	$/mo.	22.79	D	$22.79	$22.79	$22.79	$22.79	$22.79
Energy Charges	$/kWh	0.0327941	G	1,967.65	2,951.47	3,935.29	4,919.12	6,558.82
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	4.16	D	1,248.00	1,248.00	1,248.00	1,248.00	1,248.00
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$1,967.65	$2,951.47	$3,935.29	$4,919.12	$6,558.82
			D	$1,270.79	$1,270.79	$1,270.79	$1,270.79	$1,270.79
			A	$3,238.44	$4,222.26	$5,206.08	$6,189.91	$7,829.61
Universal Service Fund	$/kWh	0.0056727	D	340.36	510.54	680.72	850.91	1134.54
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	163.35	272.25	381.15	490.05	671.55
Retail Stability Rider	$/kWh	0.0029660	D	177.96	266.94	355.92	444.90	593.20
Transmission Cost Recovery	$/kWh	0.0051223	T	307.34	461.01	614.68	768.35	1024.46
Transmission Cost Recovery	$/kW	1.5400000	T	462.00	462.00	462.00	462.00	462.00
Transmission Under Recovery	$/kWh	0.0000858	T	5.15	7.72	10.30	12.87	17.16
Transmission Under Recovery	$/kW	0.0300000	T	9.00	9.00	9.00	9.00	9.00
Fuel Adjustment Clause	$/kWh	0.0382555	G	2295.33	3443.00	4590.66	5738.33	7651.10
AER	$/kWh	0.0004868	G	29.21	43.81	58.42	73.02	97.36
Phase-In Cost Recovery Rider	$/kWh	0.0042220	D	253.32	379.98	506.64	633.30	844.40
EE&PDR Cost Recovery Rider	$/kWh	0.0026773	D	160.64	240.96	321.28	401.60	535.46
EDR Cost Recover Rider	%	0.1305465	D	165.90	165.90	165.90	165.90	165.90
Distribution Investment Rider	%	0.1116685	D	141.91	141.91	141.91	141.91	141.91
gridSMART^{SM} Rider	$/mo.	0.42	D	0.42	0.42	0.42	0.42	0.42
Distribution Asset Recovery Rider	%	0.0850120	D	108.03	108.03	108.03	108.03	108.03
Enhanced Service Reliability Rider	%	5.30956%	D	67.47	67.47	67.47	67.47	67.47
Total Bill			G	$4,292.19	$6,438.28	$8,584.37	$10,730.47	$14,307.28
			T	$783.49	$939.73	$1,095.98	$1,252.22	$1,512.62
			D	$2,913.92	$3,488.96	$4,064.00	$4,639.05	$5,597.44
			A	$7,989.60	$10,866.97	$13,744.35	$16,621.74	$21,417.34
				Minimum	Minimum	-	-	-

Bill Calculations		Rate Schedule Charges	kW kWh	500 100,000	500 150,000	500 180,000	500 200,000	500 325,000
Customer Charge	$/mo.	22.79	D	$22.79	$22.79	$22.79	$22.79	$22.79
Energy Charges	$/kWh	0.0327941	G	3,279.41	4,919.12	5,902.94	6,558.82	10,658.08
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	4.16	D	2,080.00	2,080.00	2,080.00	2,080.00	2,080.00
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$3,279.41	$4,919.12	$5,902.94	$6,558.82	$10,658.08
			D	$2,102.79	$2,102.79	$2,102.79	$2,102.79	$2,102.79
			A	$5,382.20	$7,021.91	$8,005.73	$8,661.61	$12,760.87
Universal Service Fund	$/kWh	0.0056727	D	567.27	850.91	1021.09	1134.54	1843.63
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	308.55	490.05	598.95	671.55	1125.30
Retail Stability Rider	$/kWh	0.0029660	D	296.60	444.90	533.88	593.20	963.95
Transmission Cost Recovery	$/kWh	0.0051223	T	512.23	768.35	922.01	1024.46	1664.75
Transmission Cost Recovery	$/kW	1.5400000	T	770.00	770.00	770.00	770.00	770.00
Transmission Under Recovery	$/kWh	0.0000858		8.58	12.87	15.44	17.16	27.89
Transmission Under Recovery	$/kW	0.0300000		15.00	15.00	15.00	15.00	15.00
Fuel Adjustment Clause	$/kWh	0.0382555	G	3825.55	5738.33	6885.99	7651.10	12433.04
AER	$/kWh	0.0004868	G	48.68	73.02	87.62	97.36	158.21
Phase-In Cost Recovery Rider	$/kWh	0.0042220	D	422.20	633.30	759.96	844.40	1372.15
EE&PDR Cost Recovery Rider	$/kWh	0.0026773	D	267.73	401.60	481.91	535.46	870.12
EDR Cost Recover Rider	%	0.1305465	D	274.51	274.51	274.51	274.51	274.51
Distribution Investment Rider	%	0.1116685	D	234.82	234.82	234.82	234.82	234.82
gridSMART^{SM} Rider	$/mo.	0.42	D	0.42	0.42	0.42	0.42	0.42
Distribution Asset Recovery Rider	%	0.0850120	D	178.76	178.76	178.76	178.76	178.76
Enhanced Service Reliability Rider	%	5.30956%	D	111.65	111.65	111.65	111.65	111.65
Total Bill			G	$7,153.64	$10,730.47	$12,876.55	$14,307.28	$23,249.33
			T	$1,305.81	$1,566.22	$1,722.45	$1,826.62	$2,477.64
			D	$4,829.07	$5,787.48	$6,362.51	$6,745.87	$9,141.87
			A	$13,288.52	$18,084.17	$20,961.52	$22,879.77	$34,868.84
				Minimum	Minimum	-	-	-

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Edison Electric Institute
Typical Net Monthly Bills
Current Rates

Ohio Power Company

GENERAL SERVICE-3-Sec

Bill Calculations		Rate Schedule Charges	kW / kWh	12 / 1,500	12 / 4,000	30 / 6,000	30 / 10,000	40 / 10,000	40 / 14,000
Customer Charge	$/mo.	22.79	D	$22.79	$22.79	$22.79	$22.79	$22.79	$22.79
Energy Charges	$/kWh	0.0014006	G	2.10	5.60	8.40	14.01	14.01	19.61
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	9.89	G	118.68	118.68	296.70	296.70	395.60	395.60
	$/kW	4.16	D	49.92	49.92	124.80	124.80	166.40	166.40
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$120.78	$124.28	$305.10	$310.71	$409.61	$415.21
			D	$72.71	$72.71	$147.59	$147.59	$189.19	$189.19
			A	$193.49	$196.99	$452.69	$458.30	$598.80	$604.40
Universal Service Fund	$/kWh	0.0056727	D	8.51	22.69	34.04	56.73	56.73	79.42
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	6.98	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	0.00	8.38	16.76	33.52	33.52	50.28
(Over 15,000)	$/kWh	0.00363	D	0.00	0.00	0.00	0.00	0.00	0.00
Retail Stability Rider	$/kWh	0.0029660	D	4.45	11.86	17.80	29.66	29.66	41.52
Transmission Cost Recovery	$/kWh	0.0046084	T	6.91	18.43	27.65	46.08	46.08	64.52
Transmission Cost Recovery	$/kW	2.69	T	32.28	32.28	80.70	80.70	107.60	107.60
Transmission Under Recovery	$/kWh	0.0000868		0.13	0.35	0.52	0.87	0.87	1.22
Transmission Under Recovery	$/kW	0.05		0.60	0.60	1.50	1.50	2.00	2.00
Fuel Adjustment Clause	$/kWh	0.0382555	G	57.38	153.02	229.53	382.56	382.56	535.58
AER	$/kWh	0.0004868	G	0.73	1.95	2.92	4.87	4.87	6.82
Phase-In Cost Recovery Rider	$/kWh	0.0042220	D	6.33	16.89	25.33	42.22	42.22	59.11
EE&PDR Cost Recovery Rider	$/kWh	0.0026773	D	4.02	10.71	16.06	26.77	26.77	37.48
EDR Cost Recover Rider	%	0.1305465	D	9.49	9.49	19.27	19.27	24.70	24.70
Distribution Investment Rider	%	0.1116685	D	8.12	8.12	16.48	16.48	21.13	21.13
gridSMART^{SM} Rider	$/mo.	0.42	D	0.42	0.42	0.42	0.42	0.42	0.42
Distribution Asset Recovery Rider	%	0.0850120	D	6.18	6.18	12.55	12.55	16.08	16.08
Enhanced Service Reliability Rider	%	5.30956%	D	3.86	3.86	7.84	7.84	10.05	10.05
Total Bill			G	$178.89	$279.25	$537.55	$698.14	$797.04	$957.61
			T	$39.92	$51.66	$110.37	$129.15	$156.55	$175.34
			D	$131.07	$180.61	$323.44	$402.35	$459.77	$538.68
			A	$349.88	$511.52	$971.36	$1,229.63	$1,413.36	$1,671.63
				-	-	-	-	-	Minimum

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Bill Calculations		Rate Schedule Charges	kW / kWh	50 / 12,500	50 / 18,000	75 / 15,000	75 / 30,000	75 / 50,000
Customer Charge	$/mo.	22.79	D	$22.79	$22.79	$22.79	$22.79	$22.79
Energy Charges	$/kWh	0.0014006	G	17.51	25.21	21.01	42.02	70.03
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	9.89	G	494.50	494.50	741.75	741.75	741.75
	$/kW	4.16	D	208.00	208.00	312.00	312.00	312.00
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$512.01	$519.71	$762.76	$783.77	$811.78
			D	$230.79	$230.79	$334.79	$334.79	$334.79
			A	$742.80	$750.50	$1,097.55	$1,118.56	$1,146.57
Universal Service Fund	$/kWh	0.0056727	D	70.91	102.11	85.09	170.18	283.64
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	44.00	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	0.00	10.89	0.00	54.45	127.05
Retail Stability Rider	$/kWh	0.0029660	D	37.08	53.39	44.49	88.98	148.30
Transmission Cost Recovery	$/kWh	0.0046084	T	57.61	82.95	69.13	138.25	230.42
Transmission Cost Recovery	$/kW	2.6900000	T	134.50	134.50	201.75	201.75	201.75
Transmission Under Recovery	$/kWh	0.0000868		1.09	1.56	1.30	2.60	4.34
Transmission Under Recovery	$/kW	0.0500000		2.50	2.50	3.75	3.75	3.75
Fuel Adjustment Clause	$/kWh	0.0382555	G	478.19	688.60	573.83	1147.67	1912.78
AER	$/kWh	0.0004868	G	6.09	8.76	7.30	14.60	24.34
Phase-In Cost Recovery Rider	$/kWh	0.0042220	D	52.78	76.00	63.33	126.66	211.10
EE&PDR Cost Recovery Rider	$/kWh	0.0026773	D	33.47	48.19	40.16	80.32	133.87
EDR Cost Recover Rider	%	0.1305465	D	30.13	30.13	43.71	43.71	43.71
Distribution Investment Rider	%	0.1116685	D	25.77	25.77	37.39	37.39	37.39
gridSMART^{SM} Rider	$/mo.	0.42	D	0.42	0.42	0.42	0.42	0.42
Distribution Asset Recovery Rider	%	0.0850120	D	19.62	19.62	28.46	28.46	28.46
Enhanced Service Reliability Rider	%	5.30956%	D	12.25	12.25	17.78	17.78	17.78
Total Bill			G	$996.29	$1,217.07	$1,343.89	$1,946.04	$2,748.90
			T	$195.70	$221.51	$275.93	$346.35	$440.26
			D	$566.52	$673.33	$759.39	$1,046.91	$1,430.28
			A	$1,758.50	$2,111.91	$2,379.21	$3,339.31	$4,619.44
				-	Minimum	-	Minimum	Minimum

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Edison Electric Institute
Typical Net Monthly Bills
Current Rates

Ohio Power Company

GENERAL SERVICE-3-Sec
(Cont'd.)

Bill Calculations		Rate Schedule Charges	kW / kWh	100 / 30,000	100 / 36,000	150 / 30,000	150 / 60,000	150 / 100,000
Customer Charge	$/mo.	22.79	D	$22.79	$22.79	$22.79	$22.79	$22.79
Energy Charges	$/kWh	0.0014006	G	42.02	50.42	42.02	84.04	140.06
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	9.89	G	989.00	989.00	1,483.50	1,483.50	1,483.50
	$/kW	4.16	D	416.00	416.00	624.00	624.00	624.00
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$1,031.02	$1,039.42	$1,525.52	$1,567.54	$1,623.56
			D	$438.79	$438.79	$646.79	$646.79	$646.79
			A	$1,469.81	$1,478.21	$2,172.31	$2,214.33	$2,270.35
Universal Service Fund	$/kWh	0.0056727	D	170.18	204.22	170.18	340.36	567.27
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	54.45	76.23	54.45	163.35	308.55
Retail Stability Rider	$/kWh	0.0029660	D	88.98	106.78	88.98	177.96	296.60
Transmission Cost Recovery	$/kWh	0.0046084	T	138.25	165.90	138.25	276.50	460.84
Transmission Cost Recovery	$/kW	2.6900000	T	269.00	269.00	403.50	403.50	403.50
Transmission Under Recovery	$/kWh	0.0000868	T	2.60	3.12	2.60	5.21	8.68
Transmission Under Recovery	$/kW	0.0500000	T	5.00	5.00	7.50	7.50	7.50
Fuel Adjustment Clause	$/kWh	0.0382555	G	1147.67	1377.20	1147.67	2295.33	3825.55
Transmission Under Recovery	$/kWh	0.0000868		2.60	3.12	2.60	5.21	8.68
Transmission Under Recovery	$/kW	0.0500000		5.00	5.00	7.50	7.50	7.50
AER	$/kWh	0.0004868	G	14.60	17.52	14.60	29.21	48.68
Phase-In Cost Recovery Rider	$/kWh	0.0042220	D	126.66	151.99	126.66	253.32	422.20
EE&PDR Cost Recovery Rider	$/kWh	0.0026773	D	80.32	96.38	80.32	160.64	267.73
EDR Cost Recover Rider	%	0.1305465	D	57.28	57.28	84.44	84.44	84.44
Distribution Investment Rider	%	0.1116685	D	49.00	49.00	72.23	72.23	72.23
gridSMART^{SM} Rider	$/mo.	0.42	D	0.42	0.42	0.42	0.42	0.42
Distribution Asset Recovery Rider	%	0.0850120	D	37.30	37.30	54.98	54.98	54.98
Enhanced Service Reliability Rider	%	5.30956%	D	23.30	23.30	34.34	34.34	34.34
Total Bill			G	$2,193.29	$2,434.14	$2,687.79	$3,892.08	$5,497.79
			T	$414.85	$443.02	$551.85	$692.71	$880.52
			D	$1,190.45	$1,305.46	$1,477.56	$2,052.60	$2,819.32
			A	$3,798.60	$4,182.63	$4,717.21	$6,637.39	$9,197.63
				-	Minimum	-	Minimum	Minimum

Bill Calculations		Rate Schedule Charges	kW / kWh	300 / 60,000	300 / 90,000	300 / 120,000	300 / 150,000	300 / 200,000
Customer Charge	$/mo.	22.79	D	$22.79	$22.79	$22.79	$22.79	$22.79
Energy Charges	$/kWh	0.0014006	G	84.04	126.05	168.07	210.09	280.12
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	9.89	G	2,967.00	2,967.00	2,967.00	2,967.00	2,967.00
	$/kW	4.16	D	1,248.00	1,248.00	1,248.00	1,248.00	1,248.00
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$3,051.04	$3,093.05	$3,135.07	$3,177.09	$3,247.12
			D	$1,270.79	$1,270.79	$1,270.79	$1,270.79	$1,270.79
			A	$4,321.83	$4,363.84	$4,405.86	$4,447.88	$4,517.91
Universal Service Fund	$/kWh	0.0056727	D	340.36	510.54	680.72	850.91	1134.54
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	163.35	272.25	381.15	490.05	671.55
Retail Stability Rider	$/kWh	0.0029660	D	177.96	266.94	355.92	444.90	593.20
Transmission Cost Recovery	$/kWh	0.0046084	T	276.50	414.76	553.01	691.26	921.68
Transmission Cost Recovery	$/kW	2.6900000	T	807.00	807.00	807.00	807.00	807.00
Transmission Under Recovery	$/kWh	0.0000868	T	5.21	7.81	10.42	13.02	17.36
Transmission Under Recovery	$/kW	0.0500000	T	15.00	15.00	15.00	15.00	15.00
Fuel Adjustment Clause	$/kWh	0.0382555	G	2295.33	3443.00	4590.66	5738.33	7651.10
AER	$/kWh	0.0004868	G	29.21	43.81	58.42	73.02	97.36
Phase-In Cost Recovery Rider	$/kWh	0.0042220	D	253.32	379.98	506.64	633.30	844.40
EE&PDR Cost Recovery Rider	$/kWh	0.0026773	D	160.64	240.96	321.28	401.60	535.46
EDR Cost Recover Rider	%	0.1305465	D	165.90	165.90	165.90	165.90	165.90
Distribution Investment Rider	%	0.1116685	D	141.91	141.91	141.91	141.91	141.91
gridSMART^{SM} Rider	$/mo.	0.42	D	0.42	0.42	0.42	0.42	0.42
Distribution Asset Recovery Rider	%	0.0850120	D	108.03	108.03	108.03	108.03	108.03
Enhanced Service Reliability Rider	%	5.30956%	D	67.47	67.47	67.47	67.47	67.47
Total Bill			G	$5,375.58	$6,579.86	$7,784.15	$8,988.44	$10,995.58
			T	$1,103.71	$1,244.57	$1,385.43	$1,526.28	$1,761.04
			D	$2,913.92	$3,468.96	$4,064.00	$4,639.05	$5,597.44
			A	$9,393.21	$11,313.39	$13,233.58	$15,153.77	$18,354.06
				-	-	Minimum	Minimum	Minimum

Edison Electric Institute
Typical Net Monthly Bills
Current Rates

Ohio Power Company

GENERAL SERVICE-3-Sec
(Cont'd.)

Bill Calculations		Rate Schedule Charges	kW / kWh	500 / 100,000	500 / 150,000	500 / 180,000	500 / 200,000	500 / 325,000
Customer Charge	$/mo.	22.79	D	$22.79	$22.79	$22.79	$22.79	$22.79
Energy Charges	$/kWh	0.0014006	G	140.06	210.09	252.11	280.12	455.20
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	9.89	G	4,945.00	4,945.00	4,945.00	4,945.00	4,945.00
	$/kW	4.16	D	2,080.00	2,080.00	2,080.00	2,080.00	2,080.00
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$5,085.06	$5,155.09	$5,197.11	$5,225.12	$5,400.20
			D	$2,102.79	$2,102.79	$2,102.79	$2,102.79	$2,102.79
			A	$7,187.85	$7,257.88	$7,299.90	$7,327.91	$7,502.99
Universal Service Fund	$/kWh	0.0056727	D	567.27	850.91	1021.09	1134.54	1843.63
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	308.55	490.05	598.95	671.55	1125.30
Retail Stability Rider	$/kWh	0.0029660	D	296.60	444.90	533.88	593.20	963.95
Transmission Cost Recovery	$/kWh	0.0046084	T	460.84	691.26	829.51	921.68	1497.73
Transmission Cost Recovery	$/kW	2.6900000	T	1345.00	1345.00	1345.00	1345.00	1345.00
Transmission Under Recovery	$/kWh	0.0000868	T	8.68	13.02	15.62	17.36	28.21
Transmission Under Recovery	$/kW	0.0500000	T	25.00	25.00	25.00	25.00	25.00
Fuel Adjustment Clause	$/kWh	0.0382555	G	3825.55	5738.33	6885.99	7651.10	12433.04
AER	$/kWh	0.0004868	G	48.68	73.02	87.62	97.36	158.21
Phase-In Cost Recovery Rider	$/kWh	0.0042220	D	422.20	633.30	759.96	844.40	1372.15
EE&PDR Cost Recovery Rider	$/kWh	0.0026773	D	267.73	401.60	481.91	535.46	870.12
EDR Cost Recover Rider	%	0.1305465	D	274.51	274.51	274.51	274.51	274.51
Distribution Investment Rider	%	0.1116685	D	234.82	234.82	234.82	234.82	234.82
gridSMART^{SM} Rider	$/mo.	0.42	D	0.42	0.42	0.42	0.42	0.42
Distribution Asset Recovery Rider	%	0.0850120	D	178.76	178.76	178.76	178.76	178.76
Enhanced Service Reliability Rider	%	5.30956%	D	111.65	111.65	111.65	111.65	111.65
Total Bill			G	$8,959.29	$10,966.44	$12,170.72	$12,973.58	$17,991.45
			T	$1,839.52	$2,074.28	$2,215.13	$2,309.04	$2,895.94
			D	$4,829.07	$5,787.48	$6,362.51	$6,745.87	$9,141.87
			A	$15,627.88	$18,828.20	$20,748.37	$22,028.49	$30,029.26
				-	-	Minimum	Minimum	Minimum

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Edison Electric Institute
Typical Net Monthly Bills
Current Rates

Ohio Power Company

GENERAL SERVICE-2-Pri

Bill Calculations		Rate Schedule Charges		kW / kWh				
				1,000 200,000	1,000 300,000	1,000 360,000	1,000 400,000	1,000 650,000
Customer Charge	$/mo.	95.47	D	$95.47	$95.47	$95.47	$95.47	$95.47
Energy Charges	$/kWh	0.0323538	G	6,470.76	9,706.14	11,647.37	12,941.52	21,029.97
		0.0000000	D	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	3.76	D	3,760.00	3,760.00	3,760.00	3,760.00	3,760.00
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$6,470.76	$9,706.14	$11,647.37	$12,941.52	$21,029.97
			D	$3,855.47	$3,855.47	$3,855.47	$3,855.47	$3,855.47
			A	$10,326.23	$13,561.61	$15,502.84	$16,796.99	$24,885.44
Universal Service Fund	$/kWh	0.0056727	D	1,134.54	1,701.81	2,042.17	2,269.08	3,687.26
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	671.55	1,034.55	1,252.35	1,397.55	2,305.05
Retail Stability Rider	$/kWh	0.0029660	D	593.20	889.80	1,067.76	1,186.40	1,927.90
Transmission Cost Recovery	$/kWh	0.0049448	T	988.96	1,483.44	1,780.13	1,977.92	3,214.12
Transmission Cost Recovery	$/kW	1.49	T	1,490.00	1,490.00	1,490.00	1,490.00	1,490.00
Transmission Under Recovery	$/kWh	0.0000828	T	16.56	24.84	29.81	33.12	53.82
Transmission Under Recovery	$/kW	0.03	T	30.00	30.00	30.00	30.00	30.00
Fuel Adjustment Clause	$/kWh	0.0369285	G	7,385.70	11,078.55	13,294.26	14,771.40	24,003.53
AER	$/kWh	0.0004700	G	94.00	141.00	169.20	188.00	305.50
Phase-In Cost Recovery Rider	$/kWh	0.0040760	D	815.20	1,222.80	1,467.36	1,630.40	2,649.40
EE&PDR Cost Recovery Rider	$/kWh	0.0026773	D	535.46	803.19	963.83	1,070.92	1,740.25
EDR Cost Recover Rider	%	0.1305465	D	503.32	503.32	503.32	503.32	503.32
Distribution Investment Rider	%	0.1116685	D	430.53	430.53	430.53	430.53	430.53
gridSMART^{SM} Rider	$/mo.	0.42	D	0.42	0.42	0.42	0.42	0.42
Distribution Asset Recovery Rider	%	0.0850120	D	327.76	327.76	327.76	327.76	327.76
Enhanced Service Reliability Rider	%	5.30956%	D	204.71	204.71	204.71	204.71	204.71
Total Bill			G	$13,950.46	$20,925.69	$25,110.83	$27,900.92	$45,339.00
			T	$2,525.52	$3,028.28	$3,329.94	$3,531.04	$4,787.94
			D	$9,135.93	$11,038.13	$12,179.45	$12,940.33	$17,695.84
			A	$25,611.91	$34,992.10	$40,620.22	$44,372.29	$67,822.78
				Minimum	Minimum	-	-	-

GENERAL SERVICE-3-Pri

Bill Calculations		Rate Schedule Charges	kW / kWh	1,000 / 200,000	1,000 / 300,000	1,000 / 360,000	1,000 / 400,000	1,000 / 650,000
Customer Charge	$/mo.	95.47	D	$95.47	$95.47	$95.47	$95.47	$95.47
Energy Charges	$/kWh	0.0020383	G	407.66	611.49	733.79	815.32	1,324.90
		0.0000000	D	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	9.56	G	9,560.00	9,560.00	9,560.00	9,560.00	9,560.00
	$/kW	3.76	D	3,760.00	3,760.00	3,760.00	3,760.00	3,760.00
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$9,967.66	$10,171.49	$10,293.79	$10,375.32	$10,884.90
			D	$3,855.47	$3,855.47	$3,855.47	$3,855.47	$3,855.47
			A	$13,823.13	$14,026.96	$14,149.26	$14,230.79	$14,740.37
Universal Service Fund	$/kWh	0.0056727	D	1134.54	1701.81	2042.17	2269.08	3687.26
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	671.55	1034.55	1252.35	1397.55	2305.05
Retail Stability Rider	$/kWh	0.0029660	D	593.20	889.80	1067.76	1186.40	1927.90
Transmission Cost Recovery	$/kWh	0.0044487	T	889.74	1334.61	1601.53	1779.48	2891.66
Transmission Cost Recovery	$/kW	2.60	T	2600.00	2600.00	2600.00	2600.00	2600.00
Transmission Under Recovery	$/kWh	0.0000838	T	16.76	25.14	30.17	33.52	54.47
Transmission Under Recovery	$/kW	0.05	T	50.00	50.00	50.00	50.00	50.00
Fuel Adjustment Clause	$/kWh	0.0369285	G	7385.70	11078.55	13294.26	14771.40	24003.53
AER	$/kWh	0.0004700	G	94.00	141.00	169.20	188.00	305.50
Phase-In Cost Recovery Rider	$/kWh	0.0040760	D	815.20	1222.80	1467.36	1630.40	2649.40
EE&PDR Cost Recovery Rider	$/kWh	0.0026773	D	535.46	803.19	963.83	1070.92	1740.25
EDR Cost Recover Rider	%	0.1305465	D	503.32	503.32	503.32	503.32	503.32
Distribution Investment Rider	%	0.1116685	D	430.53	430.53	430.53	430.53	430.53
gridSMART^{SM} Rider	$/mo.	0.42	D	0.42	0.42	0.42	0.42	0.42
Distribution Asset Recovery Rider	%	0.0850120	D	327.76	327.76	327.76	327.76	327.76
Enhanced Service Reliability Rider	%	5.30956%	D	204.71	204.71	204.71	204.71	204.71
Total Bill			G	$17,447.36	$21,391.04	$23,757.25	$25,334.72	$35,193.93
			T	$3,556.50	$4,009.75	$4,281.70	$4,463.00	$5,596.13
			D	$9,135.93	$11,038.13	$12,179.45	$12,940.33	$17,695.84
			A	$30,139.79	$36,438.92	$40,218.40	$42,738.05	$58,485.90
				-	-	Minimum	Minimum	Minimum

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Edison Electric Institute
Typical Net Monthly Bills
Current Rates

Ohio Power Company

GENERAL SERVICE-2-Sub

Bill Calculations		Rate Schedule Charges	kW / kWh	5,000 / 1,500,000	5,000 / 2,500,000	5,000 / 3,250,000
Customer Charge	$/mo.	512.00	D	$512.00	$512.00	$512.00
Energy Charges	$/kWh	0.0320675	G	48,101.25	80,168.75	104,219.38
	$/kWh	0.0000000	D	0.00	0.00	0.00
Demand Charges	$/kW	0	T	0.00	0.00	0.00
	$/kW	0.00	D	0.00	0.00	0.00
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00
Subtotal			G	$48,101.25	$80,168.75	$104,219.38
			D	$512.00	$512.00	$512.00
			A	$48,613.25	$80,680.75	$104,731.38
Univ. Serv. Fund < 833,000 KWH	$/kWh	0.0056727	D	4725.36	4725.36	4725.36
Univ. Serv. Fund > 833,000 KWH	$/kWh	0.0001681	D	112.12	280.22	406.30
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	5390.55	9020.55	11743.05
Retail Stability Rider	$/kWh	0.0029660	D	4449.00	7415.00	9639.50
Transmission Cost Recovery	$/kWh	0.0048310	T	7246.50	12077.50	15700.75
Transmission Cost Recovery	*$/kW*	*1.45*	*T*	*7250.00*	*7250.00*	*7250.00*
Transmission Under Recovery	$/kWh	0.0000809		121.35	202.25	262.93
Transmission Under Recovery	$/kW	0.03		150.00	150.00	150.00
Fuel Adjustment Clause	$/kWh	0.0361927	G	54289.05	90481.75	117626.28
AER	$/kWh	0.0004606	G	690.90	1151.50	1496.95
Phase-In Cost Recovery Rider	$/kWh	0.0039940	D	5991.00	9985.00	12980.50
EE&PDR Cost Recovery Rider	$/kWh	0.0026773	D	4015.95	6693.25	8701.23
EDR Cost Recover Rider	%	0.1305465	D	66.84	66.84	66.84
Distribution Investment Rider	%	0.1116685	D	57.17	57.17	57.17
gridSMART^{SM} Rider	$/mo.	0.42	D	0.42	0.42	0.42
Distribution Asset Recovery Rider	%	0.0850120	D	43.53	43.53	43.53
Enhanced Service Reliability Rider	%	5.30956%	D	27.18	27.18	27.18
Total Bill			G	$103,081.20	$171,802.00	$223,342.61
			T	$14,767.85	$19,679.75	$23,363.68
			D	$25,454.89	$38,890.29	$48,966.85
			A	$143,303.94	$230,372.04	$295,673.14
				Minimum	-	-

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GENERAL SERVICE-3-Sub

Bill Calculations		Rate Schedule Charges	kW / kWh	5,000 / 1,500,000	5,000 / 2,500,000	5,000 / 3,250,000
Customer Charge	$/mo.	512.00	D	$512.00	$512.00	$512.00
Energy Charges	$/kWh	0.0024046	G	3,606.90	6,011.50	7,814.95
		0.0000000	D	0.00	0.00	0.00
Demand Charges	$/kW	9.29	G	46,450.00	46,450.00	46,450.00
	$/kW	0.00	T	0.00	0.00	0.00
	$/kW	0.00	D	0.00	0.00	0.00
Exc. KVA Charges	$/kVA	3.82	D	0.00	0.00	0.00
Subtotal			G	50,056.90	52,461.50	54,264.95
			D	$512.00	$512.00	$512.00
			A	$50,568.90	$52,973.50	$54,776.95
Univ. Serv. Fund < 833,000 KWH	$/kWh	0.0056727	D	4,725.36	4,725.36	4,725.36
Univ. Serv. Fund > 833,000 KWH	$/kWh	0.0001681	D	112.12	280.22	406.30
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	5,390.55	9,020.55	11,743.05
Retail Stability Rider	$/kWh	0.0029660	D	4,449.00	7,415.00	9,639.50
Transmission Cost Recovery	$/kWh	0.0043463	T	6,519.45	10,865.75	14,125.48
Transmission Cost Recovery	$/kW	2.54	T	12,700.00	12,700.00	12,700.00
Transmission Under Recovery	$/kWh	0.0000838		125.70	209.50	272.35
Transmission Under Recovery	$/kW	0.05		250.00	250.00	250.00
Fuel Adjustment Clause	$/kWh	0.0361927	G	54,289.05	90,481.75	117,626.28
AER	$/kWh	0.0004606	G	690.90	1,151.50	1,496.95
Phase-In Cost Recovery Rider	$/kWh	0.0039940	D	5,991.00	9,985.00	12,980.50
EE&PDR Cost Recovery Rider	$/kWh	0.0026773	D	4,015.95	6,693.25	8,701.23
EDR Cost Recover Rider	%	0.1305465	D	66.84	66.84	66.84
Distribution Investment Rider	%	0.1116685	D	57.17	57.17	57.17
gridSMART^{SM} Rider	$/mo.	0.42	D	0.42	0.42	0.42
Distribution Asset Recovery Rider	%	0.0850120	D	43.53	43.53	43.53
Enhanced Service Reliability Rider	%	5.30956%	D	27.18	27.18	27.18
Total Bill			G	$105,036.85	$144,094.75	$173,388.18
			T	$19,595.15	$24,025.25	$27,347.83
			D	$25,454.89	$38,890.29	$48,966.85
			A	$150,086.89	$207,010.29	$249,702.86
				-	Minimum	Minimum

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Edison Electric Institute
Typical Net Monthly Bills
Current Rates

Ohio Power Company

GENERAL SERVICE-4-Sub

Bill Calculations		Rate Schedule Charges	kW / kWh	10,000 / 3,000,000	10,000 / 5,000,000	10,000 / 6,500,000	20,000 / 6,000,000	20,000 / 10,000,000	20,000 / 13,000,000
Customer Charge	$/mo.	512.00	D	$512.00	$512.00	$512.00	$512.00	$512.00	$512.00
Energy Charges	$/kWh	0.0005497	G	1,649.10	2,748.50	3,573.05	3,298.20	5,497.00	7,146.10
	$/kWh	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
Demand Charges	$/kW	10.18	G	101,800.00	101,800.00	101,800.00	203,600.00	203,600.00	203,600.00
	$/kW	0.00	D	0.00	0.00	0.00	0.00	0.00	0.00
*Reactive Charges	$/kVAR	0.48	D	0.00	0.00	0.00	0.00	0.00	0.00
Subtotal			G	$103,449.10	$104,548.50	$105,373.05	$206,898.20	$209,097.00	$210,746.10
			D	$512.00	$512.00	$512.00	$512.00	$512.00	$512.00
			A	$103,961.10	$105,060.50	$105,885.05	$207,410.20	$209,609.00	$211,258.10
Univ. Serv. Fund < 833,000 KWH	$/kWh	0.0056727	D	4725.36	4725.36	4725.36	4725.36	4725.36	4725.36
Univ. Serv. Fund > 833,000 KWH	$/kWh	0.0001681	D	364.27	700.47	952.62	868.57	1540.97	2045.27
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	10835.55	18095.55	23540.55	21725.55	36245.55	47135.55
Retail Stability Rider	$/kWh	0.0029660	D	8898.00	14830.00	19279.00	17796.00	29660.00	38558.00
Transmission Cost Recovery	$/kWh	0.0033770	T	10131.00	16885.00	21950.50	20262.00	33770.00	43901.00
Transmission Cost Recovery	$/kW	2.1000000	T	21000.00	21000.00	21000.00	42000.00	42000.00	42000.00
Transmission Under Recovery	$/kWh	0.0000854		256.20	427.00	555.10	512.40	854.00	1110.20
Transmission Under Recovery	$/kW	0.0500000		500.00	500.00	500.00	1000.00	1000.00	1000.00
Fuel Adjustment Clause	$/kWh	0.0361927	G	108578.10	180963.50	235252.55	217156.20	361927.00	470505.10
AER	$/kWh	0.0004606	G	1381.80	2303.00	2993.90	2763.60	4606.00	5987.80
Phase-In Cost Recovery Rider	$/kWh	0.0039940	D	11982.00	19970.00	25961.00	23964.00	39940.00	51922.00
EE&PDR Cost Recovery Rider	$/kWh	0.0003845	D	1153.50	1922.50	2499.25	2307.00	3845.00	4998.50
EDR Cost Recover Rider	%	0.1305465	D	66.84	66.84	66.84	66.84	66.84	66.84
Distribution Investment Rider	%	0.1116685	D	57.17	57.17	57.17	57.17	57.17	57.17
gridSMART[SM] Rider	$/mo.	0.42	D	0.42	0.42	0.42	0.42	0.42	0.42
Distribution Asset Recovery Rider	%	0.0850120	D	43.53	43.53	43.53	43.53	43.53	43.53
Enhanced Service Reliability Rider	%	5.30956%	D	27.18	27.18	27.18	27.18	27.18	27.18
Total Bill			G	$213,409.00	$287,815.00	$343,619.50	$426,818.00	$575,630.00	$687,239.00
			T	$31,887.20	$38,812.00	$44,005.60	$63,774.40	$77,624.00	$88,011.20
			D	$38,729.59	$61,014.79	$77,728.69	$72,157.39	$116,727.79	$150,155.59
			A	$284,025.79	$387,641.79	$465,353.79	$562,749.79	$769,981.79	$925,405.79
				Minimum	Minimum	Minimum	Minimum	Minimum	Minimum

GENERAL SERVICE-4-Tran

Bill Calculations		Rate Schedule Charges	kW / kWh	50,000 / 15,000,000	50,000 / 25,000,000	50,000 / 32,500,000
Customer Charge	$/mo.	512.00	D	$512.00	$512.00	$512.00
Energy Charges	$/kWh	0.0005058	G	7,587.00	12,645.00	16,438.50
	$/kWh	0.0000000	D	0.00	0.00	0.00
Demand Charges	$/kW	10.00	G	500,000.00	500,000.00	500,000.00
	$/kW	0.00	D	0.00	0.00	0.00
*Reactive Charges	$/kVAR	0.48	D	0.00	0.00	0.00
Subtotal			G	$507,587.00	$512,645.00	$516,438.50
			D	$512.00	$512.00	$512.00
			A	$508,099.00	$513,157.00	$516,950.50
Univ. Serv. Fund ≤ 833,000 KWH	$/kWh	0.0056727	D	4725.36	4725.36	4725.36
Univ. Serv. Fund > 833,000 KWH	$/kWh	0.0001681	D	2381.47	4062.47	5323.22
Advanced Energy Fund Rider	$/mo.	0.0000000	D	0.00	0.00	0.00
KWH Tax (First 2,000)	$/kWh	0.00465	D	9.30	9.30	9.30
(Next 13,000)	$/kWh	0.00419	D	54.47	54.47	54.47
(Over 15,000)	$/kWh	0.00363	D	54395.55	90695.55	117920.55
Retail Stability Rider	$/kWh	0.0029660	D	44490.00	74150.00	96395.00
Transmission Cost Recovery	$/kWh	0.0033770	T	50655.00	84425.00	109752.50
Transmission Cost Recovery	$/kW	2.1000000	T	105000.00	105000.00	105000.00
Transmission Under Recovery	$/kWh	0.0000854		1281.00	2135.00	2775.50
Transmission Under Recovery	$/kW	0.0500000		2500.00	2500.00	2500.00
Fuel Adjustment Clause	$/kWh	0.0361927	G	542890.50	904817.50	1176262.75
AER	$/kWh	0.0004606	G	6909.00	11515.00	14969.50
Phase-In Cost Recovery Rider	$/kWh	0.0039940	D	59910.00	99850.00	129805.00
EE&PDR Cost Recovery Rider	$/kWh	0.0003845	D	5767.50	9612.50	12496.25
EDR Cost Recover Rider	%	0.1305465	D	66.84	66.84	66.84
Distribution Investment Rider	%	0.1116685	D	57.17	57.17	57.17
gridSMART^{SM} Rider	$/mo.	0.42	D	0.42	0.42	0.42
Distribution Asset Recovery Rider	%	0.0850120	D	43.53	43.53	43.53
Enhanced Service Reliability Rider	%	5.30956%	D	27.18	27.18	27.18
Total Bill			G	$1,057,386.50	$1,428,977.50	$1,707,670.75
			T	$159,436.00	$194,060.00	$220,028.00
			D	$172,440.79	$283,866.79	$367,436.29
			A	$1,389,263.29	$1,906,904.29	$2,295,135.04
				Minimum	Minimum	Minimum

*Reactive charges billed for kVAR in excess of one-half of monthly metered kW.