

**Ameren Illinois Utilities'  
Supplemental Informational Exhibit 2**

# Change in Residential Bundled Rates Difference Between 2006 and 2007 Prices

	<b>CILCO</b>	<b>CIPS</b>	<b>CIPS-ME</b>	<b>IP</b>	
Customer & Meter	\$ 5.89	\$ 4.66	\$ 4.56	\$ 1.45	Single Phase, Single Family
<b>Summer - All</b>	(¢/kWh)	(¢/kWh)	(¢/kWh)	(¢/kWh)	
0-300 kWh	2.1335	0.7754	0.2784	1.1064	
Over 300 kWh	2.1335	0.7754	0.2784	1.9064	
<b>Winter - General Use</b>					
0-300 kWh	3.8834	2.8834	3.9914	2.6344	
301-600 kWh	3.8834	2.8834	3.9914	4.3944	
601-800 kWh	3.8834	2.8834	7.6964	4.3944	
801-930 kWh	2.1424	1.1424	5.9554	2.6534	
Over 930 kWh	5.2394	1.1424	5.9554	2.6534	
<b>Winter - Electric Heat</b>					
0-300 kWh	3.8834	2.8834	3.9914	2.6344	SH use over a base, where base established on individual customer usage. Actual SH block will vary by customer.
301-400 kWh	3.8834	2.8834	3.9914	4.3944	
401-600 kWh	3.8834	4.8974	3.9914	4.3944	
601-800 kWh	3.8834	4.8974	7.6964	4.3944	
801-930 kWh	2.1424	4.7804	5.9554	6.1014	
Over 930 kWh	5.2394	4.7804	5.9554	6.1014	

# Residential Usage Profiles

Non-Electric Heat Monthly kWh Values

Profile	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total	
Typical	11	1,004	863	795	674	598	788	1,156	1,223	1,015	739	720	822	10,399
Avg small Gen Use	12	290	293	266	294	205	379	836	977	600	326	221	313	5,000
Avg med Gen Use	13	682	896	684	729	691	763	1,261	1,134	1,075	657	648	780	10,000
Avg lg Gen Use	14	1,222	1,216	1,164	1,073	831	989	1,596	1,794	1,942	1,096	931	1,146	15,000
Very Lg Gen Use	15	2,139	2,128	2,037	1,878	1,454	1,731	2,793	3,140	3,399	1,918	1,629	2,006	26,250
Huge Gen Use	16	3,208	3,192	3,056	2,817	2,181	2,596	4,190	4,709	5,098	2,877	2,444	3,008	39,375
IP Avg '06	17	<b>842</b>	<b>707</b>	<b>681</b>	<b>622</b>	<b>575</b>	<b>815</b>	<b>1,121</b>	<b>1,278</b>	<b>1,005</b>	<b>655</b>	<b>642</b>	<b>748</b>	9,691
CIP-ME Avg '06	18	<b>1,110</b>	<b>923</b>	<b>877</b>	<b>760</b>	<b>658</b>	<b>976</b>	<b>1,265</b>	<b>1,406</b>	<b>1,145</b>	<b>742</b>	<b>794</b>	<b>942</b>	11,597
CIPS Avg '06	19	<b>870</b>	<b>702</b>	<b>688</b>	<b>630</b>	<b>564</b>	<b>794</b>	<b>1,098</b>	<b>1,268</b>	<b>994</b>	<b>659</b>	<b>657</b>	<b>766</b>	9,689
CILCO Avg '06	20	<b>988</b>	<b>789</b>	<b>774</b>	<b>701</b>	<b>596</b>	<b>860</b>	<b>1,137</b>	<b>1,330</b>	<b>1,009</b>	<b>714</b>	<b>734</b>	<b>869</b>	10,502

Electric Heat Monthly kWh Values

Profile	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total	
Typical	11	2,202	1,846	1,672	1,056	871	967	1,170	1,345	966	1,014	1,607	3,049	17,765
Avg small sp heat	12	1,475	1,220	1,087	895	485	565	590	634	590	436	741	1,282	10,000
Avg med sp heat	13	2,500	1,992	2,076	1,449	1,096	927	1,243	1,841	1,321	914	1,273	1,355	17,987
Avg lg sp heat	14	3,777	2,745	2,755	2,089	1,004	1,534	2,254	2,271	1,981	1,196	1,918	2,542	26,066
Avg very lg sp heat	15	6,003	4,957	4,243	3,475	1,348	1,661	1,517	1,817	1,808	1,412	4,553	4,180	36,974
Avg huge sp heat	16	8,523	7,221	5,974	4,107	2,615	3,767	3,999	4,327	4,290	3,776	5,346	6,308	60,253
IP Avg '06	17	<b>1,892</b>	<b>1,675</b>	<b>1,528</b>	<b>1,155</b>	<b>808</b>	<b>896</b>	<b>1,103</b>	<b>1,218</b>	<b>991</b>	<b>826</b>	<b>1,114</b>	<b>1,497</b>	14,703
CIP-ME Avg '06	18	<b>2,430</b>	<b>2,041</b>	<b>1,848</b>	<b>1,356</b>	<b>878</b>	<b>1,135</b>	<b>1,327</b>	<b>1,431</b>	<b>1,207</b>	<b>909</b>	<b>1,351</b>	<b>1,878</b>	17,791
CIPS Avg '06	19	<b>2,363</b>	<b>1,964</b>	<b>1,843</b>	<b>1,376</b>	<b>869</b>	<b>1,026</b>	<b>1,237</b>	<b>1,336</b>	<b>1,123</b>	<b>893</b>	<b>1,331</b>	<b>1,859</b>	17,221
CILCO Avg '06	20	<b>1,897</b>	<b>1,538</b>	<b>1,531</b>	<b>1,128</b>	<b>739</b>	<b>894</b>	<b>1,040</b>	<b>1,172</b>	<b>945</b>	<b>772</b>	<b>1,077</b>	<b>1,501</b>	14,233
Proxy #1	21	3,019	3,509	2,913	2,396	1,193	1,107	598	773	692	954	2,116	2,495	21,765
Proxy #2	22	3,915	6,246	3,089	2,485	1,394	1,375	1,444	1,495	1,930	1,881	2,688	3,741	31,683
Proxy #3	23	4,369	3,674	3,722	3,841	1,866	2,624	3,387	4,526	4,604	2,420	2,093	4,102	41,228
Proxy #4	24	6,938	2,743	3,501	3,293	1,486	1,770	2,238	2,204	1,583	2,188	4,520	5,414	37,878

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# Residential Scenario #1

- Objective
  - Adjust rates so that month to month percentage increases are the same for “typical customer” by Utility (IP, CIPS, CILCO).
  - Revenue neutral by Utility.
  - Summer increase no more than Utility annual average
- Adjustments
  - DS
    - Keep flat Summer DS rate, increase by 0.75 cents/kWh
    - Decrease Non-summer by offsetting amount
    - Revenue Neutral by Utility (IP, CIPS, CILCO)
  - BGS
    - Increase Summer Rate (flat charge increase)
    - Decrease Non-summer rate – Adjust All kWh

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# Residential Scenario #1

## ■ Observations

- ❑ Relief Provided to Winter All Electric, but Annual Increases Slightly Less than Status Quo
- ❑ Summer Increase Approaches Utility Annual Average Increase
- ❑ Winter Increases Still in About 100% for AmerenCIPS-ME and for AmerenIP, and About 90% for AmerenCIPS and AmerenCILCO for High Use All Electric Customers (Profile 15)

# Residential Scenario #2

- Objective
  - Adjust rates so that month to month percentage increases are the same for “typical customer” by Utility (IP, CIPS, CILCO).
  - Revenue neutral by Utility.
  - Summer increase no more than Utility annual average
- Adjustments
  - DS (same as Scenario #1)
    - Keep flat Summer DS rate, increase by 0.75 cents/kWh
    - Decrease Non-summer by offsetting amount
    - Revenue Neutral by Utility (IP, CIPS, CILCO)
  - BGS
    - Increase Summer Rate (flat charge increase)
    - Decrease Non-summer rate – **Adjust kWh over 800 kWh**

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# Residential Scenario #2

## ■ Observations

- Annual Revenue Shift More Apparent (vs. Scenario #1)
  - BGS Blocking Provides Additional Savings for All Electric Households, Especially for Larger Winter Use Customers
  - Increases to General Use Customers More Significant Since Little Benefit From Winter Blocking
- Summer Increase Approaches Utility Annual Average Increase
- Winter Increases About 50%-75% for AmerenCIPS-ME, 65%-80% for AmerenIP, 60%-65% for AmerenCIPS, and 55%-65% for AmerenCILCO High Use All Electric Customers, Respectively

# Residential Scenario #3

## ■ Objective

- Adjust rates so that month to month percentage increases are the same for “typical customer” by Utility (IP, CIPS, CILCO).
- Revenue neutral by Utility.
- Summer increase no more than Utility annual average

## ■ Adjustments

### □ DS (same as Scenario #1)

- Keep flat Summer DS rate, increase by 0.75 cents/kWh
- Decrease Non-summer by offsetting amount
- Revenue Neutral by Utility (IP, CIPS, CILCO)

### □ BGS

- Increase Summer Rate (flat charge increase)
  - AmerenCIPS-ME Summer Rate Moderated to AmerenCIPS Average Annual Increase
- Decrease Non-summer rate – **Adjust kWh 800-3000 kWh, and over 3,000 kWh**

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# Residential Scenario #3

## ■ Observations

- Annual Revenue Comparable to Scenario #2
  - Exception: AmerenCIPS-ME General Use Customer Increases Reduced by 10 Percentage Points vs. #2
  - BGS Blocking Provides Slight Shift of Incremental Savings to Larger Winter Use Electric Households
- Summer Increase Approaches Utility Annual Average Increase
- Winter Increases About 80%-85% for AmerenCIPS-ME, 65%-80% for AmerenIP, 60%-65% for AmerenCIPS and AmerenCILCO High Use All Electric Customers, Respectively

# Residential Scenario #4

- Objective
  - Adjust rates so that month to month percentage increases are the same for “typical customer” by Utility (IP, CIPS, CILCO).
  - Revenue neutral by Utility.
  - Summer increase no more than Utility annual average
- Adjustments
  - DS
    - Keep flat Summer DS rate, increase by 0.75 cents/kWh
    - Decrease Non-summer by offsetting amount, **for Usage 800-1,500, 1,501-3,000 kWh** and over 3,000 kWh
    - Revenue Neutral by Utility (IP, CIPS, CILCO)
  - BGS
    - Same as Scenario #3, Except for Elimination of Over 3,000 kWh Block for AmerenCIPS-ME
    - Increase Summer Rate (flat charge increase)
    - Decrease Non-summer rate – Adjust kWh 800-3000 kWh, and over 3,000 kWh (except for AmerenCIPS-ME)

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# Residential Scenario #4

## ■ Observations

- Annual Revenue
  - General Use Comparable to Scenario #3
  - Larger Winter Use Households See Marginal Savings over Scenario #3 Due to Additional DS Blocking
- Summer Increase Approaches Utility Annual Average Increase, Nearly Identical to Scenario #3
- Winter Increases About 60%-80% for AmerenCIPS-ME, 45%-80% for AmerenIP, 45%-65% for AmerenCIPS and 40%-60% AmerenCILCO High Use All Electric Customers, Respectively

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# Non-Residential DS/BGS-2

- Scenario (work in progress)
  - Develop Credit for Large Winter Use Customers, Targeting Customers Using Electric Heat
    - Establish Seasonal and Base Amount for Winter
      - Average Usage of 2 Months With Lowest Usage, Plus Multiplier of 1.2, Considered “Non-Summer Base Use”
      - Use in 8 Non-summer Months Above the Base Considered “Non-summer Seasonal Use”
    - Compensate for Revenue Loss by Increasing Summer BGS Rate

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# Non-Residential DS/BGS-2

(Cont.)

- Scenario (work in progress)

- Adjust DS Rates to Implement Seasonal Differential,
  - Increase Summer, Offset with Decrease to Non-summer
  - Implement Higher DS Charges for First 1,250 kWh, and Use Proceeds to Decrease Tail Block Charges
    - Most Small Use Customers Presently Receiving Decreases
    - Most Large Use Customers Presently Receiving Increases
    - Proposal Attempts to Level Increase Impacts

# Non-Residential DS/BGS-2

(Cont.)

## Illustrative Usage Analysis

2006 Actual kWh Usage /1

	Non-Summer		Summer	Annual
	Base	Seasonal /2		
AmerenCILCO	466,343,225	53,817,673	314,895,179	835,056,077
AmerenCIPS	823,521,884	143,995,301	556,537,239	1,524,054,424
AmerenCIPS-HH	9,298,420	2,144,039	6,518,692	17,961,151
AmerenCIPS-ME	158,618,700	20,686,771	110,595,055	289,900,526
AmerenIP	<u>1,387,860,299</u>	<u>168,053,372</u>	<u>939,011,447</u>	<u>2,494,925,118</u>
	2,845,642,528	388,697,156	1,927,557,612	5,161,897,296

/1 Not weather normalized

/2 Seasonal based on 120% of lower of May or October use, only counts customer use of those with use in both May and October

# Non-Residential DS/BGS-2

(Cont.)

## Illustrative Seasonal Credit Analysis

	Non-Summer		Credit (\$0.02000)	Summer	Summer Offset	Annual
	Base	Seasonal /2	Seasonal Discount		Summer Charge	
AmerenCILCO	466,343,225	53,817,673	\$ (1,076,353)	314,895,179	\$ 1,272,177	835,056,077
AmerenCIPS	823,521,884	143,995,301	\$ (2,879,906)	556,537,239	\$ 2,248,410	1,524,054,424
AmerenCIPS-HH	9,298,420	2,144,039	\$ (42,881)	6,518,692	\$ 26,336	17,961,151
AmerenCIPS-ME	158,618,700	20,686,771	\$ (413,735)	110,595,055	\$ 446,804	289,900,526
AmerenIP	<u>1,387,860,299</u>	<u>168,053,372</u>	<u>\$ (3,361,067)</u>	<u>939,011,447</u>	<u>\$ 3,793,606</u>	<u>2,494,925,118</u>
	2,845,642,528	388,697,156	\$ (7,773,943)	1,927,557,612	\$ 7,787,333	5,161,897,296

/1 Seasonal based on 120% of lower of May or October use, only counts customer use of those with use in both May and October

# Non-Residential DS/BGS-3

- Scenario (work in progress)
  - Implement Rate Limiter for Monthly DS-3 Distribution Charges
    - Cap Sum Total of “DS” Charges (Customer, Meter, Distribution Delivery, and Transformation) to Average Rate Not to Exceed 10 ¢/kWh
    - Helps Address Rate Impacts to Customers With Intermittent Usage (Grain Drying, Drainage District Pumping, Ballparks)
    - Compensate for Revenue Loss by Increasing Distribution Delivery Charges for Each Voltage Level by Fixed Percentage by Utility

# Non-Residential DS/BGS-3

**Summary of DS3 Rate Limiter Impacts**  
**Rate limiter of \$.10/kwhr applied as a cap to the total DS Charges in the DS3 Tariff**

<b>Revenue Over Rate Limit of \$.10/kwhr:</b>		
<b>Company</b>	<b>All DS3</b>	<b>Grain Customers</b>
AmerenCILCO	\$590,909	\$85,796
AmerenCIPS	\$191,398	\$7,043
AmerenCIPS-HH	\$5,416	\$234
AmerenCIPS-ME	\$40,232	\$0
AmerenIP	\$619,520	\$118,031
<b>Total</b>	<b>\$1,447,476</b>	<b>\$211,103</b>

<b>Number of Bills Impacted by \$.10 Rate Limit:</b>		
<b>Company</b>	<b>All DS3</b>	<b>Grain Customers</b>
AmerenCILCO	787	213
AmerenCIPS	664	32
AmerenCIPS-HH	17	3
AmerenCIPS-ME	83	-
AmerenIP	1,438	300
<b>Total</b>	<b>2,989</b>	<b>548</b>

<b>Number of Customers Impacted by \$.10 Rate Limit:</b>		
<b>Company</b>	<b>All DS3</b>	<b>Grain Customers</b>
AmerenCILCO	145	18
AmerenCIPS	190	9
AmerenCIPS-HH	4	1
AmerenCIPS-ME	25	-
AmerenIP	283	27
<b>Total</b>	<b>647</b>	<b>55</b>

# Non-Residential DS/BGS-3

**Summary of DS3 Rate Limiter Impacts**  
**Rate limiter of \$.10/kwhr applied as a cap to the total DS Charges in the DS3 Tariff**  
**Applied to 500 kw Load at Secondary Voltage at Various Monthly Load Factors**

Load Factor	Current Rate			Current Rate with \$.10 Limiter		
	CILCO	CIPS	IP	CILCO-Limited	CIPS-Limited	IP-Limited
1%	\$0.683	\$0.548	\$0.609	\$0.100	\$0.100	\$0.100
5%	\$0.137	\$0.110	\$0.122	\$0.100	\$0.100	\$0.100
10%	\$0.068	\$0.055	\$0.061	\$0.068	\$0.055	\$0.061
20%	\$0.034	\$0.027	\$0.030	\$0.034	\$0.027	\$0.030
30%	\$0.023	\$0.018	\$0.020	\$0.023	\$0.018	\$0.020
40%	\$0.017	\$0.014	\$0.015	\$0.017	\$0.014	\$0.015
50%	\$0.014	\$0.011	\$0.012	\$0.014	\$0.011	\$0.012
60%	\$0.011	\$0.009	\$0.010	\$0.011	\$0.009	\$0.010
70%	\$0.010	\$0.008	\$0.009	\$0.010	\$0.008	\$0.009
80%	\$0.009	\$0.007	\$0.008	\$0.009	\$0.007	\$0.008
90%	\$0.008	\$0.006	\$0.007	\$0.008	\$0.006	\$0.007
100%	\$0.007	\$0.005	\$0.006	\$0.007	\$0.005	\$0.006

