Attachment SEB-NSPI-2h

ALABAMA POWER COMPANY
http://www.southerncompany.com

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

Rate: HLF (eff. 1/2006) with change eff. 4/06
With Non-Firm Capacity Interruptible Credit (eff. 12/1/82)

ASSUMPTIONS	
Firm	
Monthly kW	0
Load Factor	100%
Monthly kWh	0
Interruptible	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Line	Description	Rates	Max Int. / Min Firm Units	Cost
1	Customer Charge	$2,000.00	1	$2,000
2	Demand Charge:	$10.00	50,000	500,000
3	Energy Charge:	$0.008595	32,850,000	282,346
4	ECR (Avg of Jan,Apr,Jul,Oct '06)	$0.022255	32,850,000	731,077
5	Rate Rider NDR	$6.15	1	6
6	Interruptible Credit	($2.55)	50,000	(127,500)
7	Subtotal			$1,387,929
8	Rate T Tax Adj. (eff. 10/1/06)	-2.517%	$1,387,929	(34,934)
9	Subtotal			$1,352,994
10	State Utility Tax	1.80%	$1,352,994	24,354
11	Subtotal			$1,377,348
	State Tax Calculation			
12	Remove Tax* Subtotal/1.022	1.022	1,347,699	
13	First $40,000	4.00%	40,000	1,600
14	Next $20,000	3.00%	20,000	600
15	Add'l $	2.00%	1,287,699	25,754
16	**Total Cost**			**$1,405,302**
17	Mills per kWh			**42.78**

*State Utilities Tax @ 1.8% + 0.4% taxes in rates.

ECR Factors for 2006:

Jan	21.534
Apr	21.534
Jul	24.418
Oct	21.534
Average	22.255

AMEREN UE - MO
https://www2.ameren.com/business/Rates/ratesBundledElecFullSrvMO.aspx

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

ASSUMPTIONS	
Firm	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Interruptible	
Monthly kW	0
Load Factor	0%
Monthly kWh	0
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Rate: Large Primary Service Rate(eff. 8/2002) with change (4/04)

			50 MW Firm	
Line	Description	Rates (1)	Units (2)	Cost (3)
1	Customer Charge	$210.00	1	$210
	Demand Charge:			
2	Summer Demand (June - September)	$13.97	16,553	231,250
3	Winter Demand (October - May)	$6.34	33,107	209,896
	Energy Charge:			
4	Summer Demand (June - September)	$0.0234	10,875,540	254,488
5	Winter Demand (October - May)	$0.0206	21,751,080	448,072
6	Rider B Substation Discount (Eff. 6/2001)	($0.95)	49,660	(47,177)
7	**Total Cost**			**$1,096,739**
8	Mills per kWh			**33.39**

APPALACHIAN POWER COMPANY- VA
www.appalachianpower.com/CustomerService/RatesAndTariffs/LegalTariffFilings/Virginia.aspx

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

Rate: LPS-TOD (eff. 10/2/06) Pursuant to Interim Order

ASSUMPTIONS	
Firm	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Interruptible	
Monthly kW	0
Load Factor	0%
Monthly kWh	0
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

				50 MW Firm	
Line	Description		Rates (1)	Units (2)	Cost (3)
1	Customer Charge		$575.00	1	$575
2	Demand Charge:		$8.66	50,000	433,000
3	Off-Peak Excess Demand Charge		$0.87		0
	Billing kVar		$0.75		0
4	Energy Charge:		$0.00419	32,850,000	137,642
5	Levelized Fuel Factor		$0.01785	32,850,000	586,373
6	Subtotal				$ 1,157,589
7	Customer-Owned Meter Credit ($/mo @ transmission level)	$	(4.09)	1	(4)
8	Sales & Use Tax per kWh	$	0.00018	32,850,000	5,913
9	**Total Cost**				**$ 1,163,498**
10	Mills per kWh				**35.42**

APPALACHIAN POWER COMPANY- WV
www.appalachianpower.com/CustomerService/RatesAndTariffs/LegalTariffFilings/WV.aspx

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

Rate: I.P. (eff. 7/28//2006)

ASSUMPTIONS	
Firm	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Interruptible	
Monthly kW	0
Load Factor	0%
Monthly kWh	0
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

			50 MW Firm	
Line	Description	Rates (1)	Units (2)	Cost (3)
1	Customer Charge	$475.00	1	$475
2	Demand Charge:	$8.55	50,000	427,500
3	Off-Peak Excess Demand Charge	$1.47		0
4	Billing kVar	$0.62		0
5	Energy Charge:	$0.01646	32,850,000	540,711
6	**Total Cost**			$ **968,686**
7	Mills per kWh			**29.49**

* Contract Service - Interruptible Power available.

AQUILA NETWORKS - L&P
http://www.aquila.com/investors/rates/

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

ASSUMPTIONS	
Firm	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Interruptible	
Monthly kW	0
Load Factor	0%
Monthly kWh	0
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Rate: Large Power Service (eff 3/1/06)

Metering Loss Adjustment Reduces units by 3%

Line	Description	Rates (1)	50 MW Firm Units (2)	50 MW Firm Cost (3)
	Facilities Charge:			
1	First 500 kW (per bill)	$678.40	1	$678
2	Add'l kW (per kW)	$1.06	48,000	50,880
	Demand Charge:			
2	Summer (June - September)	$7.77	16,167	125,615
	Winter (October - May)			
3	Each kW <= previous Summer Peak kW	$3.32	32,333	107,347
4	Each kW > previous Summer Peak kW	$0.21	0	0
	Energy Charge:			
	Summer (June - September)			
5	On-Peak kWh (36%)	$0.0360	3,823,740	137,655
6	Off-Peak kWh	$0.0254	6,797,760	172,663
	Winter (October - May)			
7	On-Peak kWh (45%)	$0.0296	9,559,350	282,957
8	Off-Peak kWh	$0.0223	11,683,650	260,545
9	**Total Cost**			**$1,138,340**
10	Mills per kWh			**34.65**

AVISTA CORPORATION - ID
http://www.avistautilities.com

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

ASSUMPTIONS	
Firm	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Interruptible	
Monthly kW	0
Load Factor	0%
Monthly kWh	0
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Rate: Schedule 25 - Extra Large General Service (Eff 4/15/05)

			50 MW Firm	
Line	Description	Rates (1)	Units (2)	Cost (3)
	Demand Charge:			
1	First 3,000 kVA (per bill)	$9,000.00	1	$9,000
2	Add'l kVA (per kVA)	$2.75	52,556	144,528
	Energy Charge:			
3	First 500,000 kWh	$0.03942	250,000	9,855
4	Add'l kWh	$0.03339	32,600,000	1,088,514
5	Primary Voltage Discount	($0.20)	55,556	(11,111)
	Adjustments (Eff 11/1/06):			
6	Sch 66 - Temporary Power Cost Adj	$0.00103	32,850,000	33,836
7	Sch 91 - Energy Efficiency Rider Adj	$0.00052	32,850,000	17,082
8	**Total Cost**			**$1,291,703**
9	Mills per kWh			**39.32**

DUKE ENERGY INDIANA (PSI ENERGY)
www.cinergypsi.com/inres/rates/duke_energy_tariff.asp

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

ASSUMPTIONS	
Firm	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Interruptible	
Monthly kW	0
Load Factor	0%
Monthly kWh	0
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Rate HLF - High Load Factor Service (Eff 11/1/06)

Line	Description	Rates (1)	50 MW Firm Units (2)	50 MW Firm Cost (3)
1	Customer Charge	$300.00	1	$300
	Demand Charge:			
2	Per Max kW adj for PF	$10.35	52,778	546,250
	Energy Charge:			
3	All kWh	$0.015848	32,850,000	520,607
	kVAr Charge:			
4	All kVAr	$0.24	24,216	5,812
5	Rider 60 - Fuel Adj.	$0.00231	32,850,000	75,796
6	Subtotal			1,148,765
7	Rider 62 - Qualified Polution Control	$0.652214	50,000	32,611
8	Rider 63 - Emission Allowance	$0.002158	32,850,000	70,890
9	Rider 64 - Merger Savings Credit	($0.001045)	32,850,000	(34,328)
10	Rider 66 - DSM (na to kW>500)	$0.000000	32,850,000	0
11	Rider 67 - Purchased Power Tracker	$0.000000	32,850,000	0
12	Rider 68 - Midwest ISO Management Cost and Revenue Adjustment	$0.001511	32,850,000	49,636
13	Rider 70 - Summer Reliability Adjustment	$0.000304	32,850,000	9,986
14	Rider 71 - Clean Coal Operating Cost	$0.310358	50,000	15,518
15	**Total Cost**			**$1,293,078**
16	Mills per kWh			39.36

DUKE ENERGY INDIANA (PSI ENERGY)

Month	Fuel Cost in Rates	Rider 60 Fuel Adjust.
Jan '06	$ 0.014484	$ 0.000232
Apr '06	0.014484	0.000232
Jul '06	0.014484	0.001052
Oct '06	0.014484	0.007713
Average		0.002307

DUKE POWER COMPANY - NC
www.dukepower.com/forbusiness/cii/bill/rates.asp

Rate OPT Effective: Aug 1, 2006
Rate IS Effective: Apr 5, 2006
Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

ASSUMPTIONS	
Firm	
Monthly kW	0
Load Factor	100%
Monthly kWh	0
Interruptible	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Line	Description	Rates	Max Int. / Min Firm Units	Cost
	Firm Rate - Optional Power Service TOU - OPT			
1	Facilities Charge	$36.07	1	$36
	Demand Charge			
2	Summer (JJAS)			
3	First 2,000 kW	$12.98	667	8,653
4	Next 3,000 kW	$11.89	1,000	11,890
5	Over 5,000 kW	$10.79	15,000	161,850
6	Winter			
7	First 2,000 kW	$7.64	1,333	10,187
8	Next 3,000 kW	$6.54	2,000	13,080
9	Over 5,000 kW	$5.43	30,000	162,900
				368,560
	Energy Charge			
	Summer			
10	On Peak kWh (25%)	$0.044296	2,737,500	121,260
11	Off Peak kWh	$0.022942	8,212,500	188,411
	Winter			
12	On Peak kWh (20%)	$0.044296	4,380,000	194,016
13	Off Peak kWh	$0.022942	17,520,000	401,944
14	Total kWh		32,850,000	
15	Adjustment to reflect Fuel in Rates	($0.001155)	32,850,000	(37,925)
16	Total Firm Cost			$1,236,303
	Interruptible Power Service - Rider IS			
17	Facilities Charge	$25	1	$ 25
18	Demand Credit	($3.50)	50,000	(175,000)
19	Subtotal			$1,061,328
20	State Sales Tax	4.50%		47,760
21	**Total Cost**			$1,109,087
22	Mills per kWh			33.76

DUKE POWER COMPANY - NC

Adjustment for fuel in rates

	Change in Rates ¢/kWh
Jan 2006	0.3429
Apr 2006	0.3429
Jul 2006	0.5738
Oct 2006	0.5738
Average	0.4584
Difference	(0.1155)
$/kWh	(0.001155)

	Eff. 9/04	Eff. 7/05	Eff. 7/06	Eff. 8/06
Energy Rates:				
On-Pk	4.4132	4.5943	4.7788	4.4296
Off-Pk	2.2778	2.4589	2.6434	2.2942
Difference:				
On-Pk		0.1811	0.1845	(0.3492)
Off-Pk		0.1811	0.1845	(0.3492)

DUKE POWER COMPANY - SC
http://www.dukepower.com/aboutus/rates/scrates/

Rate OPT Effective: October 1, 2006
Rate IS Effective: April 28, 2006
Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

ASSUMPTIONS	
Firm	
Monthly kW	0
Load Factor	100%
Monthly kWh	0
Interruptible	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Line	Description	Rates	Max Int. / Min Firm Units	Cost
	Firm Rate - Optional Power Service TOU - OPT			
1	Facilities Charge	$33.54	1	$34
	Demand Charge			
2	Summer (JJAS)			
3	First 2,000 kW	$13.16	667	8,773
4	Next 3,000 kW	$11.67	1,000	11,670
5	Over 5,000 kW	$9.40	15,000	141,000
6	Winter			
7	First 2,000 kW	$7.69	1,333	10,253
8	Next 3,000 kW	$6.40	2,000	12,800
9	Over 5,000 kW	$4.74	30,000	142,200
				326,697
	Energy Charge			
	Summer			
10	On Peak kWh (25%)	$0.049854	2,737,500	136,475
11	Off Peak kWh	$0.023253	8,212,500	190,965
	Winter			
12	On Peak kWh (20%)	$0.049854	4,380,000	218,361
13	Off Peak kWh	$0.023253	17,520,000	407,393
14	Total kWh		32,850,000	
15	Adjustment for Fuel in Rates	($0.002768)	32,850,000	(90,912)
16	Total Firm Cost			$1,189,011
	Interruptible Power Service - Rider IS			
17	Facilities Charge	$25	1	$25
18	Demand Credit	($3.50)	50,000	(175,000)
19	**Total Cost**			$1,014,036
20	Mills per kWh			30.87

DUKE POWER COMPANY - SC

Adjustment for fuel in rates

	Fuel in Rates ¢/kWh
Jan 2006	1.4070
Apr 2006	1.4070
Jul 2006	1.4070
Oct 2006	1.7760
Average	1.4993
Difference	(0.2768)
$/kWh	(0.002768)

EL PASO ELECTRIC COMPANY - TEXAS

Rate 29, Transmission Voltage Service
Effective: 8/2/95

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership
Assumes total load factor of 90%

ASSUMPTIONS	
Firm	
Monthly kW	5,000
Load Factor	90%
Monthly kWh	3,285,000
Interruptible	
Monthly kW	45,000
Load Factor	90%
Monthly kWh	29,565,000
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Line	Description	Rates	Max Int. / Min Firm Units	Max Int. / Min Firm Cost
	Firm:			
	Schedule No. 29 - Transmission Voltage Service Rate			
	Demand Charge:			
1	All Firm kW	$21.25	5,000	$106,250
	Energy Charge:			
2	All Firm kWh	$0.006450	3,285,000	21,188
3	Fixed Fuel Factor	$0.03273	3,285,000	107,502
4	Total Firm Cost			$234,940
	Interruptible:			
	Schedule No. 27 - Interruptible Power Service Rate			
	Demand Charge:			
5	All Interruptible kW	$1.52	45,000	$68,400
	Energy Charge:			
6	All Interruptible kWh	$0.002200	29,565,000	65,043
	Energy Charge Adder on EPEC's Interruptible Sales to Customer			
7	All Interruptible kWh	$0.00325	29,565,000	96,086
8	Fixed Fuel Factor	$0.03273	29,565,000	967,515
9	Total Interruptible Cost			$1,197,044
10	**Total Cost**			$1,431,984
11	Mills per kWh			43.59

Fuel Factors:	
Jan '06	0.02875
Apr '06	0.03405
Jul '06	0.03405
Oct '06	0.03405
Average	0.03273

EMPIRE ELECTRIC DISTRICT - ARKANSAS
http://www.empiredistrict.com/ProductsServices/Industrial/Rates/ar.htm

Rate PT Effective: 5/14/05
Rider IR Effective: 8/24/98

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

ASSUMPTIONS	
Firm	
Monthly kW	0
Load Factor	100%
Monthly kWh	0
Interruptible	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kW	32,850,000

Line	Description	Rates	Max Int. / Min Firm Units	Cost
1	Customer Charge - Firm	$170.00	1	$ 170
2	Customer Charge - Interr	$28.40	1	28
	Demand Charge:			
3	Summer (JJAS)	$11.45	16,667	190,833
4	Winter	7.70	33,333	256,667
5	Total		50,000	$447,500
6	Interruptible Credit	-21.5%		
7	Summer (JJAS)	($2.46175)	16,667	(41,029)
8	Winter	($1.65550)	33,333	(55,183)
9	Total		50,000	($96,213)
	Energy Charge:			
10	First 350 Hrs Use	$0.006400	17,500,000	112,000
11	Additional kWh	0.003200	15,350,000	49,120
12	Total kWh		32,850,000	$161,120
13	Subtotal			$512,606
14	ECR	$0.037084	32,850,000	1,218,209
15	Subtotal			$1,730,815
16	State Sales Tax	0.000%	$1,730,815	0
17	**Total Cost**			$1,730,815
18	Mills per kWh			52.69

Fuel Adj:	
Jan '06	$ 0.035365
Apr '06	$ 0.037657
Jul '06	$ 0.037657
Oct '06	$ 0.037657
Average	$ 0.037084

Note: ECR changes each year on April 1 and reflects the fuel cost for the previous calendar year.

ENTERGY ARKANSAS, INC.
(formerly Arkansas Power & Light Company
http://www.entergy-arkansas.com

Contact: Jim Berkau 581-377-5584

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

Rate: PST (LPS-TOU), effective 3/9/01
Optional Interruptible Service Rider (OIS) eff. 3/9/01

Rider M1 reduces units by 2%

ASSUMPTIONS		
Firm		Rider M1 Reduc.
Monthly kW	0	0
Load Factor	100%	100%
Monthly kWh	0	0
Interruptible		
Monthly kW	50,000	49,000
Load Factor	90%	90%
Monthly kWh	32,850,000	32,193,000
Total		
Monthly kW	50,000	49,000
Load Factor	90%	90%
Monthly kWh	32,850,000	32,193,000

Line	Description	Rates	Max Int. / Min Firm Units	Max Int. / Min Firm Cost
1	Firm Customer Charge	$368.88	1	$369
2	Interruptible Cust Charge (M31)	$150.00	1	150
	Firm Demand Charge			
	Summer (JJAS)			
3	On Peak kW	$12.12	-	0
4	Excess kW	$3.73	-	0
5	M1 Credit	($1.63)	-	0
	Winter			
6	On Peak kW	$10.25	-	0
7	Excess kW	$3.27	-	0
8	M1 Credit	($1.63)	-	0
	Interruptible Demand Chg [1]			
9	Summer	$3.73	16,333	60,923
10	Winter	$3.27	32,667	106,820
11	M1 Credit (should this apply here?? YES)	($1.63)	49,000	(79,870)
12	Demand Credit (per settlement agreement)	($0.25)	49,000	(12,250)
	Energy			
13	Summer (JJAS)		10,731,000	
14	On Peak kWh (20%)	$0.01410	2,146,200	30,261
15	Off Peak kWh	$0.01006	8,584,800	86,363
	Winter		21,462,000	
16	On Peak kWh (30%)	$0.00776	6,438,600	49,964
17	Off Peak kWh	$0.00665	15,023,400	99,906
18	Subtotal			$342,636
	Riders:			
	M26 - Nuke Decom, eff 1/1/06			
19	ANO #1	$0.00	49,000	0
20	ANO #2	0.00	49,000	0
21	M27 - Fuel Adj. (Avg Jan,Apr,Jul,Oct '06)	0.023635	32,193,000	760,882
22	M33 - Grand Gulf, eff 1/1/06 - Firm	2.07	0	0
23	M33 - Grand Gulf, eff 1/1/06 - Interr	1.068120	49,000	52,338
24	M47 - Transition Cost Rider (TC) (Eff. 9/04)	0.000000	32,193,000	0
25	**Total Cost**			**$1,155,855**
26	Mills per kWh			**35.19**

Fuel Adj:	
Jan '06	0.01900
Apr '06	0.01900
Jul '06	0.02827
Oct '06	0.02827
Average	0.02364

[1] Equals the Firm Excess kW Charges

GEORGIA POWER COMPANY
www.southernco.com/gapower/pricing/gpc_rates.asp?mnuOpco+gpc&mnuType+com&mnuItem=ps

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

Rate PLL-4, effective 1/1/06
Rate DPEC-1 (Demand Plus Energy Credit Rider) Eff 3/02

ASSUMPTIONS	
Firm	
Monthly kW	0
Load Factor	100%
Monthly kWh	0
Interruptible	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Line	Description	Rates	Max Int. / Min Firm Units	Cost
1	Base Charge	$17.00	1	$17
2	Demand Charge (Summer 50MW/12*4)+(Winter 50MW/12*6*95%)	$0.00	48,333	0
3	Energy Charge (Annualized)		32,850,000	
4	First 200 Hours Use * Billing Demand ***		10,000,000	
5	First 3000 kWh	$0.111990	3,000	336
6	Next 7000 kWh	$0.101640	7,000	711
7	Next 190000 kWh	$0.086470	190,000	16,429
8	Over 200000 kWh	$0.067100	9,466,667	635,213
9	kWh > 200 HU but < 400 HU	$0.011430	9,666,667	110,490
10	kWh > 400 HU but < 600 HU	$0.009040	9,666,667	87,387
11	Add'l kWh	$0.006530	3,850,000	25,141
12	Excess RkVA	$0.27	7,549	2,038
13	Merger Transition Credit	($0.00120)	32,850,000	(39,551)
14	Subtotal			$838,211
	DPEC-1 Rider:			
15	Admin Charge	$120.00	1	120
	Demand Credit			
16	Summer (JJAS)	($6.25)	50,000	(1,250,000)
17	Winter			
	Energy Credit			
18	Summer (JJAS)	($0.01)	5,000,000	(50,000)
19	Winter			
20	Total Demand & Energy Credit			(1,300,000)
21	Per Month Credit (divided by 12)			(108,333)
22	Fuel Cost Recovery :	$0.026636	32,850,000	874,993
23	Subtotal			$ 1,604,870
24	State Sales Tax	6.00%	1,604,870	96,292
25	**Total Cost**			$1,701,163
26	Mills per kWh			51.79

FCR's for 2006:	
Jan	23.883
Apr	23.883
Jul	29.389
Oct	29.389
Average	26.636

INDIANA MICHIGAN POWER - IN
www.aep.com

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

ASSUMPTIONS	
Firm	
Monthly kW	0
Load Factor	100%
Monthly kWh	0
Interruptible	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Rate I.P. - Industrial Power (Eff 7/30/01)
Rate I.R.P. - Interruptible Power (Eff 7/30/01)

Line	Description	Rates	Max Int. / Min Firm Units	Cost
	Industrial Power			
1	Service Charge	$462.70	0	$0
2	Demand Charge: All kVA	$14.13	0	0
3	Energy Charge: All kWh	$0.010770	0	0
4	AEP/CSW Net Merger Savings Credit (Eff 7/28/06)	($0.000506)	0	0
5	Fuel Adjustment (Average)	$0.00174	0	0
6	Total Firm Cost			0
	Interruptible Power			
7	Service Charge	$462.70	1	$463
8	Demand Charge: All kVA	$10.209	55,556	567,167
9	Energy Charge: All kWh	$0.010770	32,850,000	353,795
10	AEP/CSW Net Merger Savings Credit (Eff 7/28/06)	($0.000506)	32,850,000	(16,622)
11	Fuel Adjustment (Average)	$0.00174	32,850,000	57,159
12	Total Interruptible Cost			$961,961
13	**Total Cost**			**$961,961**
14	Mills per kWh			**29.28**

Fuel Adj:	
Jan '06	$ 0.002007
Apr '06	0.001651
Jul '06	0.001651
Oct '06	0.001651
Average	0.001740

KANSAS CITY POWER & LIGHT - MO
http://www.kcpl.com/

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

ASSUMPTIONS	
Firm	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Interruptible	
Monthly kW	0
Load Factor	0%
Monthly kWh	0
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Rate: Large Power Service (eff 8/1/99)

Line	Description	Rates (1)	50 MW Firm Units (2)	50 MW Firm Cost (3)
1	Customer Charge	$537.24	1	$537
2	Facilities Charge	$0.000	50,000	0
	Demand Charge:			
	Summer (May 16-Sep 15)			
3	First 2,541 kW	$6.883	847	5,830
4	Next 2,541 kW	$5.507	847	4,664
5	Next 2,541 kW	$4.613	847	3,907
6	Add'l kW	$3.367	14,126	47,561
			16,667	
	Winter (Sep 16-May 15)			
7	First 2,541 kW	$4.678	1,694	7,925
8	Next 2,541 kW	$3.652	1,694	6,186
9	Next 2,541 kW	$3.222	1,694	5,458
10	Add'l kW	$2.479	28,251	70,035
			33,333	
	Energy Charge:			
	Summer (May 16-Sep 15)			
11	First 180 Hours Use	$0.04311	3,000,000	129,330
12	Next 180 Hours Use	$0.02999	3,000,000	89,970
13	Over 360 Hours Use	$0.02151	4,950,000	106,475
			10,950,000	
	Winter (Sep 16-May 15)			
14	First 180 Hours Use	$0.03655	6,000,000	219,300
15	Next 180 Hours Use	$0.02727	6,000,000	163,620
16	Over 360 Hours Use	$0.02131	9,900,000	210,969
			21,900,000	
17	**Total Cost**			**$1,071,768**
18	Mills per kWh			**32.63**

KENTUCKY POWER COMPANY
http://www.aepcustomer.com

CIP-TOD Rate Effective: 3/30/06
CS-IRP Rate Effective: 6/1/98
Note: Rate IRP was discontinued effective 6/1/98 and replaced with CS-IRP
Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

ASSUMPTIONS	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Note: Fuel Adj. Is combination of Fuel Adj. AND Systems Sales Factor

			50 MW Firm	
Line	Description	Rates (1)	Units (2)	Cost (3)
	Firm Rate: CIP-TOD			
1	Service Charge	$1,353	1	$1,353
	Demand Charge			
2	On Peak kW	$9.35	50,000	467,500
3	Off Peak kW	$0.84	50,000	42,000
4	Excess RkVA	$0.67	0	0
5	Energy Charge	$0.0164000	32,850,000	538,740
6	Fuel Adjustment (average)	$0.0030870	32,850,000	101,407
7	Capacity Charge	$0.0005080	32,850,000	16,688
8	Total Firm Power			$1,167,688
	Contract Service Interruptible Power: CS-IRP			
9	Service Charge			
10	Demand Charge			
11	Excess RkVA			
12	Energy Charge			
13	Fuel Adjustment (average)	$0.0000000		
14	Total Interruptible Cost			
15	Subtotal			$1,167,688
16	Environmental Surcharge *(eff. 10/06; changes monthly)*	1.4546%	$1,167,688	16,985
17	Net Merger Savings Rider *(eff. 10/06)*	($0.000620)	32,850,000	(20,367)
18	Pre-Tax Subtotal			$1,164,306
19	State Tax	6.00%	$1,164,306	69,858
20	**Total Cost**			$1,234,164
21	Mills per kWh			37.57

KENTUCKY POWER COMPANY

Adjustment for Fuel and Fuel included in Rates

	Fuel Adjustment $/kWh	Fuel in Rates $/kWh	Total Cost of Fuel $/kWh
Jan 2006	0.0029319	0.01651	0.0194419
Apr 2006	0.0028528	0.01651	0.0193628
Jul 2006	0.0072478	0.01651	0.0237578
Oct 2006	(0.0006846)	0.01651	0.0158254
		Total	0.0783879
		Avg.	0.0195970
Subtract out current fuel in rates →			(0.0165100)
	Annual Fuel Adjustment		**0.0030870**

KENTUCKY UTILITIES COMPANY
http://www.lgeenergy.com/bsc/ku/rates_tariffs.asp

LCI - TOD: Effective 7/5/05
Curtailable Service Rider CSR 2: Effective 7/1/04

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

Large Commercial/Industrial Time-of-Day
Transmission Level

ASSUMPTIONS	
Firm	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Interruptible	
Monthly kW	0
Load Factor	0%
Monthly kWh	0
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Line	Description	Rates	Max Int. / Min Firm Units	Cost
	Customer Charge:	$120.00	1	$120
	Demand Charge:			
1	On-Peak kW	$4.39	50,000	$219,500
2	Off-Peak kW	$0.73	50,000	36,500
	Curtailable Credit* (CSR 2)			
3	Up to 500 hours curtailment annually	($4.09)	50,000	(204,500)
	Energy Charge:			
4	All kWh	$0.025160	32,850,000	826,506
5	Fuel Adjustment (Average)	$0.006293	32,850,000	206,736
6	Subtotal			$1,084,862
7	Environmental Surcharge (Eff 10/06)	3.410%	$1,084,862	36,994
8	Merger Surcredit (Eff 10/06)	-1.326%	$1,121,856	(14,876)
	Subtotal			$1,106,980
9	Value Delivery Surcredit (Eff 1/06)	-0.35%	$1,106,980	($3,874)
10	Firm Subtotal			$1,103,106
11				
12	State Sales Tax	6.00%	$1,103,106	66,186
13				
14	**Total Cost**			$1,169,292
15				
16	Mills per kWh			35.59

*Curtailable demand credit per kW based on transmission service. There is also curtailable riders 1 & 3. Curtailable Rider 1 credit is $3.10, when curtailment shall not exceed 250 hours. Curtialable Rider 3 is also $3.10, for no more than 200 hours per year beginning April 1, 2004 and no more than 100 hours continuously succeeding year.

KENTUCKY UTILITIES COMPANY

Adjustment for Fuel and Fuel included in Rates

	Fuel Adjustment $/kWh	Fuel in Rates $/kWh	Total Cost of Fuel $/kWh
Jan 2006	0.0023100	0.01810	0.0204100
Feb	0.0026300	0.01810	0.0207300
Mar	0.0020300	0.01810	0.0201300
Apr	0.0044000	0.01810	0.0225000
May	0.0072000	0.01810	0.0253000
Jun	0.0060800	0.01810	0.0241800
Jul	0.0072300	0.01810	0.0253300
Aug	0.0082900	0.01810	0.0263900
Sep	0.0094700	0.01810	0.0275700
Oct	0.0129900	0.01810	0.0310900
Nov	0.0050800	0.01810	0.0231800
Dec	0.0078100	0.01810	0.0259100
		Total	0.2927200
		Avg.	0.0243933
Subtract out current fuel in rates →			0.0181000
		Fuel Adj	0.0062933

KINGSPORT POWER COMPANY (AEP)
www.appalachianpower.com/CustomerService/RatesAndTariffs/LegalTariffFilings/Tennessee.aspx
Contact: Judi Willis jrwillis@aep.com
Greg Shamblin, 1-888-710-4237 Ext. 4510
Tariff I.P. Industrial Power
December 1997

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

Rate: I.P. - Transmission Level (eff 12/22/97)

ASSUMPTIONS	
Firm	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Interruptible	
Monthly kW	0
Load Factor	0%
Monthly kWh	0
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

			50 MW Firm		
Line	Description	Rates (1)	Units (2)	Cost (3)	
1	Service Charge	$1,930.00	1	$1,930	
	Demand Charge:				
2	All kW	$7.60	50,000	380,000	
	Energy Charge:				
3	All kWh	$0.022410	32,850,000	736,169	
	Reactive Demand				
4	rkVA in Excess of 50% Demand	$0.75	0	0	
5	Subtotal			$1,118,099	Fuel Adjustment:
					Jan 06 $0.0012349
6	Fuel Adjustment (Average)	$0.0012343	32,850,000	$40,546	Apr 06 $0.0013678
7	Purchased Pwr Adj Rider (Eff. 9/1/00)	($0.0008300)	32,850,000	(27,266)	Jul 06 ($0.0003483)
					Oct 06 $0.0026827
8	Subtotal			$1,131,379	$0.0012343
9	Prompt Payment Discount*	-1.500%	$1,131,379	(16,971)	
10	Subtotal Cost			$1,114,408	
11	Mills per kWh			33.92	

*Prompt Payment Discount will be allowed if account is paid in full within 15 days of date of bill.

Note: Purchased Power Adj. Rider still in effect per Greg Shamblin.

Per Tennessee Department of Revenue, State Sales Tax varies anywhere from 0% on up. Determination factor is the type of industry using the electricity and what it is for, etc.

LOUISVILLE GAS AND ELECTRIC COMPANY

http://www.lgeenergy.com/bsc/lge/rates_tariffs.asp

Rates Effective: 6/30/05 LP-TOD
7/1/04 Interruptible

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

ASSUMPTIONS	
Firm	
Monthly kW	0
Load Factor	100%
Monthly kWh	0
Interruptible	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Line	Description	Rates	Max Int. / Min Firm Units	Max Int. / Min Firm Cost
	Firm Rate - LP-TOD			
1	Customer Charge	$120.00	1	$120
	Demand Charge:			
2	Basic	$2.33	50,000	116,500
3	Summer Peak	$9.02	50,000	451,000
4	Winter Peak	$6.43	50,000	321,500
5	Total (Basic + 4/12 Summer + 8/12 Winter)			481,167
6	Interruptible Credit (CSR2)	($3.98)	50,000	(199,000)
7	PF Credit	-4.00%	$481,167	(19,247)
	Energy Charge:			
8	All kWh	$0.02068	32,850,000	679,338
9	Fuel Adjustment	$0.0027375	32,850,000	89,927
10	Subtotal			$1,032,305
	Environmental Cost			
11	Recovery (eff. 10/06)	0.8100%	$1,032,305	8,362
12	Subtotal			$1,040,667
13	Merger Surcredit (Eff 10/06)	-2.149%	$1,040,667	(22,364)
14	Earnings Share Mech, (Eff 10/06)	0.000%	$1,018,303	0
15	Value Delivery Surcredit (Eff 10/06)	-1.000%	$1,018,303	(10,183)
16	Subtotal before taxes			$1,008,120
17	State Tax (1/1/91)	6.00%	$1,008,120	60,487
18	**Total Cost**			$1,068,607
19	Mills per kWh			32.53

LOUISVILLE GAS AND ELECTRIC COMPANY

Adjustment for Fuel and Fuel included in Rates

	Fuel Adjustment $/kWh	Fuel in Rates $/kWh	Total Cost of Fuel $/kWh
Jan 2006	0.0008800	0.01349	0.0143700
Apr 2006	0.0026800	0.01349	0.0161700
Jul 2006	0.0021900	0.01349	0.0156800
Oct 2006	0.0052000	0.01349	0.0186900
		Total	0.0649100
		Avg.	0.0162275
Subtract out current fuel in rates →			(0.0134900)
	Annual Fuel Adjustment		**0.0027375**

MIDAMERICAN ENERGY - IA

www.midamericanenergy.com/html/rates1b3j.asp

East System

Rate 53 Large Industrial (eff 3/1/99)
Rider No. 4 Interruptible Power Service (eff 5/27/97)

Voltage: Transmission
Power Factor: 90%

ASSUMPTIONS	
Firm	
Monthly kW	0
Load Factor	100%
Monthly kWh	0
Interruptible	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Line	Description		Rates	Max Int. / Min Firm Units	Cost
	Firm Rate - Large Industrial				
1	Basic Service	$	500.00	1	$500
	Demand Charge:				
2	Summer (Jun-Sep)				
3	First 10,000 kW	$	9.18	3,333	30,600
4	Next 50,000 kW		8.50	13,333	113,333
5	Additional kW		6.14	-	-
	Winter				
6	First 10,000 kW		7.34	6,667	48,933
7	Next 50,000 kW		6.64	26,667	177,067
8	Additional kW		4.61	-	-
9	Total kW			50,000	369,933
	Energy Charge:				
	Summer :				
10	On Peak kWh (36%)	$	0.03267	3,942,000	128,785
11	Off Peak kWh		0.02317	7,008,000	162,375
	Winter:				
12	On Peak kWh (36%)		0.03097	7,884,000	244,167
13	Off Peak kWh		0.02317	14,016,000	324,751
14	Total kWh			32,850,000	
15	AEP Cost Recovery	$	0.00057	32,850,000	18,725
16	Energy Efficiency Cost Recovery	$	0.00159	32,850,000	52,232
17	Total Firm Cost				$1,301,468
	Rider No. 4 - Interruptible Power Service				
18	per kW	$	(3.20)	50,000	(160,000)
19	**Total Cost**				$1,141,468
20	Mills per kWh				34.75

MIDAMERICAN ENERGY - IA

www.midamericanenergy.com/html/rates1b3j.asp

North System

Rate LNP/LNO LGS-TOU Transmission (eff 3/1/99)
Rider No. 57 Curtailment Service (eff 1/9/03)

Voltage: Transmission
Power Factor: 90%

ASSUMPTIONS	
Firm	
Monthly kW	0
Load Factor	100%
Monthly kWh	0
Interruptible	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Line	Description		Rates	Max Int. / Min Firm Units	Max Int. / Min Firm Cost
	Firm Rate - Large General Service				
1	Service Charge	$	1,200.00	1	$1,200
	Demand Charge:				
	Peak Demand				
2	Summer (Jun-Sep)				
3	First 600 kW	$	13.15	200	2,630
4	Next 10,400 kW		10.98	3,467	38,064
5	Additional kW		9.74	13,000	126,620
	Winter				
6	First 600 kW		11.45	400	4,580
7	Next 10,400 kW		9.29	6,933	64,411
8	Additional kW		8.25	26,000	214,500
9	Total kW			50,000	450,805
10	Off-Peak Demand Charge	$	5.49	50,000	274,500
11	Max of Peak or Off-Peak Demand Charge				450,805
12	Transformer Ownership Credit	$	(0.30)	50,000	(15,000)
	Energy Charge:				
	Summer :				
13	On Peak kWh (39%)	$	0.02127	3,202,875	68,125
14	Off Peak kWh		0.01657	5,009,625	83,009
	Winter:				
15	On Peak kWh (39%)		0.02127	9,608,625	204,375
16	Off Peak kWh		0.01657	15,028,875	249,028
17	Total kWh			32,850,000	
18	AEP Cost Recovery	$	0.00057	32,850,000	18,725
19	Energy Efficiency Cost Recovery	$	0.00159	32,850,000	52,232
20	Total Firm Cost				$1,112,499
	Rider No. 57 - Curtailment Service				
	Annual Credit of $32.93/kW				
21	expressed as Monthly Credit	$	(2.74)	50,000	(137,208)
22	**Total Cost**				$975,291
23	Mills per kWh				29.69

MIDAMERICAN ENERGY - IA

www.midamericanenergy.com/html/rates1b3j.asp

South System

Rate LXP/LXO LGS-TOU Transmission (eff 3/1/99)
Rider No. 57 Curtailment Service (eff 1/9/03)

Voltage: Transmission
Power Factor: 90%

ASSUMPTIONS	
Firm	
Monthly kW	0
Load Factor	100%
Monthly kWh	0
Interruptible	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Line	Description		Rates	Max Int. / Min Firm Units	Max Int. / Min Firm Cost
	Firm Rate - Large General Service				
1	Service Charge	$	1,200.00	1	$1,200
	Demand Charge:				
	Peak Demand				
2	Summer (Jun-Sep)				
3	First 600 kW	$	13.15	200	2,630
4	Next 10,400 kW		10.98	3,467	38,064
5	Additional kW		9.74	13,000	126,620
	Winter				
6	First 600 kW		11.45	400	4,580
7	Next 10,400 kW		9.29	6,933	64,411
8	Additional kW		8.25	26,000	214,500
9	Total kW			50,000	450,805
10	Off-Peak Demand Charge	$	5.49	50,000	274,500
11	Max of Peak or Off-Peak Demand Charge				450,805
12	Transformer Ownership Credit	$	(0.30)	50,000	(15,000)
	Energy Charge:				
	Summer :				
13	On Peak kWh (39%)	$	0.02127	3,202,875	68,125
14	Off Peak kWh		0.01657	5,009,625	83,009
	Winter:				
15	On Peak kWh (39%)		0.02127	9,608,625	204,375
16	Off Peak kWh		0.01657	15,028,875	249,028
17	Total kWh			32,850,000	
18	AEP Cost Recovery	$	0.00057	32,850,000	18,725
19	Energy Efficiency Cost Recovery	$	0.00159	32,850,000	52,232
20	Total Firm Cost				$1,112,499
	Rider No. 57 - Curtailment Service				
	Annual Credit of $32.93/kW				
21	expressed as Monthly Credit	$	(2.74)	50,000	(137,208)
22	**Total Cost**				$975,291
23	Mills per kWh				29.69

MONONGAHELA POWER COMPANY - WV
(DOING BUSINESS AS ALLEGHENY POWER)
http://www.alleghenypower.com/Tariffs/WV/Wvmontariffs/wvmontariff.asp

General Number 304-366-3000
Marie Hemminger (724) 838-6523 (Works in Rates Dept.)

Rate P, Large Power Service Rate
Effective April 21, 2006
Includes Temporary Surcharge

ASSUMPTIONS	
Firm	
Monthly kW	50000
Load Factor	90%
Monthly kWh	32,850,000
Interruptible	
Monthly kW	0
Load Factor	0%
Monthly kWh	0
Total	
Monthly kW	50000
Load Factor	90%
Monthly kWh	32,850,000

		50 MW Firm	
Description	Rates (1)	Units (2)	Cost (3)
Demand:			
First 3,000 kVa	$ 7.923	3,000	$ 23,769
Next 14,000 kVa	7.456	14,000	104,384
Additional kVa	7.104	38,556	273,902
Total kVa		55,556	
Temporary Surcharge (eff 4/21/06)	0.143	55,556	7,945
Energy:			
All MWh	21.98	32,850	722,043
Subtotal			$ 1,132,042
WV State Franchise Tax Recovery Surcharge	-	32,850	-
Total Cost			$ 1,132,042
Mills per kWh			**34.46**

1/6/05: Spoke with Marie, Temporary Customer Choice Credit is no longer effective as of 1/1/05.
1/5/06: Checked website and found no changes. MLR

PROGRESS ENERGY CAROLINAS, INC. - N.C.
(formerly Carolina Power & Light Company - NC)
www.progress-energy.com/aboutenergy/rates/nctariffs.asp

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

Rate: LGS-TOU eff. 10/1/06
Rider No. 58 D - Curtailable Load eff. 10/1/03

ASSUMPTIONS	
Firm	
Monthly kW	0
Load Factor	100%
Monthly kWh	0
Interruptible	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

			Max Int. / Min Firm	
Line	Description	Rates	Units	Cost
1	Basic Customer Charge	$500.00	1	$500
	Demand Charge:			
	Summer (JJAS)			
2	First 5,000 On-Pk kW	$19.56	5,000	97,800
3	Next 5,000 On-Pk kW	$18.56	5,000	92,800
4	Over 10,000 On-Pk kW	$17.56	40,000	702,400
	Winter (all other months)			
5	First 5,000 On-Pk kW	$14.25	5,000	71,250
6	Next 5,000 On-Pk kW	$13.25	5,000	66,250
7	Over 10,000 On-Pk kW	$12.25	40,000	490,000
8	Total Demand Chg. (1/3*Sum + 2/3*Win)			716,000
9	Curtailable Load Discount	($4.20)	50,000	(210,000)
	Energy Charge:			
10	On-Peak kWh (35%)	0.04157	11,497,500	477,951
11	Off-Peak kWh	0.03657	21,352,500	780,861
12	Adjustment for Fuel in Rates	($0.002205)	32,850,000	(72,434)
	Voltage Discount			
13	Demand	($0.48)	50,000	(24,000)
14	Energy	($0.000700)	32,850,000	(22,995)
15	Subtotal			$1,645,883
16	Sales Tax	4.500%	$1,645,883	74,065
17	**Total Cost**			**$1,719,947**
18	Mills per kWh			52.36

PROGRESS ENERGY CAROLINAS, INC. - N.C.
(formerly Carolina Power & Light Company - NC)

Adjustment for fuel in rates

	¢/kWh
Jan '06	0.5160
Apr	0.5160
Jul	0.5160
Oct	0.8100
Average	0.5895
Difference	(0.2205)
$/kWh	(0.002205)

PROGRESS ENERGY CAROLINAS, INC. - S.C.
(formerly Carolina Power & Light Company - SC)
www.progress-energy.com/aboutenergy/rates/sctariffs.asp

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

Rate: LGS-TOU eff. 7/1/06
Rider No. 58 E - Curtailable Load eff. 7/1/05

ASSUMPTIONS	
Firm	
Monthly kW	0
Load Factor	100%
Monthly kWh	0
Interruptible	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Line	Description	Rates	Max Int. / Min Firm Units	Cost
1	Basic Customer Charge	$425.00	1	$425
	Demand Charge:			
	Summer (JJAS)			
2	First 5,000 On-Pk kW	$18.71	5,000	93,550
3	Next 5,000 On-Pk kW	$17.71	5,000	88,550
4	Over 10,000 On-Pk kW	$16.71	40,000	668,400
	Winter (all other months)			
5	First 5,000 On-Pk kW	$13.68	5,000	68,400
6	Next 5,000 On-Pk kW	$12.68	5,000	63,400
7	Over 10,000 On-Pk kW	$11.68	40,000	467,200
8	Total Demand Chg. (1/3*Sum + 2/3*Win)			682,833
9	Curtailable Load Discount	($5.00)	50,000	(250,000)
	Energy Charge:			
10	On-Peak kWh (35%)	0.04023	11,497,500	462,544
11	Off-Peak kWh	0.03523	21,352,500	752,249
12	Adjustment for Fuel in Rates	(0.00150)	32,850,000	(49,275)
	Voltage Discount			
13	Demand	($0.55)	50,000	(27,500)
14	Energy	($0.0006)	32,850,000	(19,710)
15	Subtotal			$1,551,566
16	Sales Tax (incl. In rates)	0.000%	$1,551,566	0
17	**Total Cost**			**$1,551,566**
18	Mills per kWh			**47.23**

PROGRESS ENERGY CAROLINAS, INC. - S.C.
(formerly Carolina Power & Light Company - SC)
Adjustment for fuel in rates

	$/kWh
Jan 2006	0.0220
Apr 2006	0.0220
Jul 2006	0.0250
Oct 2006	0.0250
Average	0.0235
Difference	(0.0015)

ROCKY MOUNTAIN POWER - ID
http://www.pacificorp.com/

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

ASSUMPTIONS	
Firm	
Monthly kW	0
Load Factor	100%
Monthly kWh	0
Interruptible	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Rate Schedule 400 - Special Contract (Monsanto) (eff 1/3/03)
Service through 12/31/06

Line	Description	Rates	Max Int. / Min Firm Units	Cost
	Firm Power & Energy			
1	Customer Service Charge	$283.00	1	$283
2	Demand Charge	$8.81	0	0
3	Energy Charge: All kWh	$0.016310	0	0
4	Total Firm Cost			283
	Interruptible Power & Energy			
5	Demand Charge	$4.09	50,000	204,500
6	Energy Charge: All kWh	$0.016310	32,850,000	535,784
7	Total Interruptible Cost			$740,284
8	**Total Cost**			**740,567**
9	Mills per kWh			**22.54**

ROCKY MOUNTAIN POWER - UT
http://www.pacificorp.com/

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

ASSUMPTIONS	
Firm	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Interruptible	
Monthly kW	0
Load Factor	0%
Monthly kWh	0
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Rate 9A - General Service - High Voltage TOD Option (eff 12/11/06)

Line	Description	Rates (1)	50 MW Firm Units (2)	50 MW Firm Cost (3)
1	Customer Charge	$170.00	1	$170
2	Facilities Charge per kW	$1.54	50,000	77,000
	Energy Charge:			
3	On-Peak kWh (48%)	$0.059596	15,768,000	939,710
4	Off-Peak kWh	$0.025604	17,082,000	437,368
5	Subtotal			1,454,247
6	Surcharge (Sch 91)	$6.25	1	6
7	Interim Credit (Sch 95)	-2.44%	$1,454,247	(35,484)
8	DSM Cost Adjustment (Sch 193)	2.13%	$1,454,247	30,975
9	**Total Cost**			**$1,449,745**
10	Mills per kWh			**44.13**

ROCKY MOUNTAIN POWER - WA
http://www.pacificorp.com/

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

ASSUMPTIONS	
Firm	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Interruptible	
Monthly kW	0
Load Factor	0%
Monthly kWh	0
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Rate 48T - Large General Service TOU (eff 6/2/05)

			50 MW Firm	
Line	Description	Rates (1)	Units (2)	Cost (3)
	Basic Charge			
1	Monthly	$1,130.00	1	$1,130
2	per kW	$0.63	50,000	31,500
	Demand Charge:			
3	On-Peak Period kW	$5.05	50,000	252,500
	Energy Charge:			
4	All kWh	$0.030550	32,850,000	1,003,568
	kVAr Charge:			
5	All kVAr	$0.45	0	0
6	Subtotal			1,288,698
7	Metering Discount	-1.0%	1,288,698	(12,887)
8	Delivery Discount	($0.30)	50,000	(15,000)
9	Sch 91 - Low Income Surcharge (eff 7/1/04)	$75.00	1	75
10	Sch 98 - Power Planning & Cons Act (eff 11/1/06)	($0.008840)	32,850,000	(290,394)
11	Sch 191 - System Benefits Charge (eff 11/1/06)	$0.000830	32,850,000	27,266
12	**Total Cost**			**$997,757**
13	Mills per kWh			**30.37**

ROCKY MOUNTAIN POWER - WY
http://www.pacificorp.com/

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

ASSUMPTIONS	
Firm	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Interruptible	
Monthly kW	0
Load Factor	0%
Monthly kWh	0
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Rate 48T - Large General Service Transmission Delivery TOU
Schedule 94 - NPC PCAM Tariff (eff 7/1/06)

Line	Description	Rates (1)	50 MW Firm Units (2)	50 MW Firm Cost (3)
1	Basic Charge	$3,780.00	1	$3,780
	Demand Charge:			
2	On-Peak Period kW	$9.93	50,000	496,500
	Energy Charge:			
3	All kWh	$0.006480	32,850,000	212,868
	kVAr Charge:			
4	All kVAr	$0.60	0	0
	NPC PCAM Tariff (eff 7/1/06)			
5	On-Peak Demand kW	$0.77	50,000	38,500
6	per kWh	$0.01135	32,850,000	372,848
7	**Total Cost**			**$1,124,496**
8	Mills per kWh			**34.23**

SOUTH CAROLINA ELECTRIC & GAS COMPANY

http://www.scana.com/SCEG/In+Business/Customer+Service/Manage+Energy+Use/Commercial+and+Industrial+Electric+Rates.htm

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

Rate 23, Industrial Power Service eff. 5/1/06
Interruptible Rider - 1/2005

ASSUMPTIONS	
Firm	
Monthly kW	0
Load Factor	100%
Monthly kWh	0
Interruptible	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

			Max Int. / Min Firm	
Line	Description	Rates	Units	Cost
	Demand Charge			
1	First 1,000 kW	$12,710	1,000	12,710
2	Additional kW	$11.51	49,000	563,990
3	Total kW		50,000	
4	Voltage Discount	($0.60)	50,000	(30,000)
5	Energy Charge	$0.033490	32,850,000	1,100,147
6	Adjustment for Fuel in Rates	($0.001300)	32,850,000	(42,705)
7	Subtotal			$1,604,142
8	Interruptible Credit (Option A) (Max Curtailable Hrs. - 150)	($2.75)	50,000	(137,500)
9	Total Cost (Option A)			$1,466,642
10	Mills per kWh			44.65
11	Interruptible Credit (Option C) (Max Curtailable Hrs - 300)	($4.50)	50,000	(225,000)
12	Total Cost (Option C)			$1,379,142
13	Mills per kWh			41.98

SOUTH CAROLINA ELECTRIC & GAS COMPANY

Adjustment for fuel in rates

	¢/kWh
Jan '06	2.2560
Apr	2.2560
Jul	2.5160
Oct	2.5160
Average	2.3860
Difference	(0.1300)
$/kWh	(0.001300)

SOUTHWESTERN ELECTRIC POWER COMPANY - AR

www.swepco.com/CustomerService/RatesAndTariffs/LegalTariffFilings/Arkansas.aspx

Rates Effective: LL&P 3/5/2004
Experimental Curtailable Rider 3/5/2004

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

ASSUMPTIONS	
Firm	
Monthly kW	0
Load Factor	100%
Monthly kWh	0
Interruptible	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

			Max Int. / Min Firm	
Line	Description	Rates	Units	Cost
	Firm Rate - Large Light & Power			
	Demand Charge:			
	Summer: (MJJAS)			
1	First 10,000 kW	$51,200	4,167	$21,333
2	Add'l kW	$5.12	16,667	85,333
	Winter:			
3	First 10,000 kW	$38,700	5,833	22,575
4	Add'l kW	$3.87	23,333	90,300
	Energy Charge:			
5	Summer kWh	$0.01290	13,687,500	176,569
6	Winter kWh	$0.00350	19,162,500	67,069
			32,850,000	
7	Curtailable Service Rider	($2.91)	50,000	(145,500)
8	Transmission Discount	$0.00	50,000	0
9	Subtotal			$317,679
10	Net Merger Savings Rider	-1.44720%	$317,679	(4,597)
11	Fuel Adjustment (Average)	$0.032698	32,850,000	1,074,129
12	Transition Cost Rider (Term 2/21/06)	$0.0000000	32,850,000	0
13	**Total Cost**			$1,387,211
14	Mills per kWh			42.23

Fuel Adj:	
Jan '06	$0.032698
Apr '06	$0.032698
Jul '06	$0.032698
Oct 06	$0.032698
Average	$0.032698

SOUTHWESTERN ELECTRIC POWER COMPANY - LA

www.swepco.com/CustomerService/RatesAndTariffs/LegalTariffFilings/Louisiana.aspx

Rates Effective: 10/22/03

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

ASSUMPTIONS	
Firm	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Interruptible	
Monthly kW	0
Load Factor	0%
Monthly kWh	0
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

			50 MW Firm	
Line	Description	Rates	Units	Cost
		(1)	(2)	(3)
	Firm Rate - LLP			
	Demand Charge:			
1	All kW	$4.65	50,000	$232,500
	Energy Charge:			
2	First 500,000 kWh	$0.01200	500,000	6,000
3	Next 4,500,000 kWh	$0.00700	4,500,000	31,500
4	Additional kWh	$0.00650	27,850,000	181,025
5	Fuel Adjustment (Average)	$0.028394	32,850,000	932,751
6	Subtotal Firm Cost			$1,383,776
7	State Tax (eff 7/1/03)	3.80%	1,383,776	52,583
8	Total Cost			$1,436,360
9	Mills per kWh			43.72

Fuel Adj:	
Jan '06	$ 0.020760
Apr '06	$ 0.033394
Jul '06	$ 0.029614
Oct '06	$ 0.029809
Average	$ 0.028394

SOUTHWESTERN ELECTRIC POWER COMPANY - TX

www.swepco.com/CustomerService/RatesAndTariffs/LegalTariffFilings/TexasCurrent.aspx

Rates Effective: February 15, 1984

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

ASSUMPTIONS	
Firm	
Monthly kW	0
Load Factor	100%
Monthly kWh	0
Interruptible	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Line	Description	Rates	Max Int. / Min Firm Units	Cost
	Firm Rate - LLP			
	Demand Charge:			
1	First 10,000 kW	$50,100.00	0	$0
2	Additional kW	$5.01		
3	Transmission Discount	($0.29)	0	0
	Energy Charge:			
4	All kWh	$0.0070	0	0
5	Subtotal			$0
6	House Bill 11 Tax (Eff. 1/99)	0.000000%	$0	0
7	Fuel Adjustment (Average)	$0.0291210	0	0
8	Net Merger Savings Rider (eff 6/28/06)	-1.782700%	$0	0
9	Rate Reduction Rider (eff 6/28/06)	-2.997700%	0	0
10	Military Base Adj Factor (eff 4/11/06)	$0.0000515	0	0
11	Purchased Pwr & Conserv. Factor	($0.000087)	0	0
12	Total Firm Cost			$0
	Interruptible Rate - IPS			
	Demand Charge:			
13	All kW (5,000 min)	$3.54	50,000	$177,000
	Energy Charge:			
14	All kWh	$0.0059	32,850,000	193,815
15	Fuel Adjustment (Average)	$0.0291210	32,850,000	956,625
16	Subtotal			$1,327,440
17	Net Merger Savings Rider	-1.782700%	370,815	($6,611)
18	Rate Reduction Rider	-2.997700%	370,815	(11,116)
19	Military Base Adj Factor (eff 4/11/06)	$0.0000515	32,850,000	1,692
20	Purchased Pwr & Conserv. Factor	($0.000087)	32,850,000	(2,858)
21	**Total Cost**			$1,306,855
22	Mills per kWh			39.78

Fuel Adj	
Jan '06	$0.023743
Apr '06	$0.034499
Jul '06	$0.034499
Oct '06	$0.023743
Average	$0.029121

Note: Costs exclude Fuel Cost Surcharges - the fuel cost surcharges for transmission customers are based on actual historical kWh usage recorded during period that the underrecoveries/overrecoveries accumulated.

SOUTHWESTERN PUBLIC SERVICE COMPANY - TX
(Xcel Energy)
www.xcelenergy.com

Rates Effective:
LGS-T 4/24/96 (3/5/97)
Experimental Industrial Interruptible Rate Rider (

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

ASSUMPTIONS	
Firm	
Monthly kW	0
Load Factor	100%
Monthly kWh	0
Interruptible	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Line	Description	Rates	Max Int. / Min Firm Units	Cost
	Firm Rate - LGS			
	Demand Charge:			
1	First 7,500 kW	$46,489	0	$0
2	Add'l kW	$6.12	0	0
	Energy Charge:			
3	All kWh	$0.00250	0	0
	Backbone Service Disc.			
4	Per customer	($1,125)	0	0
5	Per Add'l kW	($0.15)	0	0
6	Power Factor Adjustment	$0.25	0	0
7	Subtotal			$0
8	Transition Cost Recovery Factor	0.97850%	$0	$0
9	Fuel Adjustment (Average)	$0.037837	0	0
9a	PCRF (eff. 10/2006)	$0.000570	0	0
10	**Total Firm Cost**			$0
	Experimental Industrial Interruptible Rate Rider			
12	Customer Charge with Firm	$50.00	0	0
13	Customer Charge w/o Firm	$639.00	1	639
	Demand Charge			
14	Instantaneous	$3.40	50,000	170,000
15	Two-Hour Notice	$4.28	50,000	214,000
16	Energy Charge	$0.00250	32,850,000	82,125
17	Subtotal Instantaneous			$252,764
18	Subtotal Two-Hour Notice			$296,764
	Transition Cost Recovery Factor			
19	Instantaneous	0.97850%	$252,764	$2,473
20	Two-Hour Notice	0.97850%	$296,764	$2,904
21	Fuel Adjustment (Average)	$0.037837	32,850,000	1,242,945
	No PCRF for Interruptible Rates			
22	Total Instantaneous Interruptible			$1,498,183
23	Total Two-Hour Notice interruptible			$1,542,613
	Total Cost:			
24	Instantaneous			$1,498,183
25	Mills per kWh			45.61
26	Two-Hour Notice			$1,542,613
27	Mills per kWh			46.96

Fuel Adjustment:	
Jan 2006	$0.041473
Apr 2006	$0.041473
Jul 2006	$0.034201
Oct 2006	$0.034201
Average	$0.037837

Note: Costs exclude Fuel Cost Surcharges - the fuel cost surcharges for transmission customers are based on actual historical kWh usage recorded during period that the underrecoveries/overrecoveries accumulated.

TENNESSEE VALLEY AUTHORITY

Rates Effective: 10/03

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

ASSUMPTIONS	
Firm	
Monthly kW	0
Load Factor	100%
Monthly kWh	0
Interruptible	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Line	Description	Rates	Max Int. / Min Firm Units	Max Int. / Min Firm Cost
	Firm Rate - DSMD (replaces the DSD rate)			
	Interruptible - Flat Price Interruptible (FPI)			
1	Customer Charge	$1,500.00	1	$1,500
2	FPI Administration Charge	$700.00	1	700
3	Demand Charge	$10.36	50,000	518,000
4	Environmental Adj. (10/03)	$0.61	50,000	30,500
5	Oct 2006 Adj	$1.36	50,000	68,000
6	FPI Demand Credit	($3.40)	50,000	(170,000)
7	Energy Charge	$0.01854	32,850,000	609,039
8	Environmental Adj. (10/03)	$0.00113	32,850,000	37,121
9	Oct 2006 Adj	$0.00253	32,850,000	83,111
10	Subtotal			$1,177,970
11	Discount (Mfg. Credit)	Already included in rates (per Quarterly Study)		
12	Reactive Demand Charge	$1.46	3,858	5,633
13	Total Firm Cost			$1,183,603
14	Mills per kWh			36.03

VIRGINIA ELECTRIC AND POWER COMPANY
http://www.dom.com/customer/vabus_bundled.jsp

Rate GS-4 Effective January 1, 2004
CS Rate - Effective September 30, 1997

Voltage: Transmission
Power Factor: 90%
Assumes Substation Ownership

ASSUMPTIONS	
Firm	
Monthly kW	0
Load Factor	100%
Monthly kWh	0
Interruptible	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32850000
Total	
Monthly kW	50,000
Load Factor	90%
Monthly kWh	32,850,000

Description		Rates	Max Int. / Min Firm Units		Cost
Customer Charge	$	127.60	1	$	128
CS-Customer Charge	$	50.00	1		50
Demand:					
On-Peak kW		11.715	50,000		585,750
Excess Off-Peak kW		0.632	5,000		3,160
Distribution kW: Not applicable to a transmission customer					
Curtailable Credit:					
Summer Credit		(3.833)	16,667		(63,883)
Winter Credit		(1.917)	33,333		(63,900)
All rkVA		0.15	24,217		3,633
Energy:					
On-Peak MWh 42%		4.04	13,797		55,740
Off-Peak MWh		2.72	19,053		51,824
Fuel Adjustment (Rider A; 1/1/04)		17.56	32,850		576,846
Fuel Adjustment (Rider B; 1/1/04)		1.35	32,850		44,348
Consumption Tax (Eff. 1/16/04)			32,850		
0 to 2,500 kWh	$	1.48	3		4
2,501 to 50,000		0.94	48		45
Over 50,000		0.71	32,800		23,288
Sales and Use Tax Surcharge (Eff. 1/1/06)	$	0.140	32,850		4,599
Total Cost				$	1,221,630
Mills per kWh					**37.19**

BC Hydro
www.bchydro.com

Transmission Service (Schedule 1823)
Assumes a 90% LF, 90% PF

Description	Units	Rates	Cost
Basic Charge:			
per kVa	55,556	4.866	270,333
Energy:			
per kWh	32,850,000	0.028520	936,882
Total Cost			$ 1,207,215
¢/kWh (Canadian)			**3.67**

Hydro Quebec
http://www.hydroquebec.com/publications/en/rates/index.html

Large Power - Rate L
Assumes a 90% LF, 90% PF

Description	Units	Rates	Cost
Demand Charge			
per kW	50,000	11.85	592,500
Energy:			
per kWh	32,850,000	0.027400	900,090
Total Cost			$ 1,492,590
¢/kWh (Canadian)			**4.54**

Manitoba Hydro
www.hydro.mb.ca

Rate General Service Large
Assumes a 90% LF, 90% PF

Description	Units	Rates	Cost
Demand Charge:			
per kVa	55,556	5.401	300,056
Energy:			
per kWh	32,850,000	0.021870	718,430
Total Cost			$ 1,018,485
¢/kWh (Canadian)			**3.10**

NB Power
www.nbpower.com

Large Industrial Service (eff 7/1/06)
with Curtailable Power Credit
Assumes a 90% LF, 90% PF

Description	Units	Rates	Cost
Demand Charge:			
per kW	50,000	11.09	554,500
Energy:			
per kWh	32,850,000	0.040700	1,336,995
Curtailable Power Credit	50,000	(3.00)	(150,000)
Total Cost			$ 1,741,495
¢/kWh (Canadian)			**5.30**

SaskPower
www.saskpower.com

Power - Standard (Rate Code E24)
Assumes a 90% LF, 90% PF

Description	Units	Rates	Cost
Monthly Charge	1	5,466.00	5,466
Demand Charge: per kVa	55,556	4.128	229,333
Energy: per kWh	32,850,000	0.041710	1,370,174
Total Cost			$ 1,604,973
¢/kWh (Canadian)			**4.89**