



**Commonwealth Edison**

One First National Plaza, Chicago, Illinois  
Address Reply to: Post Office Box 767  
Chicago, Illinois 60690

September 8, 1983

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Subject: Byron Generating Station Units 1 and 2  
Antitrust Analysis  
NRC Docket Nos. 50-454 and 50-455

References (a): August 6, 1982, letter from A. Tolston  
to W. F. Naughton.

(b): September 2, 1983, letter from T. R.  
Tramm to H. R. Denton.

Dear Mr. Denton:

This letter provides additional antitrust information for the Byron Generating Station. Enclosed is one memorandum which was inadvertently omitted in the reference (b) responses to the reference (a) NRC questions.

Exhibit 5 of reference (b) contained copies of recent correspondence relating to the possible sale of electricity to other utilities. A meeting on May 10, 1983 with representatives of Wisconsin Public Power Inc. is discussed in those documents but the meeting summary is not included. The enclosed May 12, 1983 memorandum by Mr. Robert Beckwith was inadvertently omitted from Exhibit 5.

Please address further questions to this office.

Very truly yours,

T. R. Tramm  
Nuclear Licensing Administrator

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M PDR

May 12, 1983

SUBJECT: Meeting with Wisconsin Public Power Inc. (WPPI)  
May 10, 1983

Attending:

<u>WPPI</u>	<u>CECO</u>
D. W. Penn	R. L. Bolger
E. Mullins	R. Beckwith
R. Philley (Atty.)	R. L. Kraatz
	R. G. Ferguson (IL&B)

The two parties met to discuss possible sales of power and energy as discussed in W. B. Behnke's letter of March 18, 1983 and Mr. Penn's letter of April 15, 1983. Following is a summary of the discussion.

1. CECO made two general proposals that might satisfy WPPI's needs:
  - (a) A 50 MW participation in Byron Station through 1996 at about \$20/kW-month (firm cost to be confirmed by additional study). WPPI would receive energy at Byron cost including fuel and pro rata O&M. Any back fitting requirements would also be shared pro rata. *kW*
  - (b) A 50 MW firm sale with a beginning capacity charge of about \$5/MW-month (firm charge to be confirmed by additional study) and energy charges off system margin. A summary of Edison's expected marginal costs was provided.
  - (c) In the above, or any other transactions, power and energy would be delivered at one of CECO's interconnection points. Any third party transmission would be arranged by WPPI.
2. WPPI is not interested in participating in the Byron or Braidwood plants, but would consider LaSalle (See Item 5 following.)
3. WPPI prefers a fixed capacity charge for any transaction that may be agreed upon.
4. WPPI would be willing to consider a one-time, up-front capacity charge for any long term transaction.
5. WPPI requested firm proposals for the following:
  - (a) A long-term firm sale with energy off the system margin. In addition, the capacity charge was to be stated in terms of a one-time, up-front payment rather than as a periodic amount.
  - (b) A 50 MW ownership in Powerton Station allocated evenly across both units. All normal ownership obligations and benefits would accrue to WPPI.

(c) A 50 MW ownership in LaSalle Station allocated evenly across both units. All normal ownership obligations and benefits would accrue to WPPI.

6. CECc agreed to submit proposal in two to four weeks.



R. Beckwith

cc: R. L. Bolger  
H. M. Dellis  
R. G. Ferguson  
R. L. Kraatz

## COMMONWEALTH EDISON COMPANY

ESTIMATED AVERAGE PEAK & OFF-PEAK PERIOD SHORT RUN MARGINAL  
ENERGY COSTS FOR EACH HOUR OF THE DAY: 1984 ONLY  
(MILLS PER KWH IN 1983 DOLLARS)

HOUR ENDING:	— PEAK(1) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
10 A.M.	49.4	45.8	46.6	52.5	45.3	44.6	46.3	39.5	55.8	56.9	54.6	43.1
11	50.3	47.4	47.5	55.5	50.4	47.7	50.9	43.4	61.1	58.4	55.2	43.4
12	49.2	45.6	46.6	53.9	51.9	51.1	55.3	43.4	63.2	57.6	54.8	43.2
1 P.M.	48.8	44.4	46.3	51.4	50.2	55.2	59.9	44.5	65.1	56.9	54.3	42.9
2	49.1	44.5	46.4	53.1	59.6	63.6	70.2	51.4	73.3	58.1	54.7	43.1
3	48.8	43.9	46.2	51.1	58.0	61.0	82.3	54.9	78.1	57.3	54.0	42.0
4	48.0	42.4	45.7	50.4	50.4	55.1	76.4	59.2	69.7	56.5	53.8	40.5
5	49.3	42.0	44.9	49.3	49.2	50.1	63.0	48.6	65.5	53.3	55.3	44.1
6	55.1	44.2	44.6	47.1	43.6	45.9	55.6	44.1	58.1	52.3	61.3	48.3
7	53.5	45.7	45.9	47.9	40.9	44.0	50.1	42.4	53.1	56.0	56.6	45.7
8	50.2	44.4	46.0	49.9	39.8	41.3	47.1	39.3	56.3	56.4	55.0	43.5
9	48.6	43.2	45.7	49.9	43.1	42.2	45.8	41.6	55.9	53.9	54.3	44.1
10	44.9	41.0	42.9	45.2	44.1	41.1	43.9	38.4	52.2	52.7	50.9	39.9

HOUR ENDING:	— OFF-PEAK(2) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1 A.M.	35.3	29.2	29.6	33.1	28.1	27.9	34.3	21.5	35.6	36.5	37.2	23.3
2	35.3	29.2	29.5	32.1	25.8	25.4	31.5	21.1	35.5	36.5	37.1	23.2
3	33.5	28.0	29.1	30.8	24.2	22.9	29.1	19.1	34.4	36.4	36.5	22.6
4	31.7	27.3	28.5	30.2	23.4	21.4	27.4	17.2	32.8	36.2	35.6	21.8
5	32.3	27.5	28.7	30.4	23.3	20.8	26.4	16.3	32.7	36.3	35.4	21.8
6	34.0	28.6	29.2	32.0	24.0	21.5	26.4	17.5	34.2	36.3	36.3	22.4
7	36.4	32.9	32.1	32.6	27.0	25.0	30.2	20.0	35.2	37.8	39.5	25.6
8	40.5	36.3	37.5	38.6	35.1	30.7	33.7	26.5	40.2	43.4	43.4	30.4
9	43.6	39.2	41.1	44.9	38.7	35.8	37.4	31.2	43.4	47.9	48.6	36.4
10	33.4	29.0	29.6	30.4	28.9	27.6	27.8	22.9	30.4	36.9	38.4	23.1
11	35.0	29.6	30.6	31.6	30.1	29.6	30.4	25.9	33.1	39.0	39.4	25.2
12	35.7	29.3	30.1	31.1	30.7	30.8	33.0	28.2	34.6	38.5	40.0	24.9
1 P.M.	35.8	29.0	29.6	30.9	31.6	32.5	33.9	28.6	34.9	37.4	39.6	24.1
2	34.9	28.3	29.2	30.4	31.3	33.5	34.6	30.5	34.9	36.4	39.1	23.6
3	33.4	27.4	27.9	28.9	30.8	33.6	34.2	30.6	34.3	35.0	37.8	22.8
4	33.4	26.6	27.1	28.4	28.4	33.6	34.4	30.2	34.0	34.6	37.9	23.4
5	36.6	28.1	27.3	28.4	28.2	34.3	34.4	30.4	33.9	34.9	42.1	28.8
6	42.6	31.8	29.1	28.8	27.6	32.9	33.6	30.1	33.6	35.1	46.7	32.5
7	43.3	34.2	31.6	30.0	27.6	30.8	32.6	28.4	33.7	39.6	46.1	31.9
8	41.2	34.2	34.1	33.0	28.4	29.6	31.9	27.6	35.3	41.3	44.9	31.4
9	39.3	32.7	33.5	34.6	31.6	31.5	32.1	29.9	36.1	39.1	43.3	29.6
10	37.6	30.8	32.3	32.9	30.6	31.8	32.9	29.6	34.6	36.9	39.9	26.9
11	40.3	34.3	38.1	37.5	37.3	34.8	39.2	32.9	42.2	43.9	44.2	32.2
12	36.6	30.9	32.0	34.2	30.2	29.5	36.0	27.0	37.6	38.8	39.0	26.2

NOTE:(1)PEAK HOURS MONDAY THROUGH FRIDAY ONLY

(2)OFF-PEAK HOURS MONDAY THROUGH FRIDAY PLUS ALL SATURDAY &amp; SUNDAY HOURS

## COMMONWEALTH EDISON COMPANY

ESTIMATED AVERAGE PEAK & OFF-PEAK PERIOD SHORT RUN MARGINAL  
ENERGY COSTS FOR EACH HOUR OF THE DAY: 1985 ONLY  
(MILLS PER KWH IN 1983 DOLLARS)

HOUR ENDING:	— PEAK(1) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
10 A.M.	44.9	46.3	44.9	43.8	40.2	38.8	40.3	36.5	46.7	54.4	46.1	34.5
11	45.3	46.9	45.5	44.7	43.7	41.5	44.1	39.7	52.6	61.3	47.4	35.4
12	45.1	46.4	45.0	44.2	44.6	43.7	47.6	40.1	56.5	58.7	46.7	34.7
1 P.M.	44.7	46.0	44.8	43.6	43.4	46.5	50.6	42.3	59.0	54.6	45.6	34.0
2	45.0	46.1	44.9	43.8	49.2	52.8	58.4	49.1	67.5	59.1	46.2	34.2
3	44.6	45.8	44.8	43.5	48.4	50.7	68.6	52.7	72.5	55.7	45.4	33.2
4	44.1	44.4	44.4	43.4	43.3	46.7	63.7	56.3	63.2	53.2	45.3	31.8
5	44.9	44.1	43.9	42.7	42.6	43.4	52.8	46.3	58.2	50.3	47.6	37.1
6	47.5	46.1	43.7	42.0	38.9	40.0	47.8	40.8	51.1	49.4	52.3	40.9
7	46.8	46.3	44.5	42.3	36.6	38.3	43.6	39.2	45.0	52.8	48.7	38.6
8	45.6	46.1	44.7	43.2	35.8	36.1	41.3	36.3	47.6	53.5	46.5	36.1
9	44.6	45.3	44.5	43.2	38.4	36.8	40.3	38.4	47.3	50.9	46.1	34.8
10	40.8	43.2	42.7	41.3	39.8	36.0	38.6	35.3	44.8	50.8	43.9	30.3

HOUR ENDING:	— OFF-PEAK(2) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1 A.M.	26.8	32.4	31.8	28.9	24.0	21.2	24.4	19.2	33.1	33.6	29.1	14.3
2	26.7	32.2	31.8	28.7	22.9	19.4	22.7	15.9	30.6	30.5	27.6	12.6
3	26.4	31.8	31.5	28.4	21.2	16.9	19.8	14.0	28.3	28.3	25.8	11.7
4	25.8	31.2	30.9	28.0	20.5	15.2	17.8	12.3	25.1	26.7	24.5	11.4
5	25.7	31.1	31.0	28.1	20.3	14.7	16.5	11.5	25.0	27.0	24.4	11.6
6	26.1	31.6	31.4	28.0	21.1	15.3	16.9	12.6	28.0	30.2	27.2	13.7
7	30.3	36.6	34.6	30.4	23.1	19.0	21.2	15.2	31.5	34.1	32.0	16.3
8	35.0	38.5	38.5	36.3	32.3	25.3	26.3	22.0	35.9	40.3	36.1	21.5
9	38.9	41.7	41.0	38.9	34.9	31.0	33.4	27.6	37.8	44.3	40.8	27.7
10	28.3	31.8	30.9	28.9	26.6	23.7	21.8	19.1	27.6	32.3	30.4	15.8
11	29.4	32.2	31.5	29.8	27.9	25.8	24.4	22.1	30.2	35.9	32.3	18.2
12	30.0	32.8	31.4	29.8	28.6	26.6	27.1	24.8	31.7	35.2	32.7	18.1
1 P.M.	30.4	32.6	31.1	30.1	29.5	28.4	28.6	24.8	31.8	34.9	32.4	17.1
2	30.1	32.0	30.8	29.9	29.4	29.9	30.0	27.1	31.5	33.4	32.1	16.8
3	28.6	30.6	29.8	28.1	28.9	30.2	29.5	27.1	31.0	31.6	30.9	16.4
4	28.5	29.8	29.3	27.7	27.3	30.1	29.7	26.4	30.6	30.8	30.9	16.3
5	31.2	32.1	29.5	28.1	27.2	31.0	29.7	26.9	30.4	32.1	34.5	20.0
6	36.1	35.6	31.0	28.6	26.4	29.4	29.1	26.4	30.3	33.3	38.4	23.0
7	36.4	37.7	32.6	29.6	26.6	27.1	28.1	23.9	30.3	36.9	37.9	22.4
8	35.1	37.9	34.1	31.8	27.4	26.0	27.3	23.3	31.3	39.3	36.9	22.1
9	34.1	36.8	33.7	32.9	29.8	28.6	27.6	26.3	31.9	36.8	35.5	20.6
10	33.0	35.1	32.9	31.7	29.1	28.8	28.9	25.7	30.6	34.4	32.6	18.4
11	35.8	37.6	39.7	36.2	34.5	30.3	35.4	27.7	38.4	42.5	38.7	21.1
12	31.0	36.0	35.0	33.2	27.8	23.7	28.7	22.4	35.2	35.9	32.9	17.6

NOTE: (1) PEAK HOURS MONDAY THROUGH FRIDAY ONLY

(2) OFF-PEAK HOURS MONDAY THROUGH FRIDAY PLUS ALL SATURDAY &amp; SUNDAY HOURS

## COMMONWEALTH EDISON COMPANY

ESTIMATED AVERAGE PEAK & OFF-PEAK PERIOD SHORT RUN MARGINAL  
ENERGY COSTS FOR EACH HOUR OF THE DAY: 1986 ONLY  
(MILLS PER KWH IN 1983 DOLLARS)

HOUR ENDING:	— PEAK(1) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
10 A.M.	41.3	47.0	45.4	42.9	31.1	30.6	32.6	29.7	35.4	40.9	40.5	28.1
11	42.8	48.1	46.4	44.6	35.9	34.5	37.4	33.3	39.4	44.6	41.7	29.2
12	41.7	46.7	45.3	43.7	36.8	37.1	41.3	35.1	41.5	43.3	41.1	28.5
1 P.M.	40.2	45.5	44.5	41.9	35.6	39.7	44.5	37.7	42.4	40.3	39.8	26.7
2	41.0	45.9	44.6	43.2	41.1	45.2	51.8	44.4	47.1	43.5	40.7	27.3
3	40.1	44.9	44.2	41.7	40.1	43.5	61.0	47.7	50.4	41.4	39.5	26.2
4	39.4	42.6	43.1	40.5	35.0	39.9	55.9	51.6	44.8	39.7	39.2	25.2
5	41.2	42.1	42.0	38.5	33.3	36.7	47.0	41.5	42.2	37.6	41.8	31.3
6	46.2	45.5	41.8	36.3	29.2	32.6	41.4	35.5	38.3	36.9	44.8	35.4
7	45.1	46.9	43.4	37.1	26.1	30.2	36.2	32.8	34.2	39.2	42.8	33.0
8	42.7	45.8	43.9	39.2	25.0	27.3	33.3	29.5	36.5	39.7	41.1	30.1
9	40.2	43.8	43.2	39.2	28.6	28.3	32.8	31.9	36.1	38.3	40.2	27.1
10	34.1	40.5	39.8	34.0	28.4	27.3	31.5	27.5	37.5	38.4	37.3	23.2

HOUR ENDING:	— OFF-PEAK(2) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1 A.M.	19.2	23.5	24.3	17.7	11.5	11.7	14.8	11.1	18.4	16.1	19.3	9.7
2	16.6	22.3	23.7	15.7	9.9	10.4	12.0	9.7	15.4	13.5	16.6	8.8
3	15.0	20.4	22.4	14.5	9.3	9.5	10.7	9.1	13.7	12.3	15.2	8.4
4	14.1	19.5	21.3	14.0	9.0	9.0	9.9	8.5	11.8	11.4	14.3	8.2
5	14.4	19.6	21.6	14.2	9.0	8.9	9.5	8.2	11.8	11.6	14.3	8.3
6	16.4	22.3	23.5	15.6	9.2	9.0	9.6	8.5	13.8	13.4	16.7	9.3
7	20.6	28.4	29.0	18.4	11.7	10.2	11.7	9.5	18.2	18.8	21.6	11.8
8	26.6	33.2	33.6	25.3	19.4	14.8	16.6	14.5	26.0	26.5	27.6	15.3
9	33.0	38.6	38.7	33.6	24.6	22.0	25.3	20.9	27.8	31.7	33.7	21.3
10	21.4	25.1	26.6	18.3	16.3	14.2	14.3	13.1	18.1	18.9	21.2	11.1
11	22.6	26.1	28.4	19.6	17.6	15.6	16.4	15.6	21.1	21.9	22.4	12.4
12	23.1	26.9	28.2	19.7	18.1	17.1	18.6	17.9	22.8	19.9	22.7	12.4
1 P.M.	23.4	26.6	27.8	19.1	18.4	18.3	19.8	17.2	22.6	19.2	22.3	12.1
2	22.9	25.9	27.3	18.9	18.1	18.9	20.2	19.6	22.5	17.9	21.9	11.9
3	21.6	24.5	25.8	18.1	17.8	18.9	19.8	19.4	21.6	16.9	20.9	11.4
4	21.3	23.6	25.1	17.7	15.1	18.8	20.1	18.2	20.8	16.2	20.9	11.6
5	24.1	25.9	25.6	18.1	14.9	19.3	20.1	18.1	20.6	16.6	24.1	13.8
6	29.9	29.6	27.3	18.1	14.4	18.3	19.1	17.6	20.4	17.6	27.9	15.6
7	30.3	31.9	29.6	18.5	14.4	15.7	17.4	15.9	20.3	19.6	27.4	15.3
8	28.6	32.3	31.9	20.4	14.8	15.1	16.8	15.5	21.9	21.9	26.4	15.1
9	27.4	31.1	31.3	21.4	17.8	15.7	16.9	17.3	22.9	19.4	25.1	14.4
10	26.2	29.1	30.2	20.1	16.6	15.9	18.1	16.6	20.9	17.1	22.3	12.9
11	27.5	31.9	37.1	25.1	20.8	19.8	25.4	20.3	28.7	27.6	29.4	14.7
12	21.7	28.2	30.3	21.0	15.6	15.1	18.7	15.4	21.7	20.2	22.3	12.4

NOTE:(1)PEAK HOURS MONDAY THROUGH FRIDAY ONLY

(2)OFF-PEAK HOURS MONDAY THROUGH FRIDAY PLUS ALL SATURDAY &amp; SUNDAY HOURS



## COMMONWEALTH EDISON COMPANY

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ENERGY COSTS FOR EACH HOUR OF THE DAY: 1987 ONLY  
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HOUR ENDING:	— PEAK(1) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
10 A.M.	36.9	41.7	56.1	49.0	36.8	19.6	26.3	25.3	40.5	44.7	40.8	25.0
11	38.4	43.0	58.5	51.1	41.7	24.4	31.0	28.4	44.7	47.1	42.1	26.2
12	37.1	40.9	56.0	50.0	42.7	26.7	35.0	31.0	47.2	46.1	41.4	25.4
1 P.M.	35.4	39.5	54.2	48.1	41.5	29.0	37.7	33.7	48.3	44.7	40.0	22.9
2	36.5	39.7	54.6	49.3	47.7	33.5	43.1	39.7	53.8	46.3	41.1	24.0
3	35.4	38.8	53.5	47.9	46.8	32.7	49.7	42.5	57.9	45.1	39.7	22.6
4	34.7	36.3	51.1	46.9	41.0	29.6	46.1	45.5	51.4	44.2	39.5	21.9
5	36.6	35.7	49.4	45.5	39.4	26.6	39.6	37.1	47.7	42.6	42.1	28.4
6	41.8	39.3	49.0	44.0	35.3	22.2	35.1	31.3	43.2	41.9	45.4	32.7
7	40.7	41.5	51.9	44.5	33.0	19.3	30.3	28.1	39.0	44.0	43.2	30.3
8	38.2	39.9	53.0	46.3	32.1	16.6	27.0	25.0	40.9	44.2	41.3	27.3
9	35.6	37.8	51.4	46.3	34.7	17.4	26.0	27.4	40.7	42.8	40.8	23.6
10	29.3	33.6	46.7	42.4	35.3	16.5	25.1	22.7	41.3	43.8	38.3	20.1

HOUR ENDING:	— OFF-PEAK(2) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1 A.M.	13.9	16.4	34.8	26.4	16.7	7.8	10.3	8.9	22.8	20.9	20.8	8.5
2	12.2	13.8	33.9	24.8	13.9	7.2	8.6	8.0	20.3	18.7	17.9	7.9
3	11.3	12.6	32.5	23.0	12.7	7.0	8.0	7.6	18.1	17.7	16.3	7.6
4	10.7	12.2	31.5	22.1	12.2	6.8	7.6	7.3	15.9	17.0	15.2	7.4
5	10.8	12.2	31.7	22.3	12.1	6.8	7.4	7.2	15.8	17.2	15.3	7.5
6	12.1	14.3	33.9	24.3	12.6	6.9	7.5	7.3	18.3	18.8	18.0	8.2
7	15.2	18.7	37.5	27.5	16.9	7.3	8.5	8.0	22.3	24.6	23.3	10.1
8	21.6	26.2	41.4	34.5	26.6	9.9	12.6	12.5	31.0	32.5	28.4	12.8
9	28.5	32.4	47.5	40.6	30.3	13.3	19.2	16.9	31.5	36.5	34.5	18.6
10	16.4	18.3	33.4	27.6	21.7	9.7	11.0	10.6	21.6	23.6	23.0	9.6
11	16.9	19.0	35.3	29.0	23.2	10.7	12.9	13.1	24.7	25.9	24.6	10.6
12	17.3	19.1	35.1	29.4	23.5	11.4	15.1	15.0	26.0	26.3	25.1	10.6
1 P.M.	17.2	18.9	34.6	29.9	23.9	12.4	16.1	14.6	26.4	25.6	25.0	10.3
2	16.9	18.1	34.2	29.5	23.7	13.0	16.8	16.7	26.4	24.6	24.6	10.1
3	16.1	17.1	32.6	27.9	23.4	13.1	16.4	16.6	26.1	22.7	23.6	9.7
4	16.1	16.4	31.8	27.3	20.9	12.9	16.6	15.8	25.9	22.3	23.8	10.1
5	17.6	17.9	32.2	27.8	20.5	13.6	16.6	15.9	25.9	23.1	27.1	12.1
6	22.6	21.1	34.3	28.3	19.6	12.4	15.7	15.5	25.6	23.6	30.4	13.8
7	22.9	22.9	36.6	29.4	19.6	10.9	14.4	13.6	25.6	28.1	30.1	13.4
8	21.1	23.4	38.9	31.8	20.1	10.5	13.9	13.2	27.4	29.6	29.3	13.2
9	20.0	21.8	38.4	32.8	23.8	11.3	13.9	15.1	28.1	27.6	28.1	12.4
10	19.1	20.1	37.1	31.8	22.4	11.4	14.9	14.6	26.7	25.6	25.5	11.1
11	21.1	24.0	42.9	35.3	28.3	11.8	19.1	16.9	34.5	35.3	32.1	13.4
12	15.9	19.0	38.6	31.4	21.5	9.5	13.3	12.8	26.8	26.0	24.2	10.5

NOTE: (1) PEAK HOURS MONDAY THROUGH FRIDAY ONLY

(2) OFF-PEAK HOURS MONDAY THROUGH FRIDAY PLUS ALL SATURDAY &amp; SUNDAY HOURS

## COMMONWEALTH EDISON COMPANY

ESTIMATED AVERAGE PEAK & OFF-PEAK PERIOD SHORT RUN MARGINAL  
ENERGY COSTS FOR EACH HOUR OF THE DAY: 1988 ONLY  
(MILLS PER KWH IN 1983 DOLLARS)

HOUR ENDING:	— PEAK(1) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
10 A.M.	31.7	33.2	44.0	42.4	31.3	19.5	26.4	25.7	43.3	69.8	50.8	38.5
11	33.4	34.8	45.1	44.1	35.6	24.4	31.1	30.2	52.3	81.3	52.7	39.5
12	31.9	31.8	44.0	43.3	36.4	26.8	35.1	33.0	57.5	77.5	51.7	38.8
1 P.M.	29.8	29.6	42.5	41.5	35.3	29.2	37.8	35.8	59.8	68.4	49.6	36.2
2	31.1	30.0	43.0	42.8	40.7	33.7	43.5	43.0	71.0	78.0	51.1	37.6
3	29.5	28.5	42.3	41.2	39.7	32.8	50.4	46.6	76.2	71.5	49.5	35.5
4	29.1	25.1	41.3	40.1	34.9	29.8	46.6	51.2	66.0	63.3	49.0	33.7
5	31.3	24.2	40.2	38.0	33.5	26.7	39.9	40.0	59.0	57.4	53.4	41.5
6	37.1	29.3	39.8	36.0	29.8	22.2	35.2	33.4	49.8	55.5	61.7	45.8
7	36.0	33.0	41.6	36.7	27.2	19.1	30.3	29.3	41.1	61.9	55.1	43.2
8	33.2	30.3	42.1	38.7	26.2	16.2	27.0	25.4	45.3	65.2	51.5	40.4
9	29.9	27.0	41.3	38.7	29.3	17.1	26.0	28.1	44.6	58.1	49.2	37.7
10	23.0	21.5	37.6	34.0	30.2	16.1	25.1	23.1	42.6	56.5	46.5	31.9

HOUR ENDING:	— OFF-PEAK(2) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1 A.M.	10.3	9.1	22.6	18.0	12.2	7.6	9.8	8.2	21.0	26.1	29.5	11.6
2	9.3	8.4	19.8	15.7	10.4	7.1	8.3	7.5	16.8	21.7	25.2	10.1
3	8.7	8.1	18.3	14.4	9.8	6.8	7.7	7.1	14.4	20.3	23.0	9.5
4	8.4	8.0	17.2	13.8	9.5	6.7	7.4	6.9	12.5	19.4	21.5	9.1
5	8.5	8.0	17.6	14.1	9.4	6.7	7.3	6.8	12.4	19.7	21.7	9.2
6	9.2	8.6	20.4	15.6	9.6	6.8	7.3	7.0	14.9	22.0	25.8	11.1
7	11.7	10.6	25.5	18.7	12.3	7.1	8.2	7.6	21.5	30.9	33.0	14.6
8	16.1	15.5	31.5	25.8	21.4	9.6	12.2	11.7	30.4	39.9	37.3	21.2
9	23.3	22.8	36.5	33.4	25.2	13.0	18.9	16.9	31.4	48.3	42.8	28.7
10	13.9	12.4	24.6	19.6	17.6	9.6	10.7	10.2	19.7	29.7	30.9	14.4
11	14.4	12.8	25.9	21.7	19.1	10.4	12.6	12.6	22.9	33.1	33.3	16.0
12	14.7	12.9	26.2	20.9	19.3	11.2	14.8	14.6	24.4	33.6	33.9	15.9
1 P.M.	14.9	12.6	25.9	20.3	19.3	12.1	15.8	14.3	24.8	32.7	33.6	14.9
2	14.6	12.4	25.4	20.0	18.8	12.8	16.4	16.3	24.0	31.6	33.2	14.7
3	14.0	11.6	24.3	18.6	18.6	12.9	16.1	16.1	24.5	29.4	31.9	14.1
4	13.8	11.1	23.6	18.4	15.9	12.7	16.1	15.4	24.3	28.9	32.1	14.3
5	15.3	12.2	24.1	18.3	15.5	13.4	16.1	15.4	24.3	30.0	36.3	17.9
6	18.8	14.1	26.0	18.8	15.1	12.2	15.3	15.1	23.9	30.4	40.8	21.2
7	18.9	15.4	27.9	19.1	14.9	10.7	13.9	13.1	24.1	36.0	40.1	20.5
8	17.8	15.7	29.8	21.9	14.9	10.3	13.3	12.8	26.1	37.9	39.1	20.0
9	16.9	14.8	29.4	23.4	17.6	11.1	13.5	14.5	27.1	35.5	37.4	18.4
10	16.4	13.6	28.6	21.4	16.1	11.3	14.3	14.1	25.3	33.3	34.1	16.0
11	15.9	13.5	34.7	25.8	22.4	11.4	18.8	16.9	34.7	42.6	40.8	20.4
12	12.6	10.7	27.1	21.9	16.4	9.2	12.9	11.5	27.3	33.0	35.0	15.4

NOTE: (1) PEAK HOURS MONDAY THROUGH FRIDAY ONLY

(2) OFF-PEAK HOURS MONDAY THROUGH FRIDAY PLUS ALL SATURDAY &amp; SUNDAY HOURS



## COMMONWEALTH EDISON COMPANY

ESTIMATED AVERAGE PEAK & OFF-PEAK PERIOD SHORT RUN MARGINAL  
ENERGY COSTS FOR EACH HOUR OF THE DAY: 1989 ONLY  
(MILLS PER KWH IN 1983 DOLLARS)

HOUR ENDING:	— PEAK(1) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
10 A.M.	37.3	53.8	62.9	51.9	23.3	22.8	28.5	25.3	30.9	49.4	45.7	35.6
11	39.0	56.4	66.7	56.1	29.7	27.8	34.3	31.0	35.6	54.8	47.2	36.7
12	37.5	52.2	62.8	54.0	30.8	30.7	39.1	33.9	37.8	53.0	46.5	35.9
1 P.M.	35.2	48.9	57.9	50.3	29.1	33.5	42.8	36.8	38.6	48.9	44.7	33.4
2	36.7	49.9	60.1	52.6	35.7	39.4	51.3	44.3	43.4	53.3	46.0	34.7
3	34.5	46.9	56.0	49.9	34.5	37.7	62.3	48.2	47.0	50.3	44.5	32.6
4	33.0	44.4	51.3	48.1	28.1	34.0	56.4	53.8	41.2	46.6	44.0	30.8
5	36.5	43.9	49.4	43.2	25.3	30.4	45.4	41.3	38.0	43.4	47.3	38.6
6	43.4	48.7	49.0	40.9	19.2	25.7	39.2	34.3	33.8	42.3	52.3	42.9
7	42.1	53.5	52.7	41.7	15.4	21.3	33.1	29.4	29.4	45.8	48.6	40.4
8	38.6	50.2	55.4	45.1	14.1	17.5	29.3	25.0	31.9	47.4	46.4	37.6
9	34.3	45.5	51.6	45.3	17.9	18.5	28.2	28.1	31.7	43.9	44.6	34.6
10	26.6	42.6	46.1	38.7	16.8	17.2	26.6	22.2	31.0	43.5	41.1	28.8

HOUR ENDING:	— OFF-PEAK(2) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1 A.M.	10.0	26.8	30.1	20.5	7.0	7.3	9.2	7.9	9.4	15.8	18.5	10.8
2	8.9	22.2	26.1	17.3	6.7	6.8	7.9	7.2	8.1	12.8	14.8	9.6
3	8.4	19.8	24.3	15.5	6.6	6.7	7.3	7.0	7.6	12.0	13.3	9.1
4	8.1	18.7	23.1	14.6	6.6	6.6	7.0	6.8	7.2	11.6	12.3	8.8
5	8.1	19.2	23.6	15.0	6.6	6.5	6.9	6.7	7.2	11.8	12.5	8.9
6	8.9	23.5	27.1	17.2	6.6	6.6	7.0	6.9	7.7	13.1	15.5	10.6
7	11.7	31.3	33.4	23.1	7.2	6.9	7.7	7.3	9.9	21.0	23.4	13.5
8	18.2	35.5	38.7	29.4	10.8	9.1	11.3	10.8	17.4	30.5	29.5	19.2
9	26.1	40.5	46.6	38.8	15.8	13.5	19.9	16.3	21.9	36.3	37.0	26.6
10	14.3	27.4	31.9	24.3	10.1	9.6	10.9	10.4	11.3	22.5	23.8	14.4
11	15.1	29.1	34.2	26.0	10.9	10.7	13.0	12.9	13.4	24.5	25.6	15.4
12	15.4	30.1	34.1	26.5	11.3	11.4	15.3	14.9	14.4	24.6	26.3	15.3
1 P.M.	15.3	29.9	33.6	27.0	11.4	12.4	16.4	14.6	14.4	23.7	26.3	14.3
2	14.9	29.3	33.0	26.7	11.1	13.1	17.2	16.8	14.4	22.6	25.9	14.0
3	14.1	27.6	31.1	25.1	10.9	13.2	16.7	16.6	13.6	20.3	25.0	13.6
4	13.9	26.6	30.3	24.6	9.7	13.1	16.7	15.8	13.1	19.7	25.1	13.8
5	15.8	29.3	30.8	25.0	9.6	13.7	16.7	15.9	13.0	20.3	28.6	17.1
6	20.9	33.4	33.2	25.6	9.3	12.6	15.9	15.4	12.9	20.6	32.1	20.4
7	21.3	36.1	35.9	26.7	9.3	10.8	14.5	13.5	12.7	25.4	31.6	19.7
8	19.3	36.3	38.7	28.9	9.4	10.4	13.8	13.1	13.9	27.1	30.9	19.3
9	18.0	35.1	38.0	29.9	11.1	11.3	13.7	14.9	14.4	24.7	29.8	17.6
10	16.8	33.0	36.6	28.9	10.4	11.4	14.9	14.4	13.3	22.1	27.3	15.3
11	18.0	35.6	41.7	31.7	11.7	11.7	19.7	16.2	20.2	32.5	33.5	18.1
12	12.6	32.4	35.8	28.2	8.3	8.6	12.4	10.7	12.3	22.6	25.3	13.6

NOTE: (1) PEAK HOURS MONDAY THROUGH FRIDAY ONLY

(2) OFF-PEAK HOURS MONDAY THROUGH FRIDAY PLUS ALL SATURDAY &amp; SUNDAY HOURS

## COMMONWEALTH EDISON COMPANY

ESTIMATED AVERAGE PEAK & OFF-PEAK PERIOD SHORT RUN MARGINAL  
ENERGY COSTS FOR EACH HOUR OF THE DAY: 1990 ONLY  
(MILLS PER KWH IN 1983 DOLLARS)

HOUR ENDING:	— PEAK(1) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
10 A.M.	38.4	55.7	82.5	68.3	28.8	24.2	30.2	27.4	33.9	77.9	59.2	40.7
11	40.1	58.3	87.8	76.1	34.0	29.2	36.2	33.0	39.6	92.2	62.9	41.8
12	38.5	53.9	82.3	72.2	35.0	32.1	41.6	36.0	42.6	87.6	61.0	41.0
1 P.M.	36.2	50.6	74.5	65.4	33.8	35.1	45.8	39.2	43.8	76.3	57.0	38.2
2	37.6	51.6	78.1	69.6	40.0	41.4	55.7	48.6	50.7	88.2	59.9	39.8
3	35.5	48.6	71.1	64.7	39.0	39.4	68.0	53.6	55.7	80.2	57.1	37.3
4	33.9	45.7	62.6	61.6	33.2	35.4	61.5	59.9	47.5	69.7	55.9	35.4
5	37.6	45.2	58.8	53.8	30.9	31.6	48.9	44.8	43.2	61.4	63.8	44.0
6	44.8	50.4	58.1	50.7	25.3	27.1	41.6	36.6	37.7	58.8	76.9	49.0
7	43.4	55.4	65.2	51.8	21.5	22.8	35.0	31.5	32.2	67.6	66.8	45.9
8	39.6	52.0	70.1	56.8	20.0	18.9	31.0	27.2	35.2	72.1	60.7	42.8
9	35.2	47.0	63.1	57.2	24.3	19.9	29.9	30.2	34.8	62.4	55.9	40.0
10	27.6	43.6	53.1	48.2	24.3	18.6	28.3	24.5	34.7	59.2	50.2	34.0

HOUR ENDING:	— OFF-PEAK(2) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1 A.M.	10.2	23.2	34.9	26.9	8.4	7.5	9.8	8.2	11.4	24.5	27.8	13.9
2	8.9	18.5	31.0	23.0	7.6	6.9	8.1	7.5	9.5	19.9	23.8	11.9
3	8.4	16.3	29.2	20.7	7.3	6.7	7.5	7.1	8.7	18.6	21.5	11.0
4	8.1	15.4	27.9	19.5	7.2	6.6	7.2	6.9	7.9	17.7	20.1	10.5
5	8.1	15.8	28.4	20.0	7.2	6.6	7.0	6.8	7.9	18.0	20.4	10.6
6	9.0	19.9	31.9	22.8	7.3	6.6	7.1	6.9	8.7	20.3	24.3	13.1
7	11.9	28.6	37.7	29.1	8.5	7.0	8.0	7.6	12.0	30.2	31.7	17.9
8	18.7	34.9	44.3	36.8	15.9	9.6	12.2	11.8	20.9	40.2	37.7	23.5
9	26.8	40.8	57.4	49.0	20.8	14.5	21.5	17.9	24.1	51.3	46.7	31.3
10	14.4	25.0	37.4	30.3	14.0	9.9	11.4	10.8	13.4	30.1	30.7	18.3
11	15.1	26.6	39.9	32.8	15.4	11.1	13.8	13.9	15.9	33.9	33.4	20.4
12	15.6	27.7	39.7	33.2	15.9	12.1	16.3	16.1	17.1	34.3	34.1	20.1
1 P.M.	15.4	27.4	39.0	33.6	16.1	12.9	17.6	15.6	17.1	33.3	33.7	19.1
2	15.1	26.8	38.4	33.1	15.8	13.9	18.3	18.1	16.8	32.1	33.3	18.6
3	14.4	25.1	36.4	30.8	15.4	13.9	17.7	17.9	15.7	29.9	31.7	17.9
4	14.5	24.1	35.4	30.1	12.8	13.8	17.9	16.9	14.9	29.3	31.9	18.1
5	15.9	26.9	35.9	30.6	12.6	14.6	18.0	16.9	14.8	30.4	36.6	23.1
6	20.5	31.2	38.4	31.4	11.9	13.2	16.9	16.4	14.6	30.9	41.9	27.3
7	20.9	33.9	41.4	32.9	11.9	11.3	15.2	14.6	14.6	36.4	41.1	26.5
8	19.0	34.2	44.6	36.3	12.3	10.8	14.6	14.0	16.1	38.5	39.9	25.9
9	17.8	32.9	43.8	37.9	14.8	11.8	14.7	16.1	17.2	35.7	37.9	23.9
10	16.7	30.9	42.3	36.1	13.6	12.1	15.9	15.5	15.1	33.6	34.3	20.8
11	18.6	34.4	46.2	39.0	17.3	12.6	21.5	17.9	24.1	42.6	41.1	24.6
12	12.9	29.5	40.2	34.5	11.3	8.9	13.5	11.6	15.4	32.1	33.6	18.7

NOTE: (1) PEAK HOURS MONDAY THROUGH FRIDAY ONLY

(2) OFF-PEAK HOURS MONDAY THROUGH FRIDAY PLUS ALL SATURDAY &amp; SUNDAY HOURS

## COMMONWEALTH EDISON COMPANY

ESTIMATED AVERAGE PEAK & OFF-PEAK PERIOD SHORT RUN MARGINAL  
ENERGY COSTS FOR EACH HOUR OF THE DAY: 1991 ONLY  
(MILLS PER KWH IN 1983 DOLLARS)

HOUR ENDING:	— PEAK(1) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
10 A.M.	42.2	55.1	57.5	48.3	23.2	26.0	31.8	29.6	36.4	70.2	82.7	44.6
11	44.2	57.8	60.7	51.7	29.5	31.0	38.5	35.1	43.0	82.9	89.2	46.0
12	42.3	53.2	57.4	50.0	30.5	34.1	44.7	38.5	46.5	78.7	86.1	45.0
1 P.M.	39.7	49.5	53.1	46.9	29.0	37.6	49.8	42.2	48.2	68.8	78.6	41.8
2	41.4	50.6	55.0	48.8	35.4	44.8	61.6	53.6	56.6	79.3	84.1	43.5
3	39.0	47.1	51.4	46.6	34.3	42.3	75.3	59.8	62.2	72.3	78.5	40.9
4	37.2	44.0	47.1	45.1	28.0	37.7	68.4	66.3	52.8	63.3	76.4	38.8
5	41.3	43.4	45.3	40.7	25.3	33.5	53.5	49.1	47.5	56.6	90.0	48.7
6	49.7	49.2	44.8	38.8	19.2	28.9	44.8	39.1	41.0	54.5	107.3	55.7
7	48.0	54.7	48.5	39.5	15.5	24.6	37.0	33.6	34.7	61.6	95.3	51.3
8	43.6	50.9	50.9	42.5	14.2	20.6	32.6	29.3	37.9	65.3	85.4	47.2
9	38.7	45.4	47.4	42.7	18.0	21.7	31.5	32.3	37.3	57.4	75.9	44.0
10	30.4	41.8	41.6	36.6	17.3	20.4	29.7	26.7	37.1	55.3	63.2	37.9

HOUR ENDING:	— OFF-PEAK(2) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1 A.M.	10.9	24.1	23.0	16.4	7.1	7.7	10.4	8.6	12.3	21.5	35.1	17.7
2	9.5	19.5	18.8	14.0	6.8	7.1	8.6	7.7	9.9	17.1	31.1	14.5
3	8.8	17.2	17.2	12.6	6.6	6.8	7.8	7.3	8.9	15.9	28.9	12.9
4	8.5	16.3	16.1	11.9	6.6	6.7	7.4	7.0	8.1	15.1	27.2	12.1
5	8.5	16.6	16.6	12.2	6.6	6.6	7.2	6.9	8.1	15.4	27.4	12.4
6	9.5	20.8	19.9	13.8	6.6	6.7	7.3	7.1	9.1	17.5	31.4	15.7
7	12.8	29.2	28.0	19.5	7.2	7.2	8.4	7.8	13.1	27.9	38.8	22.4
8	20.7	34.0	33.4	26.6	11.2	10.1	13.3	12.7	23.0	38.0	45.5	26.9
9	29.4	40.0	41.9	35.8	15.8	15.8	23.3	19.5	26.2	47.3	61.8	34.9
10	15.5	24.7	26.9	21.2	10.1	10.5	12.2	11.3	14.8	27.9	38.2	22.1
11	16.4	26.4	28.9	23.0	11.1	11.6	14.8	14.7	17.9	31.3	41.3	24.9
12	16.8	27.4	29.0	23.4	11.5	12.8	17.6	17.2	19.1	31.8	41.9	24.8
1 P.M.	16.6	27.2	28.6	23.8	11.7	13.9	18.6	16.7	19.4	30.9	41.4	24.6
2	16.3	26.5	27.9	23.3	11.4	14.8	19.6	19.1	19.4	29.9	40.8	24.1
3	15.4	24.9	26.2	20.9	11.1	14.9	19.1	18.9	18.6	27.8	38.9	22.9
4	15.4	23.9	25.3	20.1	9.8	14.8	19.3	18.1	18.1	27.2	39.0	23.9
5	17.1	26.6	25.8	20.5	9.6	15.4	19.3	18.4	17.8	28.4	44.6	28.9
6	22.4	30.9	28.4	21.2	9.4	14.1	18.2	17.8	17.5	28.9	51.1	31.9
7	22.8	33.5	31.4	22.9	9.3	11.8	16.6	15.3	17.4	34.1	50.1	31.3
8	20.6	33.9	34.1	26.4	9.6	11.3	15.7	14.9	19.6	36.1	48.6	30.9
9	19.1	32.6	33.4	28.3	11.2	12.4	15.8	17.3	20.7	33.6	46.1	29.6
10	17.9	30.6	32.3	26.6	10.6	12.6	17.3	16.8	18.5	31.6	41.6	27.4
11	20.4	33.6	38.0	28.3	12.0	13.7	23.3	19.5	26.6	40.4	49.2	31.3
12	14.0	30.2	30.5	24.2	8.5	9.5	14.8	12.5	17.1	29.8	40.8	24.5

NOTE: (1) PEAK HOURS MONDAY THROUGH FRIDAY ONLY

(2) OFF-PEAK HOURS MONDAY THROUGH FRIDAY PLUS ALL SATURDAY &amp; SUNDAY HOURS

## COMMONWEALTH EDISON COMPANY

ESTIMATED AVERAGE PEAK & OFF-PEAK PERIOD SHORT RUN MARGINAL  
ENERGY COSTS FOR EACH HOUR OF THE DAY: 1992 ONLY  
(MILLS PER KWH IN 1983 DOLLARS)

HOUR ENDING:	— PEAK(1) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
10 A.M.	55.1	78.0	97.9	66.5	24.9	27.7	33.3	31.2	36.8	63.0	52.2	42.9
11	58.4	84.4	103.9	74.5	31.9	33.1	40.9	36.4	44.1	74.5	55.1	44.3
12	54.9	73.3	97.6	70.7	33.1	36.7	48.0	39.8	48.1	70.6	53.6	43.4
1 P.M.	51.0	64.8	87.9	63.5	31.4	40.8	54.1	43.7	50.0	61.7	50.4	39.8
2	53.5	67.5	92.5	67.9	38.9	49.4	67.6	56.0	59.3	71.2	52.7	41.7
3	49.9	59.4	83.7	62.7	37.8	46.3	82.3	62.7	65.0	64.8	50.4	38.9
4	47.3	52.5	71.8	59.4	30.4	40.7	75.3	69.1	55.1	56.9	49.6	36.6
5	53.4	51.2	66.3	50.5	27.4	35.9	58.6	51.1	49.3	51.3	55.8	47.3
6	69.2	64.3	65.1	46.6	20.6	30.8	48.1	40.5	41.9	49.5	66.9	54.6
7	65.5	77.3	75.5	47.9	16.5	26.2	39.1	35.0	34.9	55.4	58.3	50.0
8	57.1	68.5	82.0	53.9	15.1	22.0	34.2	30.9	38.4	58.7	53.3	45.7
9	49.1	55.5	72.5	54.3	19.2	23.2	32.9	33.7	38.0	51.9	49.8	42.2
10	39.8	48.2	57.3	43.2	18.4	21.8	31.0	28.6	37.7	50.3	45.5	35.0

HOUR ENDING:	— OFF-PEAK(2) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1 A.M.	19.0	29.6	34.6	21.6	7.2	7.9	11.4	9.1	12.9	17.9	22.8	13.5
2	15.5	25.8	30.9	18.2	6.8	7.2	9.2	8.0	10.4	14.2	18.5	11.5
3	13.8	23.8	29.3	16.3	6.7	6.8	8.2	7.5	9.3	13.2	16.5	10.5
4	12.8	23.0	28.0	15.3	6.7	6.7	7.9	7.2	8.4	12.5	15.2	10.1
5	13.0	23.3	28.5	15.7	6.6	6.7	7.6	7.1	8.3	12.8	15.5	10.3
6	15.6	26.8	31.9	18.1	6.7	6.8	7.6	7.3	9.4	14.5	19.2	12.6
7	22.7	33.5	37.8	24.3	7.3	7.3	9.0	8.1	13.8	24.3	27.6	17.3
8	29.9	39.2	46.1	31.3	11.7	10.5	14.4	13.8	24.0	34.5	33.5	23.2
9	38.7	50.3	65.1	45.9	16.9	16.8	24.8	20.9	26.2	42.5	41.5	31.7
10	23.4	29.4	37.1	26.1	11.0	10.9	12.9	12.1	15.9	24.4	26.5	15.4
11	24.9	31.1	40.1	28.4	12.1	12.4	15.8	15.8	19.0	27.3	28.8	17.1
12	25.4	31.9	39.6	28.8	12.6	13.8	17.9	18.1	20.5	27.7	29.6	16.8
1 P.M.	25.6	31.6	38.8	29.3	12.8	14.9	19.4	17.9	20.7	27.1	29.3	15.8
2	24.9	30.9	38.1	28.8	12.4	15.9	20.2	20.4	20.6	26.1	28.8	15.4
3	23.1	29.3	35.8	26.5	12.2	16.0	19.7	20.4	19.9	23.9	27.6	14.9
4	22.7	28.6	34.5	25.8	10.4	15.8	20.0	19.4	19.4	23.4	27.8	15.1
5	26.4	30.8	35.1	26.3	10.3	16.7	20.1	19.6	19.2	24.5	32.2	19.2
6	34.8	34.6	38.0	27.1	9.9	15.2	18.9	19.0	18.8	25.0	36.8	23.3
7	35.4	37.2	41.4	28.6	9.9	12.6	16.9	16.6	18.9	30.6	36.1	22.4
8	32.9	37.4	45.3	31.9	10.2	11.9	16.1	15.8	21.1	32.4	35.1	21.9
9	31.1	36.1	44.2	33.4	11.9	13.1	16.3	18.6	22.4	30.4	33.4	19.9
10	29.3	34.0	42.4	31.8	11.4	13.4	17.6	17.8	20.0	28.1	30.1	16.9
11	31.7	37.5	48.0	33.5	12.6	14.5	25.1	21.1	27.8	36.7	37.6	24.5
12	25.1	34.3	40.1	29.4	8.7	9.8	16.1	13.5	18.1	26.2	29.8	18.2

NOTE: (1) PEAK HOURS MONDAY THROUGH FRIDAY ONLY

(2) OFF-PEAK HOURS MONDAY THROUGH FRIDAY PLUS ALL SATURDAY &amp; SUNDAY HOURS

## COMMONWEALTH EDISON COMPANY

ESTIMATED AVERAGE PEAK & OFF-PEAK PERIOD SHORT RUN MARGINAL  
ENERGY COSTS FOR EACH HOUR OF THE DAY: 1993 ONLY  
(MILLS PER KWH IN 1983 DOLLARS)

HOUR ENDING:	— PEAK(1) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
10 A.M.	45.8	74.6	111.9	79.5	32.4	29.2	35.1	32.3	45.1	105.0	76.3	46.6
11	48.4	79.4	117.7	89.2	39.3	34.7	43.7	39.3	57.6	121.5	82.4	48.2
12	45.9	71.0	111.5	84.6	40.9	38.7	52.2	44.2	64.6	116.5	79.4	47.1
1 P.M.	42.7	64.4	101.6	75.6	39.3	43.4	59.5	50.3	67.2	102.8	72.5	43.3
2	44.8	66.6	106.4	81.1	48.5	52.9	74.4	69.9	80.9	116.8	77.6	45.3
3	41.8	60.0	97.0	74.6	47.1	49.5	89.5	79.9	85.0	107.5	72.4	42.3
4	39.6	53.8	83.3	70.3	38.7	43.2	82.8	82.9	74.8	93.4	70.5	39.9
5	44.6	52.6	76.4	58.5	35.9	37.6	64.8	61.7	66.1	79.9	83.4	51.7
6	55.9	64.0	74.8	53.4	28.6	32.3	52.4	45.5	54.1	75.4	100.6	60.6
7	53.5	74.1	87.5	55.0	24.4	27.8	41.7	37.2	42.0	90.2	88.5	54.9
8	47.6	67.3	95.0	63.1	22.9	23.6	36.1	32.1	47.8	96.9	78.8	49.8
9	41.4	56.6	84.0	63.6	27.5	24.8	34.6	35.6	46.7	81.8	70.2	45.3
10	31.8	49.7	64.4	49.2	28.0	23.4	32.6	29.2	43.3	74.7	58.7	38.1

HOUR ENDING:	— OFF-PEAK(2) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1 A.M.	13.4	30.6	36.6	28.0	9.1	8.2	11.9	8.8	17.3	28.1	30.9	15.1
2	11.3	26.1	32.4	24.5	8.1	7.4	9.3	7.8	13.5	23.3	26.9	12.7
3	10.3	23.5	30.7	22.3	7.7	7.0	8.2	7.3	11.6	21.7	24.6	11.5
4	9.8	22.3	29.3	21.1	7.6	6.8	7.8	7.0	10.0	20.8	23.1	10.9
5	9.9	22.8	29.9	21.6	7.5	6.8	7.5	6.9	10.0	21.1	23.3	11.1
6	11.3	27.2	33.5	24.2	7.7	6.9	7.6	7.1	11.9	23.7	27.4	13.9
7	15.9	34.7	40.7	29.7	9.3	7.4	9.2	7.9	18.1	33.4	34.8	19.4
8	22.6	40.3	50.6	36.6	18.3	11.1	15.7	13.8	28.5	46.6	41.5	25.5
9	31.8	50.7	75.0	54.4	23.5	18.0	26.3	21.1	31.0	65.4	56.9	34.7
10	17.9	31.6	41.6	31.8	15.8	11.5	13.4	12.3	18.3	34.3	34.8	18.5
11	18.9	33.8	44.6	34.4	17.5	13.1	16.5	16.6	21.6	38.9	37.7	20.8
12	19.3	34.9	44.1	34.6	18.0	14.6	19.9	19.3	23.2	39.0	38.4	20.6
1 P.M.	18.8	34.4	43.1	34.9	18.2	15.9	21.1	19.1	23.6	37.4	37.8	19.5
2	18.3	33.6	42.3	34.3	17.7	16.9	22.2	21.8	23.6	35.9	37.1	19.1
3	17.4	31.6	39.8	31.9	17.6	17.1	21.9	21.6	23.1	33.3	35.3	18.3
4	16.9	30.5	38.4	31.3	14.5	16.9	22.2	20.9	22.9	32.6	35.4	18.5
5	19.2	33.4	39.0	31.7	14.1	17.9	22.3	21.3	22.9	33.8	40.9	23.9
6	26.5	38.5	41.9	32.4	13.4	16.1	21.1	20.6	22.4	34.3	47.1	28.4
7	27.1	41.7	45.8	33.9	13.4	13.4	19.2	17.7	22.6	40.8	46.2	27.6
8	24.6	42.1	50.1	37.3	13.4	12.6	18.1	16.9	24.9	43.6	44.5	26.9
9	22.6	40.2	48.9	39.1	16.6	14.0	18.4	20.1	25.9	39.9	42.1	24.6
10	21.1	37.6	46.8	37.1	15.3	14.3	20.0	19.5	23.9	36.9	38.0	21.3
11	23.5	39.6	53.9	38.6	19.7	15.6	27.0	21.4	32.9	49.4	45.6	27.3
12	17.6	35.9	43.3	34.8	12.8	10.4	17.5	13.4	23.8	35.6	36.9	20.7

NOTE: (1) PEAK HOURS MONDAY THROUGH FRIDAY ONLY

(2) OFF-PEAK HOURS MONDAY THROUGH FRIDAY PLUS ALL SATURDAY &amp; SUNDAY HOURS



## COMMONWEALTH EDISON COMPANY

ESTIMATED AVERAGE PEAK & OFF-PEAK PERIOD SHORT RUN MARGINAL  
ENERGY COSTS FOR EACH HOUR OF THE DAY: 1994 ONLY  
(MILLS PER KWH IN 1983 DOLLARS)

HOUR ENDING:	— PEAK(1) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
10 A.M.	52.8	79.1	76.5	57.3	26.8	31.0	36.7	33.6	48.5	94.9	102.3	53.5
11	56.0	84.1	82.0	63.3	33.0	36.8	46.8	40.2	62.8	111.9	109.9	55.5
12	52.9	75.0	76.2	60.6	34.2	41.3	56.7	44.7	70.6	106.7	106.5	54.1
1 P.M.	49.0	67.6	68.2	55.1	32.7	46.7	65.0	50.1	73.3	92.7	97.4	49.0
2	51.4	70.2	71.9	58.4	39.8	57.2	81.0	67.5	87.6	107.1	104.2	51.7
3	47.9	62.7	64.8	54.4	38.6	53.7	96.0	76.8	90.8	97.4	97.0	48.1
4	45.4	55.8	56.4	51.8	31.9	46.4	89.7	80.8	81.2	83.6	94.4	45.3
5	51.4	54.4	52.8	44.7	29.1	40.1	71.1	60.4	72.0	71.5	109.9	60.2
6	65.7	67.3	52.2	41.1	22.6	34.1	56.9	45.7	58.8	67.5	125.9	72.4
7	62.6	78.5	59.0	42.3	18.4	29.7	44.4	38.3	45.0	80.7	116.0	64.8
8	54.9	70.9	63.8	47.4	16.9	25.5	37.8	33.4	51.6	87.0	105.8	57.8
9	47.3	58.9	56.9	47.7	21.3	26.7	36.1	36.8	50.4	73.1	94.7	51.4
10	36.5	51.1	47.5	37.8	20.3	25.3	33.7	30.8	45.6	66.7	77.5	43.0

HOUR ENDING:	— OFF-PEAK(2) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1 A.M.	13.9	30.4	27.6	17.5	7.3	8.5	12.3	9.4	19.2	23.9	35.4	18.7
2	11.6	25.6	23.0	14.7	6.9	7.5	9.5	8.1	15.0	19.1	30.3	15.2
3	10.5	23.0	21.2	13.2	6.7	7.1	8.4	7.5	12.8	17.8	27.7	13.5
4	10.0	21.8	19.9	12.4	6.7	6.9	7.9	7.2	11.0	16.9	25.9	12.6
5	10.1	22.3	20.4	12.7	6.7	6.9	7.6	7.0	11.0	17.2	26.1	13.0
6	11.7	26.9	24.2	14.6	6.8	7.0	7.7	7.3	13.2	19.5	30.9	16.6
7	17.1	34.8	31.8	20.2	7.5	7.7	9.4	8.2	20.0	30.1	41.0	23.7
8	25.3	40.9	38.5	26.7	12.6	12.0	16.3	14.9	30.0	42.2	50.8	29.5
9	35.9	52.5	51.0	40.1	18.3	19.5	27.4	22.3	32.7	58.4	75.1	39.6
10	19.6	31.8	30.4	23.6	11.3	12.3	14.3	13.3	18.5	30.3	42.3	23.4
11	21.0	34.1	32.9	25.4	12.4	14.1	17.7	17.6	21.9	34.6	45.9	26.4
12	21.1	35.2	32.9	25.8	12.9	15.6	21.1	20.4	23.4	34.9	46.6	26.4
1 P.M.	21.2	34.8	32.1	26.5	13.1	16.9	22.6	20.4	23.9	33.6	45.4	26.1
2	20.4	33.9	31.6	26.0	12.6	18.1	23.7	23.0	24.1	32.3	44.7	25.4
3	18.7	31.7	29.6	24.2	12.4	18.3	23.4	23.1	23.5	29.8	42.3	24.1
4	18.3	30.5	28.6	23.6	10.6	18.1	23.7	22.4	23.3	29.1	42.4	25.3
5	22.1	33.8	29.1	24.1	10.4	18.9	23.9	22.6	23.1	30.4	49.5	30.9
6	30.9	39.3	31.9	24.7	10.1	17.3	22.8	22.0	22.8	30.9	58.5	34.6
7	31.6	42.8	34.9	26.0	10.1	14.1	20.6	19.2	22.9	37.1	57.1	33.9
8	28.9	43.1	37.9	28.4	10.3	13.4	19.6	18.3	25.3	39.6	54.6	33.5
9	26.8	41.2	37.2	29.6	12.1	14.8	19.8	21.6	26.4	36.3	51.3	31.8
10	24.8	38.4	35.8	28.6	11.4	15.1	21.6	20.9	24.4	33.8	45.4	29.0
11	26.0	40.2	42.0	29.0	13.6	17.1	28.2	22.9	34.6	44.6	57.2	33.2
12	18.5	36.1	34.5	25.2	9.2	11.1	18.2	14.6	25.9	32.2	43.6	25.9

NOTE:(1) PEAK HOURS MONDAY THROUGH FRIDAY ONLY

(2) OFF-PEAK HOURS MONDAY THROUGH FRIDAY PLUS ALL SATURDAY &amp; SUNDAY HOURS



## COMMONWEALTH EDISON COMPANY

ESTIMATED AVERAGE PEAK & OFF-PEAK PERIOD SHORT RUN MARGINAL  
ENERGY COSTS FOR EACH HOUR OF THE DAY: 1995 ONLY  
(MILLS PER KWH IN 1983 DOLLARS)

HOUR ENDING:	— PEAK(1) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
10 A.M.	68.1	103.3	106.1	93.2	35.7	32.6	39.3	35.2	49.4	91.8	61.8	46.0
11	72.7	108.8	112.1	104.4	43.9	39.1	50.8	43.0	65.0	109.5	66.5	47.8
12	67.8	97.9	105.8	99.1	45.9	44.3	62.1	48.5	73.3	104.0	64.1	46.5
1 P.M.	62.1	88.6	95.6	88.5	44.0	50.5	71.5	55.2	76.0	89.6	58.7	42.3
2	65.7	92.3	100.3	95.0	55.3	62.0	87.8	76.2	90.6	104.4	62.7	44.6
3	60.6	81.9	90.8	87.3	53.6	58.6	102.4	86.9	93.3	94.5	58.8	41.3
4	56.8	71.0	77.4	81.7	43.4	50.2	96.7	88.6	84.0	80.4	57.4	38.8
5	65.6	68.9	70.9	66.4	39.9	42.8	78.2	67.4	74.3	68.5	67.6	51.5
6	87.3	88.4	69.5	59.4	31.4	36.0	62.3	49.8	60.6	64.7	83.5	61.2
7	82.6	102.7	81.6	61.7	26.6	31.2	48.0	40.7	45.6	77.4	71.7	55.1
8	70.9	93.4	88.8	72.5	24.9	26.8	40.5	35.0	52.8	83.8	63.7	49.5
9	59.3	76.0	78.1	73.3	30.1	28.1	38.6	38.9	51.4	70.1	57.4	44.5
10	46.0	63.1	60.0	53.7	29.2	26.7	35.9	31.9	46.3	63.8	50.0	36.6

HOUR ENDING:	— OFF-PEAK(2) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1 A.M.	20.8	34.1	35.4	27.5	8.4	8.7	13.5	9.6	18.6	23.1	25.9	13.1
2	16.6	29.5	31.7	23.8	7.5	7.7	10.2	8.3	14.4	18.4	21.4	11.1
3	14.6	26.8	30.1	21.5	7.2	7.2	8.8	7.7	12.3	17.0	19.2	10.1
4	13.5	25.5	28.9	20.3	7.1	7.0	8.2	7.3	10.6	16.2	17.8	9.6
5	13.7	26.0	29.4	20.7	7.1	6.9	7.9	7.1	10.6	16.5	18.1	9.8
6	16.8	30.5	32.6	23.5	7.2	7.1	8.0	7.4	12.8	18.8	22.2	12.0
7	25.0	38.9	38.8	29.3	8.6	7.8	10.1	8.5	19.5	29.3	30.3	17.3
8	33.3	48.6	47.5	38.1	17.9	12.6	17.7	15.6	29.8	40.7	36.3	23.6
9	45.7	67.3	70.0	61.7	24.9	20.6	29.0	23.1	33.0	55.6	47.0	33.2
10	27.1	36.7	38.9	31.4	13.6	12.9	15.3	14.1	18.6	28.2	28.6	16.6
11	28.9	39.2	41.9	34.0	15.1	14.9	19.0	18.9	22.1	32.3	31.3	19.0
12	29.9	40.3	41.6	34.2	15.6	16.8	22.5	21.7	23.7	32.6	32.1	18.8
1 P.M.	30.4	39.6	40.6	34.3	15.9	18.1	23.9	21.6	24.1	31.4	31.6	17.8
2	29.6	38.6	39.9	33.8	15.5	19.2	25.0	24.4	24.1	30.1	31.1	17.2
3	27.4	36.1	37.3	31.7	15.1	19.4	24.6	24.4	23.6	27.8	29.6	16.6
4	27.1	34.8	35.9	31.0	12.3	19.3	25.2	23.8	23.4	27.1	29.6	17.1
5	31.6	38.3	36.6	31.4	12.0	20.4	25.4	24.1	23.3	28.4	34.8	22.4
6	40.8	44.4	39.6	32.1	11.5	18.4	24.2	23.4	22.9	28.9	40.4	27.1
7	41.4	48.6	43.4	33.4	11.4	15.4	22.1	20.6	23.1	35.1	39.6	26.2
8	38.6	48.9	47.4	36.6	11.9	14.3	21.1	19.6	25.4	37.4	38.3	25.6
9	36.6	46.6	46.3	38.3	14.9	15.9	21.4	23.3	26.6	34.3	36.3	23.3
10	34.8	43.1	44.4	36.4	13.5	16.5	23.1	22.4	24.4	31.9	32.4	19.9
11	35.7	46.1	50.3	39.6	19.4	18.1	30.2	23.9	34.3	43.1	40.2	25.3
12	27.8	40.0	41.2	34.8	12.0	11.6	19.9	15.3	25.3	31.5	32.3	18.4

NOTE: (1) PEAK HOURS MONDAY THROUGH FRIDAY ONLY

(2) OFF-PEAK HOURS MONDAY THROUGH FRIDAY PLUS ALL SATURDAY &amp; SUNDAY HOURS

## COMMONWEALTH EDISON COMPANY

ESTIMATED AVERAGE PEAK & OFF-PEAK PERIOD SHORT RUN MARGINAL  
ENERGY COSTS FOR EACH HOUR OF THE DAY: 1996 ONLY  
(MILLS PER KWH IN 1983 DOLLARS)

HOUR ENDING:	— PEAK(1) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
10 A.M.	52.7	95.1	135.5	123.5	39.2	34.8	41.5	38.0	64.4	131.4	115.3	56.2
11	56.0	102.2	139.5	133.1	49.1	41.9	55.5	47.0	85.5	143.4	122.6	58.7
12	52.7	89.0	135.2	129.1	51.5	48.0	69.0	53.6	95.0	140.1	119.4	57.0
1 P.M.	48.7	78.6	126.9	118.6	49.2	54.9	79.5	61.9	96.6	129.4	110.3	51.2
2	51.1	82.3	131.0	124.9	63.3	67.4	95.7	86.3	110.4	140.1	117.0	54.2
3	47.5	71.4	122.5	117.4	60.9	64.2	109.2	98.1	110.7	133.1	109.6	50.2
4	44.8	61.1	107.8	110.9	48.6	54.9	104.1	97.2	103.6	120.6	107.0	47.1
5	51.1	59.1	99.3	90.7	44.8	46.2	86.9	75.6	93.5	105.1	122.0	64.4
6	66.5	78.0	97.1	79.6	35.3	38.3	69.2	55.2	78.5	99.3	135.6	78.5
7	63.1	94.6	112.4	83.3	31.1	33.3	52.1	44.3	58.6	117.2	128.0	69.6
8	54.8	83.6	120.0	99.1	29.6	29.0	42.9	37.7	69.0	123.9	118.6	61.4
9	46.7	65.7	108.4	99.9	34.2	30.2	40.6	42.2	66.9	107.5	106.9	53.5
10	36.5	54.4	82.3	69.8	34.7	28.8	37.2	34.6	58.1	95.1	86.7	44.1

HOUR ENDING:	— OFF-PEAK(2) PERIOD HOURS —											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1 A.M.	15.5	26.8	40.6	35.5	11.1	9.4	15.0	10.4	25.7	33.7	37.7	15.8
2	12.7	22.5	35.7	32.0	9.4	8.2	11.2	8.7	21.0	28.8	32.7	12.9
3	11.4	20.5	33.6	29.6	8.7	7.6	9.6	8.0	18.0	27.1	30.1	11.6
4	10.7	19.6	32.1	28.4	8.5	7.3	8.7	7.5	15.3	25.9	28.1	10.9
5	10.8	19.9	32.7	28.8	8.5	7.2	8.4	7.3	15.2	26.4	28.4	11.1
6	12.8	23.7	36.8	31.5	8.7	7.4	8.5	7.7	18.5	29.1	33.3	14.2
7	18.9	32.1	46.5	37.0	11.2	8.2	11.0	8.9	25.8	38.5	43.3	21.2
8	26.3	41.5	61.9	47.0	23.6	13.6	19.5	17.1	35.1	58.0	55.5	29.0
9	36.0	58.3	94.5	83.5	28.9	22.2	31.2	24.9	42.0	84.4	83.9	39.9
10	20.4	29.9	46.8	37.9	19.4	13.9	16.4	15.2	23.6	38.5	45.1	21.1
11	21.9	31.7	50.8	41.6	21.3	15.9	20.2	20.1	28.1	44.9	49.2	24.4
12	22.4	32.4	49.9	41.8	22.1	17.6	23.7	23.0	30.1	44.6	50.0	24.1
1 P.M.	22.3	32.1	48.6	41.8	21.9	19.0	25.1	23.3	30.6	42.1	48.9	23.2
2	21.6	31.3	47.6	41.0	21.6	20.1	26.4	25.9	30.6	40.1	47.9	22.4
3	20.1	29.6	44.3	37.8	21.1	20.3	25.9	26.1	29.9	36.7	45.0	21.1
4	19.6	28.5	42.6	36.6	17.9	20.1	26.3	25.4	29.6	35.9	45.0	21.9
5	22.9	31.1	43.3	37.3	17.4	20.9	26.6	25.8	29.6	37.1	53.3	29.3
6	31.2	35.9	47.1	38.2	16.6	19.4	25.4	25.2	29.1	37.8	64.1	34.4
7	31.9	38.9	51.9	40.3	16.5	15.6	23.2	22.3	29.4	46.2	62.4	33.4
8	29.3	39.3	57.4	45.4	16.6	15.1	22.1	21.3	31.8	50.1	59.6	32.9
9	27.2	37.4	55.9	48.3	20.5	16.3	22.3	24.9	32.9	45.0	55.4	30.4
10	25.3	35.1	53.0	45.1	18.8	16.8	24.3	24.2	30.8	41.1	48.6	26.4
11	27.7	39.1	65.0	48.2	25.4	19.6	32.5	26.1	40.5	58.3	60.8	31.1
12	20.9	32.8	49.7	42.4	16.8	12.5	22.0	16.9	32.1	41.3	45.9	22.8

NOTE: (1) PEAK HOURS MONDAY THROUGH FRIDAY ONLY

(2) OFF-PEAK HOURS MONDAY THROUGH FRIDAY PLUS ALL SATURDAY &amp; SUNDAY HOURS