

Ordinance No. 120667

Council Bill No. 113986

AN ORDINANCE relating to the City Light Department; providing for an interruptible rate option in the high demand general service rate class; and amending Seattle Municipal Code

The City of Seattle Council Bill/Ordinance

12/6/01
12-10-01 Passed
(Exec)

CF No. _____

Date Introduced:	<u>DEC 3 2001</u>	
Date 1st Referred:	<u>DEC 3 2001</u>	To: (committee) <u>Energy & Environmental Policy Committee</u>
Date Re- Referred:		To: (committee)
Date Re - Referred:		To: (committee)
Date of Final Passage:		Full Council Vote:
Date Presented to Mayor:		Date Approved: <u>12/13/01</u>
Date Returned to City Clerk:	<u>12/13/01</u>	Date Published: <u>10/9/01</u> T.O. _____ F.T. <input checked="" type="checkbox"/>
Date Vetoed by Mayor:		Date Veto Published:
Date Passed Over Veto:		Veto Sustained:

This file is complete and ready

Law Department

Law Dept. Review

The City of Seattle - Legislative Department

Council Bill/Ordinance sponsored by: _____

Councilmember

WILLS

WILLS

Rush!

Committee Action:

12/10/01

5-0

EW, JC, RC

PROPOSED

OFFICE OF THE CITY CLERK
12/10/01 10:00 AM

12-10-01 ^(E) Passed As Amended 7-0
(Excused: Licata, Arastio)

This file is complete and ready for presentation to Full Council.

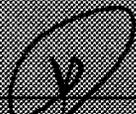
Committee: _____

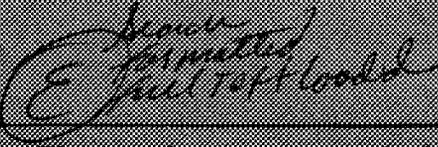
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Law Department

Law Dept. Review

OMP
Review


City Clerk
Review


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ORDINANCE 120667

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2
3 AN ORDINANCE relating to the City Light Department; providing for an interruptible rate option in
4 the high demand general service rate class; and amending Seattle Municipal Code Section
5 21.49.058.

6 WHEREAS, high demand general service customers have significant electric loads that, if subject to
7 interruption, could provide significant flexibility to the City Light Department; and

8 WHEREAS, certain high demand general service customers may be willing to enter into contracts
9 providing the City Light Department with such an interruptible option, if those customers are
10 provided a high degree of rate certainty over a defined period; and

11 WHEREAS, the City Light Department may subsequently be able to enter into further interruptible
12 options with such high demand general service customers that benefit the Department; Now
13 Therefore,

14 BE IT ORDAINED BY THE CITY OF SEATTLE AS FOLLOWS:

15 Section 1. Seattle Municipal Code Section 21.49.058 is amended to read as follows:

16 **21.49.058 High demand general service (Schedules HDC, HDI and VRC).**

17 A. High demand general service is standard general service provided to customers who have in
18 the previous calendar year half or more than half of their normal billings at ten thousand (10,000) kW of
19 maximum demand or greater. Classification of new customers will be based on the Department's
20 estimates of maximum demand in the current year.

21 **Schedule HDC (High Demand General Service)**

22 Schedule HDC is for high demand general service provided to customers who have not signed an
23 agreement to be served under Schedule HDI or VRC.

24 ~~((RATES EFFECTIVE MARCH 1, 2001:~~

~~Energy Charges:~~



1 ~~Peak: Energy used between six (6:00) a.m. and ten (10:00) p.m., Monday through~~
2 ~~Saturday, excluding major holidays,* at 4.70¢ per kWh~~

3 ~~Off-peak: Energy used at all times other than the peak period at 3.94¢ per kWh~~

4 Demand Charges:

5 ~~Peak: All kW of maximum demand between six (6:00) a.m. and ten (10:00) p.m.,~~
6 ~~Monday through Saturday, excluding major holidays,* at \$0.40 per kW~~

7 ~~Off-peak: All kW of maximum demand in excess of peak maximum demand, at all times~~
8 ~~other than the peak period, at \$0.17 per kW~~

9 Minimum Charge:

10 \$122.00 per meter per day

11 RATES EFFECTIVE JULY 1, 2001:

12 Energy Charges:

13 ~~Peak: Energy used between six (6:00) a.m. and ten (10:00) p.m., Monday through~~
14 ~~Saturday, excluding major holidays,* at 5.19¢ per kWh~~

15 ~~Off-peak: Energy used at all times other than the peak period at 4.43¢ per kWh~~

16 Demand Charges:

17 ~~Peak: All kW of maximum demand between six (6:00) a.m. and ten (10:00) p.m.,~~
18 ~~Monday through Saturday, excluding major holidays,* at \$0.40 per kW~~

19 ~~Off-peak: All kW of maximum demand in excess of peak maximum demand, at all times~~
20 ~~other than the peak period, at \$0.17 per kW~~

21 Minimum Charge:

22 \$122.00 per meter per day))

23 RATES EFFECTIVE OCTOBER 1, 2001:

24 Energy Charges:

Peak: Energy used between six (6:00) a.m. and ten (10:00) p.m., Monday through
Saturday, excluding major holidays,* at 5.24¢ per kWh

Off-peak: Energy used at all times other than the peak period at 4.48¢ per kWh

Demand Charges:

Peak: All kW of maximum demand between six (6:00) a.m. and ten (10:00) p.m.,
Monday through Saturday, excluding major holidays,* at \$0.40 per kW



1 Off-peak: All kW of maximum demand in excess of peak maximum demand, at all times
2 other than the peak period, at \$0.17 per kW

3 Minimum Charge:

\$122.00 per meter per day

4 * Major holidays excluded from the peak period are New Year's Day, Memorial Day, Independence
5 Day, Labor Day, Thanksgiving Day, and Christmas Day.

6 Discounts:

Transformer losses in kWh -
 $1756 + .53285 \times \text{kW} + .00002 \times \text{kW}^2 + .00527 \times \text{kWh}$

Transformer investment -
\$0.17 per kW of monthly maximum demand

9 **Schedule HDI (High Demand General Service Interruptible)**

10 Schedule HDI is available to customers that agree to enter into a contract acceptable to the
11 Department providing for interruptible service. Such interruptible customers will be furnished service
12 under the following conditions and rates:

- 13 1. **Conditions** The Department may interrupt power deliveries to the customer when power
14 supply conditions in the Pacific Northwest wholesale power market offer opportunities for both
15 the customer and the Department to realize gain from interrupting power that the customer
16 would otherwise have consumed. A "trigger price" for wholesale power shall be established
17 defining the price that triggers the Department's option to interrupt. Net revenues above the
18 defined trigger price received by means of such interruption shall be shared equally between the
19 Department and the customer. The trigger price for calendar years 2002 and 2003 is established
20 at \$55 per megawatt hour. The Department is authorized to establish a new trigger price for
21 each subsequent two-year period by written notification to those customers that have entered
22 into an interruptible contract. For those customers that enter into such an interruptible contract,
23



1 the provisions of Section 21.49.058(E) shall not apply, but the provisions of Sections
2 21.49.110(U) and 21.49.110(V) shall continue to apply.

3 2. Rates For those high demand customers entering into an interruptible contract under this
4 subsection, the following rates shall apply:

5 a. January 1, 2002 through December 31, 2003

6 Energy Charges:

7 Peak: Energy used between six (6:00) a.m. and ten (10:00) p.m., Monday through
8 Saturday, excluding major holidays,* at 4.00¢ per kWh

8 Off-peak: Energy used at all times other than the peak period at 3.56¢ per kWh

9 Bonneville Rate pass-through: Both the Peak and Off-peak energy rates contain a 0.6¢ per
10 kWh component reflecting the Bonneville rate surcharge.
11 This component will be automatically increased or
12 decreased during the two-year rate period to reflect any
13 change in the Bonneville surcharge.

12 Demand Charges:

13 Peak: All kW of maximum demand between six (6:00) a.m. and ten (10:00) p.m.,
14 Monday through Saturday, excluding major holidays,* at \$0.40 per kW

14 Off-peak: All kW of maximum demand in excess of peak maximum demand, at all times
15 other than the peak period, at \$0.17 per kW

15 Minimum Charge:

16 \$122.00 per meter per day

17 * Major holidays excluded from the peak period are New Year's Day, Memorial Day, Independence
18 Day, Labor Day, Thanksgiving Day, and Christmas Day.

18 Discounts:

19 Transformer losses in kWh -
20 $1756 + .53285 \times \text{kW} + .00002 \times \text{kW}^2 + .00527 \times \text{kWh}$

21 Transformer investment -
22 \$0.17 per kW of monthly maximum demand



1
2 **b. January 1, 2004**

3 Commencing January 1, 2004, the energy rate for such interruptible customers shall be standard
4 high demand general service energy and demand charges for both Peak and Off-peak hours plus
5 an additional "extraordinary power cost adjustment" in the amount of 0.725¢ per kWh in each
6 period applied to all kWh consumed by the customer after December 31, 2003, until the
7 customer has consumed a total of five times that customer's actual kWh consumption in
8 calendar year 2000 (or such other calendar year from 1997 through 2001 that the Department
9 determines to be representative of that customer's annual consumption), at which point the
10 extraordinary power cost adjustment shall no longer be charged.

11 **3. Additional Interruptible Options** In addition to the conditions and rates set out above, the
12 Department is delegated the authority to enter into additional contract terms and payment
13 provisions for a schedule HDI customer that provide further interruptible options and/or power
14 scheduling improvements that benefit the Department.

15
16 **Schedule VRC (Variable Rate General Service)**

17 Schedule VRC is an optional rate schedule for high demand general service provided to
18 customers eligible to be served under Schedule HDC. A customer that chooses this rate schedule may
19 not return to a standard rate schedule for a period of one (1) year after electing this schedule, provided
20 that, should a new rate ordinance which changes Schedule VRC be adopted during this time, the
21 customer may request return to a standard rate schedule upon the effective date of the new ordinance.

22 At the time a customer elects to take service under Schedule VRC, the customer must choose
23 whether to pay an energy charge as defined in Option 1 - DJ-COB or Option 2 - DJ Mid-Columbia.
24



1 After choosing an energy charge option, a customer may not choose a different energy charge option for
2 a period of one (1) year except that, should a new rate ordinance which changes Schedule VRC be
3 adopted during this time, the customer may request a change in energy charge option upon the effective
4 date of the new ordinance or may request return to a standard rate schedule upon the effective date of the
5 new ordinance.

6 RATES EFFECTIVE MARCH 1, 2001:

7 Energy Charge:

8 Option 1 – DJ-COB

9 $(\text{DJ-COB price in } \text{¢/kWh} - 0.07\text{¢/kWh}) \times 1.1562 + 0.15\text{¢/kWh}$

10 The DJ-COB (Dow Jones-California Oregon Border) price is the appropriate peak or off-peak
11 DJ-COB firm price converted to cents per kWh for the day and time period of the consumption.
12 Peak and off-peak periods will be as defined by the DJ-COB price rather than as defined in the
13 Demand Charges section of Schedule VRC or elsewhere in the ordinance codified in this section.
14 In the case that a price is not available for a given day, the average of the preceding and
15 following days' prices will be used. Peak and off-peak prices will be calculated separately via
16 this method.

17 Option 2 - DJ Mid-Columbia

18 $\text{DJ Mid-Columbia Price in } \text{¢/kWh} \times 1.1562 + 0.15\text{¢/kWh}$

19 The DJ Mid-Columbia (Dow Jones Mid-Columbia) price is the appropriate firm peak or off-peak
20 DJ Mid-Columbia price index converted to cents per kWh for the day and time period of the
21 consumption. Peak and off-peak periods will be as defined by the DJ Mid-Columbia price index
22 rather than as defined in the Demand Charges section of Schedule VRC or elsewhere in this
23 section. In the case that a price is not available for a given day, the average of the preceding and
24



1 following days' prices will be used. Peak and off-peak prices will be calculated separately via
2 this method.

3 Retail Services Charge:
4 1.41¢/kWh

5 Demand Charges:

6 Peak: All kW of maximum demand between six (6:00) a.m. and ten (10:00) p.m.,
7 Monday through Saturday, excluding major holidays,* at \$0.40 per kW

8 Off-peak: All kW of maximum demand in excess of peak period maximum demand, at all
9 times other than the peak period, at \$0.17 per kW

10 Minimum Charge:
11 \$122.00 per meter per day

12 RATES EFFECTIVE OCTOBER 1, 2001:

13 Energy Charge:

14 Option 1 – DJ-COB

15 $(\text{DJ-COB price in } \text{¢/kWh} - 0.07\text{¢/kWh}) \times 1.1562 + 0.15\text{¢/kWh}$

16 The DJ-COB (Dow Jones-California Oregon Border) price is the appropriate peak or off-peak
17 DJ-COB firm price converted to cents per kWh for the day and time period of the consumption.
18 Peak and off-peak periods will be as defined by the DJ-COB price rather than as defined in the
19 Demand Charges section of Schedule VRC or elsewhere in the ordinance codified in this section.
20 In the case that a price is not available for a given day, the average of the preceding and
21 following days' prices will be used. Peak and off-peak prices will be calculated separately via
22 this method.

23 Option 2 - DJ Mid-Columbia

24 $\text{DJ Mid-Columbia Price in } \text{¢/kWh} \times 1.1562 + 0.15\text{¢/kWh}$

The DJ Mid-Columbia (Dow Jones Mid-Columbia) price is the appropriate firm peak or off-peak
DJ Mid-Columbia price index converted to cents per kWh for the day and time period of the



1 consumption. Peak and off-peak periods will be as defined by the DJ Mid-Columbia price index
2 rather than as defined in the Demand Charges section of Schedule VRC or elsewhere in this
3 section. In the case that a price is not available for a given day, the average of the preceding and
4 following days' prices will be used. Peak and off-peak prices will be calculated separately via
5 this method.

6 Retail Services Charge:
1.46¢/kWh

7 Demand Charges:

8 Peak: All kW of maximum demand between six (6:00) a.m. and ten (10:00) p.m.,
Monday through Saturday, excluding major holidays,* at \$0.40 per kW

9 Off-peak: All kW of maximum demand in excess of peak period maximum demand, at all
10 times other than the peak period, at \$0.17 per kW

11 Minimum Charge:
\$122.00 per meter per day

12 * Major holidays excluded from the peak period are New Year's Day, Memorial Day, Independence
13 Day, Labor Day, Thanksgiving Day, and Christmas Day.

14 Discounts:

15 Transformer losses in kWh -
 $1756 + .53285 \times \text{kW} + .00002 \times \text{kW}^2 + .00527 \times \text{kWh}$

16 Transformer investment -
\$0.17 per kW of monthly maximum demand

17 B. For customers metered on the primary side of a transformer, the Department will either program the
18 meter to deduct computed transformer losses or provide a discount for transformer losses by reducing the
19 monthly kWh billed by the number of kWh computed in Section 21.49.058 A.

20
21 C. For customers who provide their own transformation from the Department's standard distribution
22 system voltage of four (4) kV, thirteen (13) kV, or twenty-six (26) kV to a utilization voltage, a discount for
23 transformer investment will be provided in the amount stated in Section 21.49.058 A. Existing customers
24



1 served by the Department's 34.5 kV system as of January 1, 1995 shall be considered as receiving standard
2 distribution voltage for the purpose of this section. This 34.5 kV voltage will not be offered as a standard
3 distribution system voltage for any new customers.

4
5 D. Customers must provide hourly load schedules each day for the following day. If a customer's load
6 follows a regular pattern, the Department may, at its discretion, waive this requirement and request only to
7 be informed of temporary or permanent changes to the pattern.

8
9 E. The Department may request voluntary load interruption during an emergency. If interruption occurs,
10 the demand charge will be waived for the billing period in which the interruption occurs.

11
12 F. Customers who request service under Schedule VRC will be selected solely at the option of Seattle
13 City Light.

14
15 G. Customers served under Schedule VRC shall provide Seattle City Light with access to their telephone
16 equipment and pay any initial and ongoing charges for additional telephone equipment needed for the
17 Department to communicate with its metering equipment.

18
19 Section 2. This ordinance shall take effect and be in force thirty (30) days from and after its
20 approval by the Mayor, but if not approved and returned by the Mayor within ten (10) days after
21 presentation, it shall take effect as provided by Municipal Code Section 1.04.020.
22
23
24



1 Passed by the City Council the 10th day of December, 2001, and signed by me in open
2 session in authentication of its passage this 10th day of December, 2001.

3
4 Marybeth Owens
President _____ of the City Council

5 Approved by me this 13th day of DECEMBER, 2001.

6
7 Paul Sillit
Mayor _____

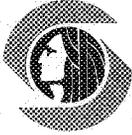
8
9 Filed by me this 13th day of December, 2001.

10
11 Judith Ed Ruppini
City Clerk _____

12 (Seal)

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City of Seattle

Paul Schell, Mayor

Seattle City Light

Gary Zarker, Superintendent

November 27, 2001

The Honorable Margaret Pageler, President
Seattle City Council
600 Fourth Avenue
11th Floor, Municipal Building
Seattle, WA 98104-1873

via: Joan Walters, Budget Director
Office of Management and Planning

Dear Councilmember Pageler:

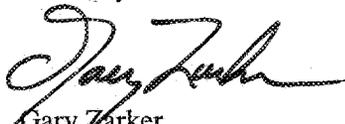
AN ORINANCE relating to the City Light Department; providing for an interruptible rate option in the high demand general service rate class; and amending Seattle Municipal Code Section 21.49.058.

The attached legislation would authorize Seattle City Light to negotiate interruptible power sales contracts with its high demand general service customers.

We have found that some customers may be willing to enter into contracts which provide Seattle City Light the option of interrupting their service, in exchange for a higher degree of rate certainty over a defined period. In turn, Seattle City Light receives the flexibility to more efficiently manage load for the benefit of the Department. This would be another tool for us to use in working directly with our customers to develop tailored solutions for the increasingly complex economic issues we face.

I look forward to discussing this request with you soon.

Sincerely,



Gary Zarker
Superintendent

Gz:gz

cc: with enclosure
Mayor Paul Schell



ORDINANCE _____

1
2
3 AN ORDINANCE relating to the City Light Department; providing for an interruptible rate option in
4 the high demand general service rate class; and amending Seattle Municipal Code Section
5 21.49.058.

6 WHEREAS, high demand general service customers have significant electric loads that, if subject to
7 interruption, could provide significant flexibility to the City Light Department; and

8 WHEREAS, certain high demand general service customers may be willing to enter into contracts
9 providing the City Light Department with such an interruptible option, if those customers are
10 provided a high degree of rate certainty over a defined period; and

11 WHEREAS, the City Light Department may subsequently be able to enter into further interruptible
12 options with such high demand general service customers that benefit the Department; Now
13 Therefore,

14 BE IT ORDAINED BY THE CITY OF SEATTLE AS FOLLOWS:

15 Section 1. Seattle Municipal Code Section 21.49.058 is amended to read as follows:

16 **21.49.058 High demand general service (Schedules HDC, HDI and VRC).**

17 A. High demand general service is standard general service provided to customers who have in
18 the previous calendar year half or more than half of their normal billings at ten thousand (10,000) kW of
19 maximum demand or greater. Classification of new customers will be based on the Department's
20 estimates of maximum demand in the current year.

21 **Schedule HDC (High Demand General Service)**

22 Schedule HDC is for high demand general service provided to customers who have not signed an
23 agreement to be served under Schedule HDI or VRC.

24 ~~((RATES EFFECTIVE MARCH 1, 2001:~~

~~Energy Charges:~~



1 ~~Peak: Energy used between six (6:00) a.m. and ten (10:00) p.m., Monday through~~
2 ~~Saturday, excluding major holidays,* at 4.70¢ per kWh~~

3 ~~Off peak: Energy used at all times other than the peak period at 3.94¢ per kWh~~

4 ~~Demand Charges:~~

5 ~~Peak: All kW of maximum demand between six (6:00) a.m. and ten (10:00) p.m.,~~
6 ~~Monday through Saturday, excluding major holidays,* at \$0.40 per kW~~

7 ~~Off peak: All kW of maximum demand in excess of peak maximum demand, at all times~~
8 ~~other than the peak period, at \$0.17 per kW~~

9 ~~Minimum Charge:~~

10 ~~\$122.00 per meter per day~~

11 RATES EFFECTIVE JULY 1, 2001:

12 ~~Energy Charges:~~

13 ~~Peak: Energy used between six (6:00) a.m. and ten (10:00) p.m., Monday through~~
14 ~~Saturday, excluding major holidays,* at 5.19¢ per kWh~~

15 ~~Off peak: Energy used at all times other than the peak period at 4.43¢ per kWh~~

16 ~~Demand Charges:~~

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20 ~~other than the peak period, at \$0.17 per kW~~

21 ~~Minimum Charge:~~

22 ~~\$122.00 per meter per day))~~

23 RATES EFFECTIVE OCTOBER 1, 2001:

24 ~~Energy Charges:~~

25 ~~Peak: Energy used between six (6:00) a.m. and ten (10:00) p.m., Monday through~~
26 ~~Saturday, excluding major holidays,* at 5.24¢ per kWh~~

27 ~~Off-peak: Energy used at all times other than the peak period at 4.48¢ per kWh~~

28 ~~Demand Charges:~~

29 ~~Peak: All kW of maximum demand between six (6:00) a.m. and ten (10:00) p.m.,~~
30 ~~Monday through Saturday, excluding major holidays,* at \$0.40 per kW~~



1 Off-peak: All kW of maximum demand in excess of peak maximum demand, at all times
2 other than the peak period, at \$0.17 per kW

3 Minimum Charge:

\$122.00 per meter per day

4 * Major holidays excluded from the peak period are New Year's Day, Memorial Day, Independence
5 Day, Labor Day, Thanksgiving Day, and Christmas Day.

6 Discounts:

Transformer losses in kWh -
 $1756 + .53285 \times \text{kW} + .00002 \times \text{kW}^2 + .00527 \times \text{kWh}$

7 Transformer investment -
8 \$0.17 per kW of monthly maximum demand

9 **Schedule HDI (High Demand General Service Interruptible)**

10 Schedule HDI is available to customers that agree to enter into a contract acceptable to the
11 Department providing for interruptible service . Such interruptible customers will be furnished service
12 under the following conditions and rates:

- 13 1. **Conditions** The Department may interrupt power deliveries to the customer when power
14 supply conditions in the Pacific Northwest wholesale power market offer opportunities for both
15 the customer and the Department to realize gain from interrupting power that the customer
16 would otherwise have consumed. A "trigger price" for wholesale power shall be established
17 defining the price that triggers the Department's option to interrupt. Net revenues above the
18 defined trigger price received by means of such interruption shall be shared equally between the
19 Department and the customer. The trigger price for calendar years 2002 and 2003 is established
20 at \$55 per megawatt hour. The Department is authorized to establish a new trigger price for
21 each subsequent two-year period by written notification to those customers that have entered
22 into an interruptible contract. For those customers that enter into such an interruptible contract,
23

1 the provisions of Section 21.49.058(E) shall not apply, but the provisions of Sections
2 21.49.110(U) and 21.49.110(V) shall continue to apply.

3 2. Rates For those high demand customers entering into an interruptible contract under this
4 subsection, the following rates shall apply:

5 a. January 1, 2002 through December 31, 2003

6 Energy Charges:

7 Peak: Energy used between six (6:00) a.m. and ten (10:00) p.m., Monday through
Saturday, excluding major holidays,* at 4.00¢ per kWh

8 Off-peak: Energy used at all times other than the peak period at 3.56¢ per kWh

9 Bonneville Rate pass-through: Both the Peak and Off-peak energy rates contain a 0.6¢ per
10 kWh component reflecting the Bonneville rate surcharge.
11 This component will be automatically increased or
decreased during the two-year rate period to reflect any
change in the Bonneville surcharge.

12 Demand Charges:

13 Peak: All kW of maximum demand between six (6:00) a.m. and ten (10:00) p.m.,
Monday through Saturday, excluding major holidays,* at \$0.40 per kW

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other than the peak period, at \$0.17 per kW

15 Minimum Charge:

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17 * Major holidays excluded from the peak period are New Year's Day, Memorial Day, Independence
Day, Labor Day, Thanksgiving Day, and Christmas Day.

18 Discounts:

19 Transformer losses in kWh -
 $1756 + .53285 \times kW + .00002 \times kW^2 + .00527 \times kWh$

20 Transformer investment -
21 \$0.17 per kW of monthly maximum demand



1 **b. January 1, 2004**

2 Commencing January 1, 2004, the energy rate for such interruptible customers shall be standard
3 high demand general service energy and demand charges for both Peak and Off-peak hours plus
4 an additional "extraordinary power cost adjustment" in the amount of 0.725¢ per kWh in each
5 period applied to all kWh consumed by the customer after December 31, 2003, until the
6 customer has consumed a total of five times that customer's actual kWh consumption in
7 calendar year 2000, at which point the extraordinary power cost adjustment shall no longer be
8 charged.

9
10
11 **3. Additional Interruptible Options** In addition to the conditions and rates set out above, the
12 Department is delegated the authority to enter into additional contract terms and payment
13 provisions for a schedule HDI customer that provide further interruptible options and/or power
14 scheduling improvements that benefit the Department.

15 **Schedule VRC (Variable Rate General Service)**

16 Schedule VRC is an optional rate schedule for high demand general service provided to
17 customers eligible to be served under Schedule HDC. A customer that chooses this rate schedule may
18 not return to a standard rate schedule for a period of one (1) year after electing this schedule, provided
19 that, should a new rate ordinance which changes Schedule VRC be adopted during this time, the
20 customer may request return to a standard rate schedule upon the effective date of the new ordinance.

21 At the time a customer elects to take service under Schedule VRC, the customer must choose
22 whether to pay an energy charge as defined in Option 1 - DJ-COB or Option 2 - DJ Mid-Columbia.
23 After choosing an energy charge option, a customer may not choose a different energy charge option for
24



1 a period of one (1) year except that, should a new rate ordinance which changes Schedule VRC be
2 adopted during this time, the customer may request a change in energy charge option upon the effective
3 date of the new ordinance or may request return to a standard rate schedule upon the effective date of the
4 new ordinance.

5 RATES EFFECTIVE MARCH 1, 2001:

6 Energy Charge:

7 Option 1 – DJ-COB

8 $(\text{DJ-COB price in } \text{¢/kWh} - 0.07\text{¢/kWh}) \times 1.1562 + 0.15\text{¢/kWh}$

9 The DJ-COB (Dow Jones-California Oregon Border) price is the appropriate peak or off-peak
10 DJ-COB firm price converted to cents per kWh for the day and time period of the consumption.
11 Peak and off-peak periods will be as defined by the DJ-COB price rather than as defined in the
12 Demand Charges section of Schedule VRC or elsewhere in the ordinance codified in this section.
13 In the case that a price is not available for a given day, the average of the preceding and
14 following days' prices will be used. Peak and off-peak prices will be calculated separately via
15 this method.

16 Option 2 - DJ Mid-Columbia

17 $\text{DJ Mid-Columbia Price in } \text{¢/kWh} \times 1.1562 + 0.15\text{¢/kWh}$

18 The DJ Mid-Columbia (Dow Jones Mid-Columbia) price is the appropriate firm peak or off-peak
19 DJ Mid-Columbia price index converted to cents per kWh for the day and time period of the
20 consumption. Peak and off-peak periods will be as defined by the DJ Mid-Columbia price index
21 rather than as defined in the Demand Charges section of Schedule VRC or elsewhere in this
22 section. In the case that a price is not available for a given day, the average of the preceding and
23
24



1 following days' prices will be used. Peak and off-peak prices will be calculated separately via
2 this method.

3 Retail Services Charge:
4 1.41¢/kWh

5 Demand Charges:

6 Peak: All kW of maximum demand between six (6:00) a.m. and ten (10:00) p.m.,
7 Monday through Saturday, excluding major holidays,* at \$0.40 per kW

8 Off-peak: All kW of maximum demand in excess of peak period maximum demand, at all
9 times other than the peak period, at \$0.17 per kW

10 Minimum Charge:
11 \$122.00 per meter per day

12 RATES EFFECTIVE OCTOBER 1, 2001:

13 Energy Charge:

14 Option 1 – DJ-COB

15 $(\text{DJ-COB price in } \text{¢/kWh} - 0.07\text{¢/kWh}) \times 1.1562 + 0.15\text{¢/kWh}$

16 The DJ-COB (Dow Jones-California Oregon Border) price is the appropriate peak or off-peak
17 DJ-COB firm price converted to cents per kWh for the day and time period of the consumption.
18 Peak and off-peak periods will be as defined by the DJ-COB price rather than as defined in the
19 Demand Charges section of Schedule VRC or elsewhere in the ordinance codified in this section.
20 In the case that a price is not available for a given day, the average of the preceding and
21 following days' prices will be used. Peak and off-peak prices will be calculated separately via
22 this method.

23 Option 2 - DJ Mid-Columbia

24 $\text{DJ Mid-Columbia Price in } \text{¢/kWh} \times 1.1562 + 0.15\text{¢/kWh}$

The DJ Mid-Columbia (Dow Jones Mid-Columbia) price is the appropriate firm peak or off-peak
DJ Mid-Columbia price index converted to cents per kWh for the day and time period of the



1 consumption. Peak and off-peak periods will be as defined by the DJ Mid-Columbia price index
2 rather than as defined in the Demand Charges section of Schedule VRC or elsewhere in this
3 section. In the case that a price is not available for a given day, the average of the preceding and
4 following days' prices will be used. Peak and off-peak prices will be calculated separately via
5 this method.

6 Retail Services Charge:
1.46¢/kWh

7 Demand Charges:

8 Peak: All kW of maximum demand between six (6:00) a.m. and ten (10:00) p.m.,
Monday through Saturday, excluding major holidays,* at \$0.40 per kW

9 Off-peak: All kW of maximum demand in excess of peak period maximum demand, at all
10 times other than the peak period, at \$0.17 per kW

11 Minimum Charge:
\$122.00 per meter per day

12 * Major holidays excluded from the peak period are New Year's Day, Memorial Day, Independence
13 Day, Labor Day, Thanksgiving Day, and Christmas Day.

14 Discounts:

15 Transformer losses in kWh -
 $1756 + .53285 \times \text{kW} + .00002 \times \text{kW}^2 + .00527 \times \text{kWh}$

16 Transformer investment -
\$0.17 per kW of monthly maximum demand

17 B. For customers metered on the primary side of a transformer, the Department will either program the
18 meter to deduct computed transformer losses or provide a discount for transformer losses by reducing the
19 monthly kWh billed by the number of kWh computed in Section 21.49.058 A.

20
21 C. For customers who provide their own transformation from the Department's standard distribution
22 system voltage of four (4) kV, thirteen (13) kV, or twenty-six (26) kV to a utilization voltage, a discount for
23 transformer investment will be provided in the amount stated in Section 21.49.058 A. Existing customers
24

1 served by the Department's 34.5 kV system as of January 1, 1995 shall be considered as receiving standard
2 distribution voltage for the purpose of this section. This 34.5 kV voltage will not be offered as a standard
3 distribution system voltage for any new customers.

4
5 D. Customers must provide hourly load schedules each day for the following day. If a customer's load
6 follows a regular pattern, the Department may, at its discretion, waive this requirement and request only to
7 be informed of temporary or permanent changes to the pattern.

8
9 E. The Department may request voluntary load interruption during an emergency. If interruption occurs,
10 the demand charge will be waived for the billing period in which the interruption occurs.

11
12 F. Customers who request service under Schedule VRC will be selected solely at the option of Seattle
13 City Light.

14
15 G. Customers served under Schedule VRC shall provide Seattle City Light with access to their telephone
16 equipment and pay any initial and ongoing charges for additional telephone equipment needed for the
17 Department to communicate with its metering equipment.



1 Section 2. This ordinance shall take effect and be in force thirty (30) days from and after its
2 approval by the Mayor, but if not approved and returned by the Mayor within ten (10) days after
3 presentation, it shall take effect as provided by Municipal Code Section 1.04.020.

4 Passed by the City Council the 10th day of December, 2001, and signed by me in open
5 session in authentication of its passage this 10th day of December, 2001.

6
7 _____
President _____ of the City Council

8 Approved by me this _____ day of _____, 2001.

9
10 _____
Mayor

11
12 Filed by me this _____ day of _____, 2001.

13
14 _____
City Clerk

15 (Seal)



STATE OF WASHINGTON – KING COUNTY

--SS.

139519
City of Seattle, Clerk's Office

No. ORDINANCE IN FULL

Affidavit of Publication

The undersigned, on oath states that he is an authorized representative of The Daily Journal of Commerce, a daily newspaper, which newspaper is a legal newspaper of general circulation and it is now and has been for more than six months prior to the date of publication hereinafter referred to, published in the English language continuously as a daily newspaper in Seattle, King County, Washington, and it is now and during all of said time was printed in an office maintained at the aforesaid place of publication of this newspaper. The Daily Journal of Commerce was on the 12th day of June, 1941, approved as a legal newspaper by the Superior Court of King County.

The notice in the exact form annexed, was published in regular issues of The Daily Journal of Commerce, which was regularly distributed to its subscribers during the below stated period. The annexed notice, a

CT:120667 ORD. IN FULL

was published on

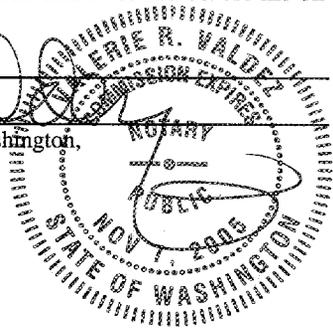
12/21/2001

McClintock

Subscribed and sworn to before me on

12/21/2001

[Signature]
Notary public for the State of Washington,
residing in Seattle



Affidavit of Publication

