

DORSEY, KING, GRAY, NORMENT & HOPGOOD

ATTORNEYS-AT-LAW

318 SECOND STREET

HENDERSON, KENTUCKY 42420

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MAY 10 2013

PUBLIC SERVICE
COMMISSION

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May 9, 2013

FEDERAL EXPRESS

Mr. Jeff Derouen
Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, KY 40601

Re: Kenergy Corp.
Case No. 2013-00035

Dear Mr. Derouen:

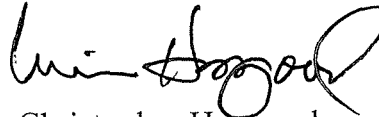
Enclosed for filing please find Kenergy's Responses to Data Request No. 2
(original plus 6 copies) in the above referenced matter.

Your assistance in this matter is appreciated.

Very truly yours,

DORSEY, KING, GRAY, NORMENT & HOPGOOD

By



J. Christopher Hopgood
Attorney for Kenergy Corp.

JCH/cds

Encls.

COPY/w/encls.

Office of Attorney General, Utility and Rate Intervention Division
Steve Thompson, Kenergy Corp.

CASE NO. 2013-00035

VERIFICATION

I verify, state and affirm that the data request responses filed with this verification and for which I am listed as a witness are true and correct to the best of my knowledge, information and belief formed after a reasonable inquiry.

Steve Thompson
Steve Thompson, Vice President - Finance

STATE OF KENTUCKY

COUNTY OF: DAVIESS

The foregoing was signed, acknowledged and sworn to before me by Steve Thompson, this 9th day of May, 2013.

My commission expires October 16, 2016

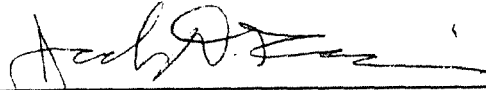
Berita M. Martin - 4744934
Notary Public, State of Kentucky at Large

(seal)

CASE NO. 2013-00035

VERIFICATION

I verify, state and affirm that the testimony filed with this verification and for which I am listed as a witness is true and correct to the best of my knowledge, information and belief formed after a reasonable inquiry.



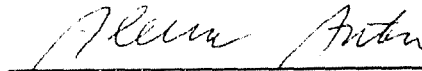
Jack D. Gaines, JDG Consulting, LLC

STATE OF GEORGIA

COUNTY OF: DeKalb

The foregoing was signed, acknowledged and sworn to before me by Jack D. Gaines, this 2nd day of May, 2013.

My commission expires 6/12/15



Notary Public

| |
|---|
| <p>ALENA ANTON NOTARY PUBLIC Fulton County - State of Georgia My Comm. Expires June 12, 2015</p> |
|---|

(seal)

**KENERGY CORP.
RESPONSE TO THE COMMISSION'S
SECOND DATA REQUEST FOR INFORMATION**

CASE NO. 2013-00035

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Item 1) Refer to the RESPONSE TO Item 1.c. of Commission Staff's First Request for Information ("Staff's First Request") wherein it states that the 5200 Lumen-60W-LED NEMA HEAD light was not represented in Case No. 2011-00035 but that Kenergy increased the \$6.84 rate by the average incremental increase to the lighting class in that case.

a) Given that the light was not included in the rate appendix to the January 29, 2013 Order in Case No. 2011-00035, and that the rate appendix stated that "all other rates and charges not specifically mentioned herein shall remain the same as those in effect under authority of the Commission prior to the effective date of this Order," explain why Kenergy increased the rate from \$6.84 to \$6.88.

b) Confirm that there are no customers being billed for the 5200 Lumen-60W-LED NEMA HEAD light.

Response a) Upon review, Kenergy is currently applying the \$6.84 rate and, because it was not included in the January 28 Case No. 2011-00035 Order, it should not have been adjusted to \$6.88 as reflected in the original filing. It has been changed to \$6.84 on the "Revised Response to Staff Data Request 1 – Item 2" provided herewith.

Response b) There were none during the test year. Beginning April, 2013, 64 lights have been billed at the \$6.84 rate.

Witness) Jack Gaines

**KENERGY CORP.
RESPONSE TO THE COMMISSION'S
SECOND DATA REQUEST FOR INFORMATION**

CASE NO. 2013-00035

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Item 2) Refer to the response to Item 2 of Staff's First Request. The response did not include updated proposed rates for the Small Power Production or Cogeneration (over 100 KW) tariff or for the residential customer deposit. Provide the revised proposed rates.

Response) The residential customer deposit would decrease \$1 to \$261. The proposed rates for Small Power Production or Cogeneration (over 100 KW) tariff would decrease from \$3.955 to \$3.931, and from \$16.95 to \$16.848.

Witness) Steve Thompson

KENERGY CORP.
RESPONSE TO THE COMMISSION'S
SECOND DATA REQUEST FOR INFORMATION

CASE NO. 2013-00035

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Item 3) Refer to the response to Item 2 of Staff's First Request, revised Exhibit JDG-4, page 1.

a) The Residential energy charge is shown on this page as \$.093285 but is shown as being rounded to \$.09329 in revised Exhibit JDG-2, page 1, also attached to this response. State which is the proposed rate.

b) Refer to the "Three-Phase Under 1,000 KW" section.
(1) Explain why the billing units in column B multiplied by the "Proposed Rate" in column G do not equal the "Proposed Revenue" in column H for the "Demand Charge," "Primary Discount," and "PF Penalty" rows.

(2) Explain the purpose of including amounts in the Normalized and Proposed Revenue columns for the row "Adjustment for Book Diff."

Response a) \$.093285 is the proposed rate as adjusted for the response to Item 2 of Staff's First Request.

Response b) (1) In Excel on Exhibit JDG-2, the proposed Three-Phase Under 1,000 KW demand charge and power factor penalty mathematical values were rounded to three decimal places although the format only shows two. The "Revised Response to Staff Data Request 1 – Item 2" (Item 3, pages 3 – 18 of 18) has the rounding corrected to two decimal places and the revenues recalculated accordingly.

(2) The adjustment corrects revenue calculation for the difference between the billed revenue per books and the amount calculated by applying the rates to sales data. It is in

**KENERGY CORP.
RESPONSE TO THE COMMISSION'S
SECOND DATA REQUEST FOR INFORMATION**

CASE NO. 2013-00035

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effect, a correction factor that is carried through to each column to maintain the relationship between booked revenues and the calculated revenues.

Witness) Jack Gaines

Kenergy Corp.
Determination of Flow Through Multiplier
To Pass Through the BREC Wholesale Rate Increase Filed in Case No.

Based on 12 Month Test Year Ending November 30, 2012

| | <u>Item</u> a | <u>Adjusted</u> <u>Units</u> b | <u>Present</u> <u>Rate</u> c | <u>Present</u> <u>Amount</u> d | <u>Proposed</u> <u>Rate</u> e | <u>Proposed</u> <u>Amount</u> f | <u>Difference</u> g |
|----|--|--------------------------------------|------------------------------------|--------------------------------------|-------------------------------------|---------------------------------------|------------------------|
| 1 | Demand - Present | 2,623,395 kW | \$ 9.697 | \$ 25,439,061 | \$ 16.848 | \$ 44,198,959 | \$ 18,759,898 |
| 2 | | | | | | | |
| 3 | Energy | 1,195,193,072 kWh | \$ 0.029736 | \$ 35,540,261 | \$ 0.030000 | \$ 35,855,792 | \$ 315,531 |
| 4 | Total | | | \$ 60,979,323 | | \$ 80,054,751 | \$ 19,075,429 |
| 5 | Less: Own Use <1> | | | | | | \$ (39,406) |
| 6 | Pass Through Amount | | | | | | \$ 19,036,023 |
| 7 | Test Year Sales Base Rate Sales Revenue Including Unbilled | | | | | | \$ 96,416,374 |
| 8 | Flow Through Multiplier (1 + (Ln. 11 ÷ Ln. 14)) | | | | | | 1.197436 |
| 9 | EMF of MRSM | 1,195,193,072 kWh | | | \$ (0.004212) | \$ (5,034,153) | |
| 10 | kWh Sales | | | | | 1,143,004,840 | |
| 11 | Retail EMF Factor | | | | | (0.0044043) | |

| | |
|----------------------------|-----------------|
| <1> Increase In Power Cost | \$ 19,075,429 |
| kWh - Sold | ÷ 1,143,004,840 |
| Unit Cost (\$/kWh Sold) | \$ 0.016689 |
| Own Use kWh | x 2,361,220 |
| Allocated to Own Use | \$ 39,406 |

KENERGY

PROPOSED CHANGES TO NON-DIRECT SERVED TARIFF RATES

| | <u>Rate Tariff</u> | <u>Present</u> | <u>Multiplier</u> | <u>Proposed</u> |
|----|--|----------------|-------------------|---------------------|
| | a | <u>Rates</u> | c | <u>Rates</u> |
| | | b | | d |
| 1 | Schedule 1 - Residential | | | |
| 2 | | | | |
| 3 | Customer Charge per month | \$ 12.00 | 1.197436 | \$ 14.37 per month |
| 4 | Energy Charge per kWh | \$ 0.077904 | 1.197436 | \$ 0.093285 per kWh |
| 5 | | | | |
| 6 | | | | |
| 7 | Schedule 3 - Non-residential Single Phase | | | |
| 8 | | | | |
| 9 | Customer Charge per month | \$ 17.00 | 1.197436 | \$ 20.36 per month |
| 10 | Energy Charge per kWh | \$ 0.076587 | 1.197436 | \$ 0.09171 per kWh |
| 11 | | | | |
| 12 | | | | |
| 13 | Schedule 5 - Three Phase (0 - 1,000 kW) | | | |
| 14 | | | | |
| 15 | Customer Charge per month | \$ 35.00 | 1.197436 | \$ 41.91 per month |
| 16 | All KW During Month | \$ 4.44 | 1.197436 | \$ 5.32 per kW |
| 17 | Primary Discount | \$ (0.50) | 1.197436 | \$ (0.60) per kW |
| 18 | Energy Charges per kWh: | | | |
| 19 | First 200 kWh per kW | \$ 0.067279 | 1.197436 | \$ 0.08056 per kWh |
| 20 | Next 200 kWh per kW | \$ 0.051605 | 1.197436 | \$ 0.06179 per kWh |
| 21 | Over 400 kWh per kW | \$ 0.045679 | 1.197436 | \$ 0.05470 per kWh |
| 22 | | | | |
| 23 | | | | |
| 24 | Schedule 7 - Three Phase (Over 1,000 kW) | | | |
| 25 | | | | |
| 26 | Customer Charge per month | \$ 750.00 | 1.197436 | \$ 898.08 per month |
| 27 | High Load Factor: | | | |
| 28 | All KW During Month | \$ 9.38 | 1.197436 | \$ 11.23 per kW |
| 29 | Energy Charges per kWh: | | | |
| 30 | First 200 kWh per kW | \$ 0.040129 | 1.197436 | \$ 0.04805 per kWh |
| 31 | Next 200 kWh per kW | \$ 0.036866 | 1.197436 | \$ 0.04414 per kWh |
| 32 | Over 400 kWh per kW | \$ 0.034895 | 1.197436 | \$ 0.04178 per kWh |
| 33 | | | | |
| 34 | Low Load Factor: | | | |
| 35 | All KW During Month | \$ 5.28 | 1.197436 | \$ 6.32 per kW |
| 36 | Energy Charges per kWh: | | | |
| 37 | First 150 kWh per kW | \$ 0.055613 | 1.197436 | \$ 0.06659 per kWh |
| 38 | Over 150 kWh per kW | \$ 0.048702 | 1.197436 | \$ 0.05832 per kWh |
| 39 | | | | |
| 40 | Primary Discount | \$ (0.50) | 1.197436 | \$ (0.60) per kW |
| 41 | | | | |

KENERGY

PROPOSED CHANGES TO NON-DIRECT SERVED TARIFF RATES

| | <u>Rate Tariff</u> | <u>Present</u> | <u>Multiplier</u> | <u>Proposed</u> | |
|----|---|----------------|-------------------|-----------------|-----------|
| | a | <u>Rates</u> | c | <u>Rates</u> | d |
| | | b | | | |
| 42 | Schedules 15 & 16 - Unmetered Lights | | | | |
| 43 | | | | | |
| 44 | Private Outdoor Lighting | | | | |
| 45 | Tariff sheet 15 | | | | |
| 46 | Standard(served overhead) | | | | |
| 47 | 7000 LUMEN-175W-MERCURY VAPOR | \$ 8.50 | 1.197436 | \$ 10.18 | per month |
| 48 | 12000 LUMEN-250W-MERCURY VAPOR | \$ 10.18 | 1.197436 | \$ 12.19 | per month |
| 49 | 20000 LUMEN-400W-MERCURY VAPOR | \$ 12.45 | 1.197436 | \$ 14.91 | per month |
| 50 | 9500 LUMEN-100W-HPS | \$ 8.01 | 1.197436 | \$ 9.59 | per month |
| 51 | 9000 LUMEN-100W METAL HALIDE | \$ 7.55 | 1.197436 | \$ 9.04 | per month |
| 52 | 24000 LUMEN-400W METAL HALIDE | \$ 16.20 | 1.197436 | \$ 19.40 | per month |
| 53 | 5200 LUMEN 60W NEMA HEAD | \$ 6.84 | 1.197436 | \$ 8.19 | per month |
| 54 | 20000/27000 LUMEN 200/250W HPS | \$ 11.89 | 1.197436 | \$ 14.24 | per month |
| 55 | 66000 LUMEN 400W HPS FLOOD | \$ 13.98 | 1.197436 | \$ 16.74 | per month |
| 56 | Tariff sheet 15A | | | | |
| 57 | Commercial and Industrial Lighting | | | | |
| 58 | Flood Lighting Fixture | | | | |
| 59 | 28000 LUMEN HPS-250W-FLOOD LGT | \$ 10.81 | 1.197436 | \$ 12.94 | per month |
| 60 | 61000 LUMEN-400W-HPS-FLOOD LGT | \$ 13.99 | 1.197436 | \$ 16.75 | per month |
| 61 | 140000 LUM-1000W-HPS-FLOOD LGT | \$ 32.25 | 1.197436 | \$ 38.62 | per month |
| 62 | 19500 LUMEN-250W-MH-FLOOD LGT | \$ 10.35 | 1.197436 | \$ 12.39 | per month |
| 63 | 32000 LUMEN-400W-MH-FLOOD LGT | \$ 13.93 | 1.197436 | \$ 16.68 | per month |
| 64 | 107000 LUM-1000W-MH-FLOOD LGT | \$ 32.20 | 1.197436 | \$ 38.56 | per month |
| 65 | Contemporary(Shoebox) | | | | |
| 66 | 28000 LUMEN-250W-HPS SHOEBOX | \$ 12.23 | 1.197436 | \$ 14.64 | per month |
| 67 | 61000 LUMEN-400W-HPS SHOEBOX | \$ 15.48 | 1.197436 | \$ 18.54 | per month |
| 68 | 140000 LUMENS-1000 HPS SHOEBOX | \$ 32.25 | 1.197436 | \$ 38.62 | per month |
| 69 | 19500 LUMEN-250W-MH SHOEBOX | \$ 11.76 | 1.197436 | \$ 14.08 | per month |
| 70 | 32000 LUMENS-400W-MH SHOEBOX | \$ 15.18 | 1.197436 | \$ 18.18 | per month |
| 71 | 107000 LUMENS-1000W-MH SHOEBOX | \$ 32.20 | 1.197436 | \$ 38.56 | per month |
| 72 | Decorative Lighting | | | | |
| 73 | 9000 LUMEN MH ACORN GLOBE | \$ 10.97 | 1.197436 | \$ 13.14 | per month |
| 74 | 16600 LUM-175W-MH ACORN GLOBE | \$ 13.51 | 1.197436 | \$ 16.18 | per month |
| 75 | 9000 LUM-175W-MH ROUND GLOBE | \$ 10.76 | 1.197436 | \$ 12.88 | per month |
| 76 | 16600 LUM-175W-MH ROUND GLOBE | \$ 12.54 | 1.197436 | \$ 15.02 | per month |
| 77 | 16600 LUM-175W-MH LANTERN GLOBE | \$ 12.67 | 1.197436 | \$ 15.17 | per month |
| 78 | 28000 LUM - HPS ACORN GLOBE | \$ 12.37 | 1.197436 | \$ 14.81 | per month |

KENERGY

PROPOSED CHANGES TO NON-DIRECT SERVED TARIFF RATES

| | <u>Rate Tariff</u> | <u>Present</u> | <u>Multiplier</u> | <u>Proposed</u> | |
|-----|--|----------------|-------------------|-----------------|-----------|
| | a | b | c | d | |
| 79 | Tariff sheet 15B | | | | |
| 80 | Pedestal Mounted Pole | | | | |
| 81 | STEEL 25 FT PEDESTAL MT POLE | \$ 6.94 | 1.197436 | \$ 8.31 | per month |
| 82 | STEEL 30 FT PEDESTAL MT POLE | \$ 7.81 | 1.197436 | \$ 9.35 | per month |
| 83 | STEEL 39 FT PEDESTAL MT POLE | \$ 13.13 | 1.197436 | \$ 15.72 | per month |
| 84 | WOOD 30 FT DIRECT BURIAL POLE | \$ 4.35 | 1.197436 | \$ 5.21 | per month |
| 85 | ALUMINUM 28 FT DIRECT BURIAL | \$ 8.94 | 1.197436 | \$ 10.71 | per month |
| 86 | FLUTED FIBERGLASS 15 FT POLE | \$ 9.55 | 1.197436 | \$ 11.44 | per month |
| 87 | FLUTED ALUMINUM 14FT POLE | \$ 10.49 | 1.197436 | \$ 12.56 | per month |
| 88 | Street Lighting Service | | | | |
| 89 | Tariff sheet 16 | | | | |
| 90 | 7000 LUMEN-175W-MERCURY VAPOR | \$ 8.50 | 1.197436 | \$ 10.18 | per month |
| 91 | 20000 LUMEN-400W-MERCURY VAPOR | \$ 12.45 | 1.197436 | \$ 14.91 | per month |
| 92 | 9500 LUMEN-100W-HPS STREET LGT | \$ 8.01 | 1.197436 | \$ 9.59 | per month |
| 93 | 27000 LUMEN-250W-HPS ST LIGHT | \$ 11.89 | 1.197436 | \$ 14.24 | per month |
| 94 | 9000 LUMEN-100W METAL HA | \$ 7.55 | 1.197436 | \$ 9.04 | per month |
| 95 | 24000 LUMEN-400W METAL H | \$ 15.98 | 1.197436 | \$ 19.14 | per month |
| 96 | Tariff sheet 16A | | | | |
| 97 | Underground service with non-std. pole | | | | |
| 98 | UG NON-STD POLE-GOVT & DISTRICT | \$ 5.59 | 1.197436 | \$ 6.69 | per month |
| 99 | Overhead service to street lighting districts | | | | |
| 100 | OH FAC-STREET LIGHT DISTRICT | \$ 2.33 | 1.197436 | \$ 2.79 | per month |
| 101 | Decorative Underground service | | | | |
| 102 | 6300 LUMEN-DECOR-70W-HPS ACORN | \$ 11.04 | 1.197436 | \$ 13.22 | per month |
| 103 | 6300 LUM DECOR-70W-HPS LANTERN | \$ 11.04 | 1.197436 | \$ 13.22 | per month |
| 104 | 12600 LUM HPS-70W-2 DECOR FIX | \$ 19.56 | 1.197436 | \$ 23.42 | per month |
| 105 | 28000 LUM - HPS ACORN GL 14 FT POLE | \$ 21.16 | 1.197436 | \$ 25.34 | per month |
| 106 | Special street lighting districts | | | | |
| 107 | BASKETT STREET LIGHTING | \$ 2.94 | 1.197436 | \$ 3.52 | per month |
| 108 | MEADOW HILL STREET LIGHTING | \$ 2.68 | 1.197436 | \$ 3.21 | per month |
| 109 | SPOTTSVILLE STREET LIGHTING | \$ 3.32 | 1.197436 | \$ 3.98 | per month |

KENERGY
PROPOSED CHANGES TO DIRECT SERVED TARIFF RATES

| | <u>Rate Tariff</u> a | <u>Present Rates</u> b | <u>Wholesale Increase</u> c | <u>Proposed Rates</u> d |
|---|-------------------------|---------------------------|--------------------------------|----------------------------|
| Schedule 33 - Class A | | | | |
| 1 | Energy Charge per kWh | \$ 0.039480 | \$ 0.008050 | \$ 0.047530 per kWh |
| Schedules 34 & 34A - Class B | | | | |
| 2 | All KW During Month | \$ 10.50 | 1.83 | \$ 12.33 per kW |
| 3 | Energy Charge per kWh | \$ 0.024674 | \$ 0.005492 | \$ 0.030166 per kWh |
| Schedule 35 - Class C | | | | |
| 4 | All KW During Month | \$ 10.50 | 1.83 | \$ 12.33 per kW |
| 5 | Energy Charge per kWh | \$ 0.027508 | \$ 0.005492 | \$ 0.033000 per kWh |

KENERGY
SUMMARY OF REVENUE - TEST YEAR ENDING NOVEMBER 2012

| Ln. No. | RATE CLASS (a) | AVG. NO. CUSTOMERS (b) | KWH BILLED (c) | Test Year Rev. Present Rates (d) | Normalized Present Rates (e) | Proposed Revenue (f) | Revenue Change (g) | Percent Change (h) | Rev. / Con Present Rates (i) | Proposed Increase per Con (j) | Percent Change (k) |
|---------|---|------------------------|----------------|----------------------------------|------------------------------|----------------------|--------------------|--------------------|------------------------------|-------------------------------|--------------------|
| 1 | Schedule 1 - Residential | 45,048 | 716,174,081 | \$ 61,968,178 | \$ 62,279,714 | \$ 74,576,348 | \$ 12,296,634 | 19.7% | \$ 115.21 | \$ 22.75 | 19.7% |
| 2 | Base rate | | | \$ 1,670,975 | \$ 1,670,975 | \$ 1,670,975 | \$ - | 0.0% | \$ 3.09 | \$ - | 0.0% |
| 3 | FAC | | | \$ 1,656,185 | \$ 1,656,185 | \$ 1,656,185 | \$ - | 0.0% | \$ (5.58) | \$ - | 0.0% |
| 4 | ES | | | \$ (3,015,845) | \$ (3,015,845) | \$ (3,015,845) | \$ - | 0.0% | \$ (6.41) | \$ - | 0.0% |
| 5 | US | | | \$ (4,565,880) | \$ (3,465,571) | \$ (3,465,571) | \$ - | 0.0% | \$ (1.46) | \$ - | 0.0% |
| 6 | MRSM | | | \$ (790,542) | \$ (790,542) | \$ (790,542) | \$ - | 0.0% | \$ - | \$ - | 0.0% |
| 7 | Non-FAC PPA | | | \$ - | \$ - | \$ - | \$ - | 21.1% | \$ 107.91 | \$ 22.75 | 21.1% |
| 8 | Subtotal | | | \$ 56,923,072 | \$ 58,334,916 | \$ 70,631,550 | \$ 12,296,634 | | | | |
| 9 | | | | | | | | | | | |
| 10 | Schedule 3 - Non-residential Single Phase | 8,981 | 113,867,926 | \$ 10,504,436 | \$ 10,552,944 | \$ 12,637,086 | \$ 2,084,142 | 19.7% | \$ 97.92 | \$ 19.34 | 19.7% |
| 11 | Base rate | | | \$ 278,287 | \$ 278,287 | \$ 278,287 | \$ - | 0.0% | \$ 2.58 | \$ - | 0.0% |
| 12 | FAC | | | \$ 264,268 | \$ 264,268 | \$ 264,268 | \$ - | 0.0% | \$ 2.45 | \$ - | 0.0% |
| 13 | ES | | | \$ (485,206) | \$ (485,206) | \$ (485,206) | \$ - | 0.0% | \$ (4.50) | \$ - | 0.0% |
| 14 | US | | | \$ (732,974) | \$ (558,860) | \$ (558,860) | \$ - | 0.0% | \$ (5.19) | \$ - | 0.0% |
| 15 | MRSM | | | \$ (128,311) | \$ (128,311) | \$ (128,311) | \$ - | 0.0% | \$ (1.19) | \$ - | 0.0% |
| 16 | Non-FAC PPA | | | \$ - | \$ - | \$ - | \$ - | 21.0% | \$ 92.07 | \$ 19.34 | 21.0% |
| 17 | Subtotal | | | \$ 9,700,501 | \$ 9,923,123 | \$ 12,007,265 | \$ 2,084,142 | | | | |
| 18 | | | | | | | | | | | |
| 19 | Schedule 5 - Three Phase (0 - 1,000 kW) | 1,015 | 195,948,846 | \$ 15,245,859 | \$ 15,333,598 | \$ 18,362,811 | \$ 3,029,213 | 19.8% | \$ 1,258.61 | \$ 248.64 | 19.8% |
| 20 | Base rate | | | \$ 481,201 | \$ 481,201 | \$ 481,201 | \$ - | 0.0% | \$ 39.50 | \$ - | 0.0% |
| 21 | FAC | | | \$ 455,464 | \$ 455,464 | \$ 455,464 | \$ - | 0.0% | \$ 37.39 | \$ - | 0.0% |
| 22 | ES | | | \$ (837,203) | \$ (837,203) | \$ (837,203) | \$ - | 0.0% | \$ (68.72) | \$ - | 0.0% |
| 23 | US | | | \$ (1,267,640) | \$ (962,483) | \$ (962,483) | \$ - | 0.0% | \$ (79.00) | \$ - | 0.0% |
| 24 | MRSM | | | \$ (212,887) | \$ (212,887) | \$ (212,887) | \$ - | 0.0% | \$ (17.47) | \$ - | 0.0% |
| 25 | Non-FAC PPA | | | \$ - | \$ - | \$ - | \$ - | 21.2% | \$ 1,170.29 | \$ 248.64 | 21.2% |
| 26 | Subtotal | | | \$ 13,864,794 | \$ 14,257,690 | \$ 17,286,904 | \$ 3,029,213 | | | | |
| 27 | | | | | | | | | | | |
| 28 | Schedule 7 - Three Phase (Over 1,000 kW) | 15 | 92,394,888 | \$ 5,717,507 | \$ 5,751,226 | \$ 6,885,823 | \$ 1,134,598 | 19.7% | \$ 31,951.25 | \$ 6,303.32 | 19.7% |
| 29 | Base rate | | | \$ 228,701 | \$ 228,701 | \$ 228,701 | \$ - | 0.0% | \$ 1,270.56 | \$ - | 0.0% |
| 30 | FAC | | | \$ 214,662 | \$ 214,662 | \$ 214,662 | \$ - | 0.0% | \$ 1,192.56 | \$ - | 0.0% |
| 31 | ES | | | \$ (396,291) | \$ (396,291) | \$ (396,291) | \$ - | 0.0% | \$ (2,201.62) | \$ - | 0.0% |
| 32 | US | | | \$ (600,236) | \$ (454,008) | \$ (454,008) | \$ - | 0.0% | \$ (2,522.27) | \$ - | 0.0% |
| 33 | MRSM | | | \$ (100,709) | \$ (100,709) | \$ (100,709) | \$ - | 0.0% | \$ (559.49) | \$ - | 0.0% |
| 34 | Non-FAC PPA | | | \$ - | \$ - | \$ - | \$ - | 21.6% | \$ 29,131.00 | \$ 6,303.32 | 21.6% |
| 35 | Subtotal | | | \$ 5,063,634 | \$ 5,243,580 | \$ 6,378,178 | \$ 1,134,598 | | | | |
| 36 | | | | | | | | | | | |
| 37 | Schedules 15 & 16 - Unmetered Lights | | 13,760,196 | \$ 1,757,217 | \$ 1,766,635 | \$ 2,115,640 | \$ 349,004 | 19.8% | NA | NA | NA |
| 38 | Base rate | | | \$ 33,002 | \$ 33,002 | \$ 33,002 | \$ - | 0.0% | NA | NA | NA |
| 39 | FAC | | | \$ 32,068 | \$ 32,068 | \$ 32,068 | \$ - | 0.0% | NA | NA | NA |
| 40 | ES | | | \$ (58,961) | \$ (58,961) | \$ (58,961) | \$ - | 0.0% | NA | NA | NA |
| 41 | US | | | \$ (89,430) | \$ (66,713) | \$ (66,713) | \$ - | 0.0% | NA | NA | NA |
| 42 | MRSM | | | \$ (15,150) | \$ (15,150) | \$ (15,150) | \$ - | 0.0% | NA | NA | NA |
| 43 | Non-FAC PPA | | | \$ - | \$ - | \$ - | \$ - | 20.6% | | | |
| 44 | Subtotal | | | \$ 1,658,745 | \$ 1,690,881 | \$ 2,039,885 | \$ 349,004 | | | | |

KENERGY
SUMMARY OF REVENUE - TEST YEAR ENDING NOVEMBER 2012

| Ln. No. | RATE CLASS (a) | AVG. NO. CUSTOMERS (b) | KWH BILLED (c) | Test Year Rev. Present Rates (d) | Normalized Present Rates (e) | Proposed Revenue (f) | Revenue Change (g) | Percent Change (h) | Rev. / Con Present Rates (i) | Proposed Increase per Con (j) | Percent Change (k) |
|---------|---|------------------------|----------------|----------------------------------|------------------------------|----------------------|--------------------|--------------------|------------------------------|-------------------------------|--------------------|
| 45 | | | | | | | | | | | |
| 46 | Total Non direct served - Billings | 55,059 | 1,132,145,937 | \$ 95,193,197 | \$ 95,684,116 | \$ 114,577,708 | \$ 18,893,591 | 19.7% | \$ 144.82 | \$ 28.60 | 19.7% |
| 47 | Base rate | | | \$ 2,692,167 | \$ 2,692,167 | \$ 2,692,167 | \$ - | 0.0% | \$ 4.07 | \$ - | 0.0% |
| 48 | FAC | | | \$ 2,622,647 | \$ 2,622,647 | \$ 2,622,647 | \$ - | 0.0% | \$ 3.97 | \$ - | 0.0% |
| 49 | ES | | | \$ (4,793,506) | \$ (4,793,506) | \$ (4,793,506) | \$ - | 0.0% | \$ (7.26) | \$ - | 0.0% |
| 50 | US | | | \$ (7,256,160) | \$ (5,507,635) | \$ (5,507,635) | \$ - | 0.0% | \$ (8.34) | \$ - | 0.0% |
| 51 | MRSM | | | \$ (1,247,598) | \$ (1,247,598) | \$ (1,247,598) | \$ - | 0.0% | \$ (1.89) | \$ - | 0.0% |
| 52 | Non-FAC PPA | | | \$ 87,210,746 | \$ 89,450,191 | \$ 108,343,782 | \$ 18,893,591 | 21.1% | \$ 135.38 | \$ 28.60 | 21.1% |
| 53 | Subtotal | | | | | | | | | | |
| 54 | | | | | | | | | | | |
| 55 | | | | | | | | | | | |
| 56 | Unbilled Revenue | | 10,858,903 | \$ 707,233 | \$ 710,880 | \$ 851,234 | \$ 140,353 | 19.7% | | | |
| 57 | Base rate | | | \$ 235,335 | \$ (59,792) | \$ (59,792) | \$ - | 0.0% | | | |
| 58 | Unwind Factors | | | \$ 942,568 | \$ 651,088 | \$ 791,441 | \$ 140,353 | 21.6% | | | |
| 59 | Subtotal | | | \$ 21,377 | \$ 21,377 | \$ 25,598 | \$ 4,221 | 19.7% | | | |
| 60 | Miscellaneous Adjustments to Match Booked Revenue | | | \$ (186,472) | \$ - | \$ - | \$ - | NA | | | |
| 61 | Rate Refund | | | | | | | 21.1% | | | |
| 62 | Total Non direct served - Booked | 55,059 | 1,143,004,840 | \$ 87,988,219 | \$ 90,122,656 | \$ 109,160,821 | \$ 19,038,165 | | | | |
| 63 | | | | | | | | | | | |
| 64 | | | | | | | | 16.4% | \$ 12,937,037 | \$ 2,125,107 | 16.4% |
| 65 | Direct served (Class A - Alcan) - Power Cost | 1 | 3,189,235,024 | \$ 155,150,446 | \$ 155,244,440 | \$ 180,745,728 | \$ 25,501,287 | 0.0% | \$ 14,574 | \$ - | 0.0% |
| 66 | Retail Adder | | | \$ 174,884 | \$ 174,884 | \$ 174,884 | \$ - | 16.4% | \$ 12,951,610 | \$ 2,125,107 | 16.4% |
| 67 | Total Class A - Alcan | | | \$ 155,325,330 | \$ 155,419,324 | \$ 180,920,611 | \$ 25,501,287 | | | | |
| 68 | | | | | | | | NA | \$ - | \$ - | NA |
| 69 | Direct served (Class A - Century) - Power Cost | 1 | 4,234,231,838 | \$ 205,193,625 | \$ - | \$ - | \$ - | 0.0% | \$ 18,492 | \$ - | 0.0% |
| 70 | Retail Adder | | | \$ 221,908 | \$ 221,908 | \$ 221,908 | \$ - | 0.0% | \$ 18,492 | \$ - | 0.0% |
| 71 | Total Class A - Century | | | \$ 205,415,533 | \$ 221,908 | \$ 221,908 | \$ - | | | | |
| 72 | | | | | | | | 20.2% | \$ 718,176 | \$ 145,245 | 20.2% |
| 73 | Direct served (Class B) - base rate | 3 | 816,501,145 | \$ 25,852,445 | \$ 25,854,326 | \$ 31,083,147 | \$ 5,228,821 | 0.0% | \$ 165,822 | \$ - | 0.0% |
| 74 | Other charges and credits | | | \$ 5,969,601 | \$ 5,969,601 | \$ 5,969,601 | \$ - | 0.0% | \$ (92,842) | \$ - | 0.0% |
| 75 | Riders | | | \$ (4,067,183) | \$ (3,342,329) | \$ (3,342,329) | \$ - | 18.4% | \$ 791,156 | \$ 145,245 | 18.4% |
| 76 | Total Class B | | | \$ 27,754,863 | \$ 28,481,598 | \$ 33,710,419 | \$ 5,228,821 | | | | |
| 77 | | | | | | | | 18.4% | \$ 83,130 | \$ 15,273 | 18.4% |
| 78 | Class C - base rate | 17 | 327,954,821 | \$ 16,957,468 | \$ 16,958,451 | \$ 20,074,173 | \$ 3,115,721 | 0.0% | \$ (8,567) | \$ - | 0.0% |
| 79 | Riders | | | \$ (2,133,295) | \$ (1,747,713) | \$ (1,747,713) | \$ - | 20.5% | \$ 74,562 | \$ 15,273 | 20.5% |
| 80 | Total Class C | | | \$ 14,824,173 | \$ 15,210,738 | \$ 18,326,460 | \$ 3,115,721 | | | | |
| 81 | | | | | | | | 17.0% | | | |
| 82 | Total direct serves | 22 | 8,567,922,828 | \$ 403,319,899 | \$ 199,333,569 | \$ 233,179,399 | \$ 33,845,829 | | | | |
| 83 | | | | | | | | | | | |
| 84 | | | | | | | | 18.3% | | | |
| 85 | Total System Sales Revenues | 55,081 | 9,710,927,668 | \$ 491,308,118 | \$ 289,456,225 | \$ 342,340,220 | \$ 52,883,995 | | | | |

KENERGY
CONSUMPTION ANALYSIS DATA AND REVENUE PROOF
TEST YEAR ENDING NOVEMBER 30, 2012

| <u>Description</u> a | <u>Units</u> b | <u>Test Year Rates</u> c | <u>Test Year Revenue</u> d | <u>Present Rates</u> e | <u>Normalized Present Revenue</u> f | <u>Proposed Rate</u> g | <u>Proposed Revenue</u> h |
|-------------------------------------|-------------------|---------------------------------|-----------------------------------|-------------------------------|--|-------------------------------|----------------------------------|
| Residential | | | | | | | |
| 1 Customer Charge | 540,574 | \$ 12.00 | \$ 6,486,888 | \$ 12.00 | \$ 6,486,888 | \$ 14.37 | \$ 7,768,048 |
| 2 Energy Charge | 716,174,081 | \$ 0.077469 | \$ 55,481,290 | \$ 0.077904 | \$ 55,792,826 | \$ 0.093285 | \$ 66,808,299 |
| 3 Subtotal | | | \$ 61,968,178 | | \$ 62,279,714 | | \$ 74,576,348 |
| Non-Residential Single Phase | | | | | | | |
| 1 Customer Charge | 107,773 | \$ 17.00 | \$ 1,832,141 | \$ 17.00 | \$ 1,832,141 | \$ 20.36 | \$ 2,194,258 |
| 2 Energy Charge | 113,867,926 | \$ 0.076161 | \$ 8,672,295 | \$ 0.076587 | \$ 8,720,803 | \$ 0.09171 | \$ 10,442,827 |
| 3 Subtotal | | | \$ 10,504,436 | | \$ 10,552,944 | | \$ 12,637,086 |
| Three Phase Under 1,000 kW | | | | | | | |
| 1 Customer Charge | 12,183 | \$ 35.00 | \$ 426,405 | \$ 35.00 | \$ 426,405 | \$ 41.91 | \$ 510,590 |
| 2 Demand Charge | 674,474.55 | \$ 4.41 | \$ 2,974,433 | \$ 4.44 | \$ 2,994,667 | \$ 5.32 | \$ 3,588,205 |
| 3 Primary Discount | 36,671 | \$ (0.50) | \$ (18,336) | \$ (0.50) | \$ (18,336) | \$ (0.60) | \$ (22,003) |
| 4 PF Penalty | 11,806 | \$ 4.41 | \$ 52,064 | \$ 4.44 | \$ 52,419 | \$ 5.32 | \$ 62,808 |
| 5 Subtotal Demand Charges | | | \$ 3,008,162 | | \$ 3,028,750 | | \$ 3,629,010 |
| 6 Energy Charge: | | | | | | | |
| 7 First 200 kWh per kW | 118,749,184 | \$ 0.066898 | \$ 7,944,083 | \$ 0.067279 | \$ 7,989,326 | \$ 0.08056 | \$ 9,566,434 |
| 8 Next 200 kWh per kW | 61,709,993 | \$ 0.051315 | \$ 3,166,648 | \$ 0.051605 | \$ 3,184,544 | \$ 0.06179 | \$ 3,813,060 |
| 9 Over 400 kWh per kW | 15,689,144 | \$ 0.045419 | \$ 712,585 | \$ 0.045679 | \$ 716,664 | \$ 0.05470 | \$ 858,196 |
| 10 Adjustment for book diff. | (199,475) | \$ 0.060277 | \$ (12,024) | \$ 0.060620 | \$ (12,092) | \$ 0.07259 | \$ (14,479) |
| 11 Subtotal Energy Charges | 195,948,846 | | \$ 11,811,293 | | \$ 11,878,443 | | \$ 14,223,212 |
| | | | \$ 15,245,859 | | \$ 15,333,598 | | \$ 18,362,811 |

KENERGY
 CONSUMPTION ANALYSIS DATA AND REVENUE PROOF
 TEST YEAR ENDING NOVEMBER 30, 2012

| Description a | Units b | Test Year Rates c | Test Year Revenue d | Present Rates e | Normalized Present Revenue f | Proposed Rate g | Proposed Revenue h |
|----------------------------------|------------|-------------------------|---------------------------|-----------------------|---------------------------------------|-----------------------|--------------------------|
| Three Phase Over 1,000 kW | | | | | | | |
| 1 Customer Charge | 180 | \$ 750.00 | \$ 135,000 | \$ 750.00 | \$ 135,000 | \$ 898.08 | \$ 161,654 |
| High Load Factor: | | | | | | | |
| 2 Demand Charge | 200,193.09 | \$ 9.32 | \$ 1,865,800 | \$ 9.38 | \$ 1,877,811 | \$ 11.23 | \$ 2,248,168 |
| 3 Energy Charge: | | | | | | | |
| 3 First 200 kWh per kW | 40,038,617 | \$ 0.039901 | \$ 1,597,581 | \$ 0.040129 | \$ 1,606,710 | \$ 0.04805 | \$ 1,923,856 |
| 4 Next 200 kWh per kW | 36,246,825 | \$ 0.036653 | \$ 1,328,555 | \$ 0.036866 | \$ 1,336,275 | \$ 0.04414 | \$ 1,599,935 |
| 5 Over 400 kWh per kW | 11,763,046 | \$ 0.034694 | \$ 408,107 | \$ 0.034895 | \$ 410,471 | \$ 0.04178 | \$ 491,460 |
| 6 Subtotal Energy Charges | 88,048,488 | | \$ 3,334,243 | | \$ 3,353,457 | | \$ 4,015,250 |
| Low Load Factor: | | | | | | | |
| 7 Demand Charge | 25,179.60 | \$ 5.25 | \$ 132,193 | \$ 5.28 | \$ 132,948 | \$ 6.32 | \$ 159,135 |
| Energy Charge: | | | | | | | |
| 8 First 150 kWh per kW | 3,710,190 | \$ 0.055298 | \$ 205,166 | \$ 0.055613 | \$ 206,335 | \$ 0.06659 | \$ 247,062 |
| 9 Over 150 kWh per kW | 636,210 | \$ 0.048423 | \$ 30,807 | \$ 0.048702 | \$ 30,985 | \$ 0.05832 | \$ 37,104 |
| 10 Subtotal Energy Charges | 4,346,400 | | \$ 235,973 | | \$ 237,319 | | \$ 284,165 |
| 11 Primary Discount | 96,460.00 | \$ (0.50) | \$ (48,230) | \$ (0.50) | \$ (48,230) | \$ (0.60) | \$ (57,876) |
| 12 PF Penalty - High LF | 5,118.92 | \$ 9.32 | \$ 47,708 | \$ 9.38 | \$ 48,015 | \$ 11.23 | \$ 57,485 |
| 13 PF Penalty - Low LF | 2,822.84 | \$ 5.25 | \$ 14,820 | \$ 5.28 | \$ 14,905 | \$ 6.32 | \$ 17,840 |
| 14 | | | \$ 5,717,507 | | \$ 5,751,226 | | \$ 6,885,823 |

KENERGY
CONSUMPTION ANALYSIS DATA AND REVENUE PROOF
TEST YEAR ENDING NOVEMBER 30, 2012

| <u>Description</u> | <u>Units</u> | <u>Test Year Rates</u> | <u>Test Year Revenue</u> | <u>Present Rates</u> | <u>Normalized Present Revenue</u> | <u>Proposed Rate</u> | <u>Proposed Revenue</u> | |
|-------------------------------------|---|------------------------|--------------------------|----------------------|-----------------------------------|----------------------|-------------------------|--------------|
| a | b | c | d | e | f | g | h | |
| Private and Outdoor Lighting | | | | | | | | |
| 1 | Private Outdoor Lighting | | | | | | | |
| 2 | Tariff sheet 15 | | | | | | | |
| 3 | Standard(served overhead) | | | | | | | |
| 4 | 7000 LUMEN-175W-MERCURY VAPOR | 122,665 | \$ 8.46 | \$ 1,037,746 | \$ 8.50 | \$ 1,042,653 | \$ 10.18 | \$ 1,248,730 |
| 5 | 12000 LUMEN-250W-MERCURY VAPOR | 2,199 | \$ 10.12 | \$ 22,254 | \$ 10.18 | \$ 22,386 | \$ 12.19 | \$ 26,806 |
| 6 | 20000 LUMEN-400W-MERCURY VAPOR | 6,161 | \$ 12.34 | \$ 76,027 | \$ 12.45 | \$ 76,704 | \$ 14.91 | \$ 91,861 |
| 7 | 9500 LUMEN-100W-HPS | 3,915 | \$ 7.97 | \$ 31,203 | \$ 8.01 | \$ 31,359 | \$ 9.59 | \$ 37,545 |
| 8 | 9000 LUMEN-100W METAL HALIDE | 16,952 | \$ 7.50 | \$ 127,140 | \$ 7.55 | \$ 127,988 | \$ 9.04 | \$ 153,246 |
| 9 | 24000 LUMEN-400W METAL HALIDE | 800 | \$ 16.11 | \$ 12,888 | \$ 16.20 | \$ 12,960 | \$ 19.40 | \$ 15,520 |
| 10 | 5200 LUMEN 60W NEMA HEAD | - | \$ 6.84 | \$ - | \$ 6.84 | \$ - | \$ 8.19 | \$ - |
| 11 | 20000/27000 LUMEN 200/250W HPS | 2,144 | \$ 11.82 | \$ 25,342 | \$ 11.89 | \$ 25,492 | \$ 14.24 | \$ 30,531 |
| 12 | 66000 LUMEN 400W HPS FLOOD | 648 | \$ 13.90 | \$ 9,007 | \$ 13.98 | \$ 9,059 | \$ 16.74 | \$ 10,848 |
| 13 | Tariff sheet 15A | | | | | | | |
| 14 | Commercial and Industrial Lighting | | | | | | | |
| 15 | Flood Lighting Fixture | | | | | | | |
| 16 | 28000 LUMEN HPS-250W-FLOOD LGT | 1,020 | \$ 10.75 | \$ 10,965 | \$ 10.81 | \$ 11,026 | \$ 12.94 | \$ 13,199 |
| 17 | 61000 LUMEN-400W-HPS-FLOOD LGT | 1,395 | \$ 13.91 | \$ 19,404 | \$ 13.99 | \$ 19,516 | \$ 16.75 | \$ 23,366 |
| 18 | 140000 LUM-1000W-HPS-FLOOD LGT | 108 | \$ 32.06 | \$ 3,462 | \$ 32.25 | \$ 3,483 | \$ 38.62 | \$ 4,171 |
| 19 | 19500 LUMEN-250W-MH-FLOOD LGT | 422 | \$ 10.30 | \$ 4,347 | \$ 10.35 | \$ 4,368 | \$ 12.39 | \$ 5,229 |
| 20 | 32000 LUMEN-400W-MH-FLOOD LGT | 1,712 | \$ 13.85 | \$ 23,711 | \$ 13.93 | \$ 23,848 | \$ 16.68 | \$ 28,556 |
| 21 | 107000 LUM-1000W-MH-FLOOD LGT | 489 | \$ 32.02 | \$ 15,658 | \$ 32.20 | \$ 15,746 | \$ 38.56 | \$ 18,856 |
| 22 | Contemporary(Shoebox) | | | | | | | |
| 23 | 28000 LUMEN-250W-HPS SHOEBOX | 36 | \$ 12.17 | \$ 438 | \$ 12.23 | \$ 440 | \$ 14.64 | \$ 527 |
| 24 | 61000 LUMEN-400W-HPS SHOEBOX | 156 | \$ 15.39 | \$ 2,401 | \$ 15.48 | \$ 2,415 | \$ 18.54 | \$ 2,892 |
| 25 | 140000 LUMENS-1000 HPS SHOEBOX | - | \$ 32.02 | \$ - | \$ 32.25 | \$ - | \$ 38.62 | \$ - |
| 26 | 19500 LUMEN-250W-MH SHOEBOX | 24 | \$ 11.70 | \$ 281 | \$ 11.76 | \$ 282 | \$ 14.08 | \$ 338 |
| 27 | 32000 LUMENS-400W-MH SHOEBOX | 1,164 | \$ 15.09 | \$ 17,565 | \$ 15.18 | \$ 17,670 | \$ 18.18 | \$ 21,162 |
| 28 | 107000 LUMENS-1000W-MH SHOEBOX | 696 | \$ 32.02 | \$ 22,286 | \$ 32.20 | \$ 22,411 | \$ 38.56 | \$ 26,838 |

KENERGY
CONSUMPTION ANALYSIS DATA AND REVENUE PROOF
TEST YEAR ENDING NOVEMBER 30, 2012

| Description a | Units b | Test Year | Test Year | Present | Normalized | Proposed | Proposed |
|---|------------|------------|--------------|------------|-------------------------|-----------|--------------|
| | | Rates c | Revenue d | Rates e | Present Revenue f | Rate g | Revenue h |
| 29 Decorative Lighting | | | | | | | |
| 30 9000 LUMEN MH ACORN GLOBE | 132 | \$ 10.91 | \$ 1,440 | \$ 10.97 | \$ 1,448 | \$ 13.14 | \$ 1,734 |
| 31 16600 LUM-175W-MH ACORN GLOBE | 276 | \$ 13.44 | \$ 3,709 | \$ 13.51 | \$ 3,729 | \$ 16.18 | \$ 4,466 |
| 32 9000 LUM-175W-MH ROUND GLOBE | 6 | \$ 10.70 | \$ 64 | \$ 10.76 | \$ 65 | \$ 12.88 | \$ 77 |
| 33 16600 LUM-175W-MH ROUND GLOBE | 132 | \$ 12.47 | \$ 1,646 | \$ 12.54 | \$ 1,655 | \$ 15.02 | \$ 1,983 |
| 34 16600 LUM-175W-MH LANTERN GLOBE | - | \$ 12.60 | \$ - | \$ 12.67 | \$ - | \$ 15.17 | \$ - |
| 35 28000 LUM - HPS ACORN GLOBE | 24 | \$ 12.31 | \$ 295 | \$ 12.37 | \$ 297 | \$ 14.81 | \$ 355 |
| 36 Tariff sheet 15B | | | | | | | |
| 37 Pedestal Mounted Pole | | | | | | | |
| 38 STEEL 25 FT PEDESTAL MT POLE | 384 | \$ 6.90 | \$ 2,650 | \$ 6.94 | \$ 2,665 | \$ 8.31 | \$ 3,191 |
| 39 STEEL 30 FT PEDESTAL MT POLE | 1,284 | \$ 7.77 | \$ 9,977 | \$ 7.81 | \$ 10,028 | \$ 9.35 | \$ 12,005 |
| 40 STEEL 39 FT PEDESTAL MT POLE | 132 | \$ 13.06 | \$ 1,724 | \$ 13.13 | \$ 1,733 | \$ 15.72 | \$ 2,075 |
| 41 WOOD 30 FT DIRECT BURIAL POLE | 817 | \$ 4.33 | \$ 3,538 | \$ 4.35 | \$ 3,554 | \$ 5.21 | \$ 4,257 |
| 42 ALUMINUM 28 FT DIRECT BURIAL | 58 | \$ 8.89 | \$ 516 | \$ 8.94 | \$ 519 | \$ 10.71 | \$ 621 |
| 43 FLUTED FIBERGLASS 15 FT POLE | 420 | \$ 9.50 | \$ 3,990 | \$ 9.55 | \$ 4,011 | \$ 11.44 | \$ 4,805 |
| 44 FLUTED ALUMINUM 14FT POLE | 96 | \$ 10.43 | \$ 1,001 | \$ 10.49 | \$ 1,007 | \$ 12.56 | \$ 1,206 |
| 45 Street Lighting Service | | | | | | | |
| 46 Tariff sheet 16 | | | | | | | |
| 47 7000 LUMEN-175W-MERCURY VAPOR | 4,576 | \$ 8.46 | \$ 38,713 | \$ 8.50 | \$ 38,896 | \$ 10.18 | \$ 46,584 |
| 48 20000 LUMEN-400W-MERCURY VAPOR | 2,025 | \$ 12.38 | \$ 25,070 | \$ 12.45 | \$ 25,211 | \$ 14.91 | \$ 30,193 |
| 49 9500 LUMEN-100W-HPS STREET LGT | 7,467 | \$ 7.96 | \$ 59,437 | \$ 8.01 | \$ 59,811 | \$ 9.59 | \$ 71,609 |
| 50 27000 LUMEN-250W-HPS ST LIGHT | 659 | \$ 11.78 | \$ 7,763 | \$ 11.89 | \$ 7,836 | \$ 14.24 | \$ 9,384 |
| 51 9000 LUMEN-100W METAL HA | 62 | \$ 7.50 | \$ 465 | \$ 7.55 | \$ 468 | \$ 9.04 | \$ 560 |
| 52 24000 LUMEN-400W METAL H | 49 | \$ 15.89 | \$ 779 | \$ 15.98 | \$ 783 | \$ 19.14 | \$ 938 |
| 53 Tariff sheet 16A | | | | | | | |
| 54 Underground service with non-std. pole | | | | | | | |
| 55 UG NON-STD POLE-GOVT & DISTRICT | 6,492 | \$ 5.56 | \$ 36,096 | \$ 5.59 | \$ 36,290 | \$ 6.69 | \$ 43,431 |
| 56 Overhead service to street lighting districts | | | | | | | |
| 57 OH FAC-STREET LIGHT DISTRICT | 144 | \$ 2.31 | \$ 333 | \$ 2.33 | \$ 336 | \$ 2.79 | \$ 402 |
| 58 Decorative Underground service | | | | | | | |
| 59 6300 LUMEN-DECOR-70W-HPS ACORN | 3,902 | \$ 10.97 | \$ 42,805 | \$ 11.04 | \$ 43,078 | \$ 13.22 | \$ 51,584 |
| 60 6300 LUM DECOR-70W-HPS LANTERN | 2,710 | \$ 10.97 | \$ 29,729 | \$ 11.04 | \$ 29,918 | \$ 13.22 | \$ 35,826 |
| 61 12600 LUM HPS-70W-2 DECOR FIX | 360 | \$ 19.44 | \$ 6,998 | \$ 19.56 | \$ 7,042 | \$ 23.42 | \$ 8,431 |
| 62 28000 LUM - HPS ACORN GL 14 FT POLE | 488 | \$ 21.04 | \$ 10,268 | \$ 21.16 | \$ 10,326 | \$ 25.34 | \$ 12,366 |
| 63 Special street lighting districts | | | | | | | |
| 64 BASKETT STREET LIGHTING | 838 | \$ 2.92 | \$ 2,447 | \$ 2.94 | \$ 2,464 | \$ 3.52 | \$ 2,950 |
| 65 MEADOW HILL STREET LIGHTING | 359 | \$ 2.67 | \$ 959 | \$ 2.68 | \$ 962 | \$ 3.21 | \$ 1,152 |
| 66 SPOTTSVILLE STREET LIGHTING | 813 | \$ 3.30 | \$ 2,683 | \$ 3.32 | \$ 2,699 | \$ 3.98 | \$ 3,236 |
| Total | | | \$ 1,757,217 | | \$ 1,766,635 | | \$ 2,115,640 |

KENERGY
 CLASS B DIRECT SERVED CUSTOMERS CONSUMPTION ANALYSIS

| <u>Item</u> a | <u>Units</u> b | <u>Test Year Rates</u> c | <u>Test Year Revenue</u> d | <u>Present Rates</u> e | <u>Normalized Present Revenue</u> f | <u>Proposed Rate</u> g | <u>Proposed Revenue</u> h | <u>Difference</u> g |
|--|-------------------|-----------------------------|-------------------------------|---------------------------|--|---------------------------|------------------------------|------------------------|
| 1 Wholesale charges: | 975,720 | \$ 10.50 | \$ 10,245,060 | \$ 10.50 | \$ 10,245,060 | \$ 12.33 | \$ 12,030,628 | \$ 1,785,568 |
| 2 Demand charge per kw | | | | | | | | |
| 3 Energy charge per kwh | 626,958,030 | \$ 0.024505 | \$ 15,363,607 | \$ 0.024508 | \$ 15,365,487 | \$ 0.03000 | \$ 18,808,741 | \$ 3,443,254 |
| 4 Curtailment credit | | | \$ - | | \$ - | | \$ - | \$ - |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 Charges related to providing backup power | | | | | | | | |
| 8 for the Cogeneration load: | | | | | | | | |
| 9 Monthly fixed charge | 12 | \$ 2,651 | \$ 31,811 | \$ 1 | \$ 31,811 | \$ 2,651 | \$ 31,811 | \$ - |
| 10 Metering and billing charge | 189,543,115 | \$ 0.030327 | \$ 5,748,247 | \$ 0.030327 | \$ 5,748,247 | \$ 0.030327 | \$ 5,748,247 | \$ - |
| 11 Backup power | | | \$ - | | \$ - | | \$ - | \$ - |
| 12 Energy imbalance charge | | | \$ 29,863 | | \$ 29,863 | | \$ 29,863 | \$ - |
| 13 Power factor penalty | 189,543,115 | \$ 0.001000 | \$ 189,543 | \$ 0.001000 | \$ 189,543 | \$ 0.001000 | \$ 189,543 | \$ - |
| 14 Backup power replacement service | | | \$ - | | \$ - | | \$ - | \$ - |
| 15 Curtailed Power | | | \$ - | | \$ - | | \$ - | \$ - |
| 16 | 626,958,030 | \$ (0.005368) | \$ (3,365,601) | \$ (0.004212) | \$ (2,640,747) | \$ (0.004212) | \$ (2,640,747) | \$ - |
| 17 Sum of unwind factors | | | \$ (701,582) | | \$ (701,582) | | \$ (701,582) | \$ - |
| 18 Non-FAC PPA Rider | | | \$ 27,540,948 | | \$ 28,267,682 | | \$ 33,496,504 | \$ 5,228,821 |
| 19 Power cost | | | | | | | | |
| 20 Retail adder: | 36 | \$ 1,028 | \$ 37,008 | \$ 1,028 | \$ 37,008 | \$ 1,028 | \$ 37,008 | \$ - |
| 21 Customer charge: | 816,501,145 | \$ 0.000166 | \$ 135,539 | \$ 0.000166 | \$ 135,539 | \$ 0.000166 | \$ 135,539 | \$ - |
| 22 Energy charge per kwh(line 4 plus 14 col.b) | 249,207,702 | \$ 0.000166 | \$ 41,368 | \$ 0.000166 | \$ 41,368 | \$ 0.000166 | \$ 41,368 | \$ - |
| 23 Energy generated at site - retail adder | | | \$ 213,916 | | \$ 213,916 | | \$ 213,916 | \$ - |
| 24 Subtotal | | | \$ 27,754,863 | | \$ 28,481,598 | | \$ 33,710,419 | \$ 5,228,821 |
| 25 Revenue | | | | | | | | |

KENERGY
CLASS C DIRECT SERVED CUSTOMERS CONSUMPTION ANALYSIS

| <u>Item</u> a | <u>Units</u> b | <u>Test Year Rates</u> c | <u>Test Year Revenue</u> d | <u>Present Rates</u> e | <u>Normalized Present Revenue</u> f | <u>Proposed Rate</u> g | <u>Proposed Revenue</u> h | | |
|---|-------------------|-----------------------------|-------------------------------|---------------------------|--|---------------------------|------------------------------|----|-----------|
| 1 Wholesale charges: | | | | | | | | | |
| 2 Demand charge per kw | 709,227 | \$ 10.50 | \$ 7,446,884 | \$ 10.50 | \$ 7,446,884 | \$ 12.33 | \$ 8,744,769 | \$ | 1,297,885 |
| 3 Power factor penalty per kw | 9,130 | \$ 10.50 | \$ 95,865 | \$ 10.50 | \$ 95,865 | \$ 12.33 | \$ 112,573 | \$ | 16,708 |
| 4 Energy charge per kwh | 327,954,821 | \$ 0.024505 | \$ 8,036,533 | \$ 0.024508 | \$ 8,037,517 | \$ 0.03000 | \$ 9,838,645 | \$ | 1,801,128 |
| 5 Special Transmission Charges | | | \$ 119,728 | | \$ 119,728 | | \$ 119,728 | \$ | - |
| 6 | | | | | | | | | |
| 7 Sum of unwind factors | 327,954,821 | \$ (0.005388) | \$ (1,766,928) | \$ (0.004212) | \$ (1,381,346) | \$ (0.004212) | \$ (1,381,346) | \$ | - |
| 8 Non-FAC PPA Rider | | | \$ (366,367) | | \$ (366,367) | | \$ (366,367) | \$ | - |
| 9 Power cost | | | \$ 13,565,714 | | \$ 13,952,280 | | \$ 17,068,001 | \$ | 3,115,721 |
| 10 Retail adder: | | | | | | | | | |
| 11 Customer charge: | 192 | \$ 100 | \$ 19,200 | \$ 100 | \$ 19,200 | \$ 100 | \$ 19,200 | \$ | - |
| 12 Energy generated at site - retail adder | 327,954,821 | \$ 0.003000 | \$ 983,864 | \$ 0.003000 | \$ 983,864 | \$ 0.003000 | \$ 983,864 | \$ | - |
| 13 Facilities charge @ 1.30% *\$ of invest. | 12 | \$ 21,283 | \$ 255,394 | \$ 21,283 | \$ 255,394 | \$ 21,283 | \$ 255,394 | \$ | - |
| 14 Subtotal | | | \$ 1,258,458 | | \$ 1,258,458 | | \$ 1,258,458 | \$ | - |
| 15 | | | \$ 14,824,172 | | \$ 15,210,738 | | \$ 18,326,460 | \$ | 3,115,721 |
| 16 | | | | | | | | | |

KENERGY CORP.
2013 RATE APPLICATION
DIRECT SERVED CLASS A CONSUMPTION ANALYSIS

| (a) | item (b) | (c) | Test year amounts (d) | (e) | (f) | Normalized amounts (g) | (h) | (i) | Proposed amounts (j) | (k) |
|-------|--------------------|-------------|-----------------------|----------------|--------------|------------------------|----------------|--------------|----------------------|----------------|
| ALCAN | | | | | | | | | | |
| 1 | Contract reference | | | | | | | | | |
| 2 | Section 1.1.15 | | | 368,000 | | | 368,000 | | | 368,000 |
| 3 | | | | 3,167,861,760 | | | 3,167,861,760 | | | 3,167,861,760 |
| 4 | | | | 3,180,026,314 | | | 3,180,026,314 | | | 3,180,026,314 |
| 5 | | | | 12,164,554 | | | 12,164,554 | | | 12,164,554 |
| 6 | | | 9,208,710 | 9,208,710 | | 9,208,710 | 9,208,710 | | 9,208,710 | 9,208,710 |
| 7 | Section 4.2 | \$ 0.039432 | 1,055,593,280 | 41,624,154 | \$ 0.039435 | 3,167,861,760 | 124,924,629 | \$ 0.047485 | 3,167,861,760 | 150,425,916 |
| 8 | | \$ 0.039392 | 2,112,268,480 | 83,206,480 | | | | | | |
| 9 | | \$ 0.021806 | 12,164,554 | 265,260 | \$ 0.021806 | 12,164,554 | 265,260 | \$ 0.021806 | 12,164,554 | 265,260 |
| 10 | | | | | | | | | | |
| 11 | Section 4.3 | | | \$ - | | | | | | |
| 12 | Section 4.4 | 0.0373820 | | \$ 344,244 | \$ 0.0373820 | | \$ 344,244 | \$ 0.0373820 | | \$ 344,244 |
| 13 | Section 4.5 | | | \$ - | | | | | | |
| 14 | Section 4.6 | | | \$ - | | | \$ 9,079,797 | | | \$ 9,079,797 |
| 15 | Section 4.7.1 | | | \$ 9,079,797 | | | \$ 9,079,797 | | | \$ 9,079,797 |
| 16 | Section 4.8.1 | 0.0028043 | 3,180,026,314 | \$ 8,917,652 | \$ 0.0028043 | 3,180,026,314 | \$ 8,917,652 | \$ 0.0028043 | 3,180,026,314 | \$ 8,917,652 |
| 17 | Section 4.8.2 | | | \$ (622,417) | | | \$ (622,417) | | | \$ (622,417) |
| 18 | Section 4.8.3 | 0.0021505 | 3,180,026,314 | \$ 6,838,676 | \$ 0.0021505 | 3,180,026,314 | \$ 6,838,676 | \$ 0.0021505 | 3,180,026,314 | \$ 6,838,676 |
| 19 | Section 16.5.1 | | | \$ - | | | | | | |
| 20 | | | | \$ - | | | | | | |
| 21 | Section 4.9 | | | \$ - | | | | | | |
| 22 | Section 4.10 | | | \$ - | | | \$ 5,843,842 | | | \$ 5,843,842 |
| 23 | Section 4.11 | | | \$ 5,843,842 | | | \$ 5,843,842 | | | \$ 5,843,842 |
| 24 | | | | \$ - | | | | | | |
| 25 | | | | \$ - | | | | | | |
| 26 | | | | \$ - | | | | | | |
| 27 | Section 4.13 | | | \$ - | | | | | | |
| 28 | | | | \$ (323,078) | | | \$ (323,078) | | | \$ (323,078) |
| 29 | | | | \$ - | | | | | | |
| 30 | | | | \$ - | | | \$ - | | | \$ - |
| 31 | | | | \$ - | | | | | | |
| 32 | | | | \$ - | | | | | | |
| 33 | Section 4.14 | | | \$ - | | | | | | |
| 34 | Section 4.15 | | | \$ - | | | \$ (24,195) | | | \$ (24,195) |
| 35 | Section 5.1 | | | \$ (24,195) | | | \$ (24,195) | | | \$ (24,195) |
| 36 | | | | \$ 29 | | | \$ 29 | | | \$ 29 |
| 37 | | | | \$ 155,150,446 | | | \$ 155,244,440 | | | \$ 180,745,728 |
| 38 | Section 4.12 | | | | | | | | | |
| 39 | | 0.000045 | 3,189,235,024 | \$ 143,516 | \$ 0.000045 | 3,189,235,024 | \$ 143,516 | \$ 0.000045 | 3,189,235,024 | \$ 143,516 |
| 40 | | 2,614 | times 12 months | \$ 31,368 | 2,614 | times 12 months | \$ 31,368 | 2,614 | times 12 months | \$ 31,368 |
| 41 | | | | \$ 155,325,330 | | | \$ 155,419,324 | | | \$ 180,920,611 |
| 42 | | | | | | | | | Increase | \$ 25,501,287 |
| 43 | | | | | | | | | | |

Page 16 of 18

KENERGY CORP.
2013 RATE APPLICATION
DIRECT SERVED CLASS A CONSUMPTION ANALYSIS

| (a) | item (b) | (c) | Test year amounts (d) | (e) | (f) | Normalized amounts (g) | (h) | (i) | Proposed amounts (j) | (k) |
|----------------|---------------------------|-------------|--------------------------|--------------------|-------------|---------------------------|------------|-----|-------------------------|-----|
| CENTURY | | | | | | | | | | |
| 1 | Contract reference | | | | | | | | | |
| 2 | Section 1.1.15 | | | 482,000 | | | | | | |
| 3 | | | | 4,149,210,240 | | | | | | |
| 4 | | | | 4,218,009,756 | | | | | | |
| 5 | | | | 68,799,516 | | | | | | |
| 6 | | | | 15,806,082 | | | | | | |
| 7 | Section 4.2 | \$ 0.039432 | 1,382,597,720 | | | | | | | |
| 8 | | \$ 0.039392 | 2,766,612,520 | | | | | | | |
| 9 | | \$ 0.021806 | 68,799,516 | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | Section 4.3 | | 416,000 | \$ 13,147 | | | | | | |
| 12 | Section 4.4 | 0.0377740 | | \$ 597,053 | | | | | | |
| 13 | Section 4.5 | | | \$ - | | | | | | |
| 14 | Section 4.6 | | | \$ - | | | | | | |
| 15 | Section 4.7.1 | | | \$ 11,892,560 | | | | | | |
| 16 | Section 4.8.1 | 0.0028060 | 4,218,009,756 | \$ 11,835,899 | | | | | | |
| 17 | Section 4.8.2 | | | \$ (829,801) | | | | | | |
| 18 | Section 4.8.3 | 0.0021508 | 4,218,009,756 | \$ 9,072,241 | | | | | | |
| 19 | Section 16.5.1 | | | \$ - | | | | | | |
| 20 | | | | \$ - | | | | | | |
| 21 | Section 4.9 | | | \$ - | | | | | | |
| 22 | Section 4.10 | | | \$ - | | | | | | |
| 23 | Section 4.11 | | | \$ 7,654,140 | | | | | | |
| 24 | | | | \$ - | | | | | | |
| 25 | | | | \$ - | | | | | | |
| 26 | | | | \$ - | | | | | | |
| 27 | Section 4.13 | | | \$ - | | | | | | |
| 28 | | | | \$ - | | | | | | |
| 29 | | | | \$ - | | | | | | |
| 30 | | | | \$ - | | | | | | |
| 31 | | | | \$ - | | | | | | |
| 32 | | | | \$ - | | | | | | |
| 33 | Section 4.14 | | | \$ - | | | | | | |
| 34 | Section 4.15 | | | \$ - | | | | | | |
| 35 | Section 5.1 | | | \$ (42,888) | | | | | | |
| 36 | | | | \$ 36 | | | | | | |
| 37 | | | | \$ 205,193,625 | | | | | | |
| 38 | Section 4.12 | | | | | | | | | |
| 39 | | 0.000045 | 4,234,231,838 | \$ 190,540 | \$ 0.000045 | 4,234,231,838 | \$ 190,540 | | | |
| 40 | | 2.614 | times 12 months | \$ 31,368 | \$ 2,614 | times 12 months | \$ 31,368 | | | |
| 41 | | | | \$ 205,415,533 (5) | | | \$ 221,908 | | | |

KENERGY
 PROPOSED CHANGES TO SCHEDULE 23
 RENEWABLE RESOURCE ENERGY SERVICE TARIFF RIDER

| | <u>Present</u> | <u>Proposed</u> |
|---|--------------------|--------------------|
| <u>DETERMINATION OF KWH ADDER - NON DEDICATED</u> | | |
| 1 Charge from Big Rivers for Renewable Energy | \$ 0.055000 | \$ 0.055000 |
| 2 Less: Big Rivers Standard Energy rate | <u>\$ 0.029736</u> | <u>\$ 0.030000</u> |
| 3 Difference | \$ 0.025264 | \$ 0.025000 |
| 4 1 Minus Line Loss of (5.4577% Pres. & 4.169% Prop.) | <u>0.94542</u> | <u>0.95831</u> |
| 5 kWh Adder | \$ 0.026722 | \$ 0.026088 |
| <u>DETERMINATION OF KWH ADDER - DIRECT SERVED LARGE INDUSTRIALS</u> | | |
| 6 Charge from Big Rivers for Renewable Energy | \$ 0.055000 | \$ 0.055000 |
| 7 Less: Big Rivers Standard Energy rate | <u>\$ 0.024508</u> | <u>\$ 0.030000</u> |
| 8 kWh Adder | \$ 0.030492 | \$ 0.025000 |

**KENERGY CORP.
RESPONSE TO THE COMMISSION'S
SECOND DATA REQUEST FOR INFORMATION**

CASE NO. 2013-00035

1

2 **Item 4)** Refer to the response to Item 2 of Staff's First Request, revised Exhibit JDG-4, pages 1-

3 4. Confirm that column B of the schedule, "Units," includes the billed sales for the 12 months ending

4 November 30, 2012.

5

6 **Response)** The Units do include billed sales for the 12 months ending November 30, 2012.

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8 **Witness)** Jack Gaines

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**KENERGY CORP.
RESPONSE TO THE COMMISSION'S
SECOND DATA REQUEST FOR INFORMATION**

CASE NO. 2013-00035

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Item 5) Refer to the response to Item 2 of Staff's Second Request, revised Exhibit JDG-5, page 1. Explain row 23, "Energy Generated at Site – Retail Adder," and why it is necessary given the adder calculated on line 22.

Response) "Schedule 34 – Class B with Self Generation" provides that the "Charges for backup and replacement power are billed per contract, which includes a \$0.000166 retail adder per KWH Consumed at Site." Per the contract, this means that the retail adder applies to energy all KWH consumed including KWH delivered by Kenergy and self-generated KWH consumed by the customer.

Witness) Jack Gaines

**KENERGY CORP.
RESPONSE TO THE COMMISSION'S
SECOND DATA REQUEST FOR INFORMATION**

CASE NO. 2013-00035

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Item 6) Refer to the attachment to the response to Item 3 of Staff's First Request. If available, provide a breakdown of billing determinants by rate class used to determine the amounts in the "Unbilled Revenue" column.

Response) Item 6, page 2 of 2, contains the above referenced information.

Witness) Steve Thompson

Kenergy Corp.
Case No. 2013-00035
Attachment for Response to PSC 2-6

| CLASS | UNBILLED KWH |
|----------------------------------|-------------------|
| RESIDENTIAL | 3,439,186 |
| COMMERCIAL & PUBLIC BUILDINGS 1P | 1,651,130 |
| COMMERCIAL & PUBLIC BUILDINGS 3P | 3,627,144 |
| COMMERCIAL 3 P OVER 1000 KW | 2,093,498 |
| LIGHTING | 47,945 |
| | <u>10,858,903</u> |