

Special Council Meeting
to be held at
City of Penticton Council Chambers
171 Main Street, Penticton, B.C.

Wednesday, January 7, 2015
at 6:00 p.m.

1. **Call Special Council Meeting to Order**

2. **Adoption of Agenda**

3. **Public Comment regarding Electrical Rates**

4. **Staff Reports:**

DO 4.1 Fees and Charges Amendment Bylaw No. 2015-01
Re: Electrical Rates

Staff Recommendation:

THAT Council select Electrical Rate increase Alternative 1;
OR

THAT Council select Electrical Rate increase Alternative 2;
OR

THAT Council select Electrical Rate increase Alternative 3;

AND THAT Fees and Charges Amendment Bylaw No. 2015-01 be read a first, second and third time.

5. **Media and Public Question Period**

6. **Adjournment**



Council Report

penticton.ca

Date: December 15, 2014
To: Annette Antoniak, City Manager
From: Mitch Moroziuk, Director of Operations
Subject: **2015 Electrical Rate Increases**

File No:

Staff Recommendation

THAT the 2015 City of Penticton Electric Rates be revised to reflect:

- A 4.60% FortisBC and BC Hydro Flow Through increases and a timing adjustment

AND that the following three alternatives be considered in the rate setting process:

- Alternative 1 – Apply the increase (4.60%) at the Retail Power Sale Level (5.11%);
- Alternative 2 - Apply the increase (4.60%) at the Wholesale Power Purchase Level (3.70%);
- Alternative 3 - Apply the average of the increases (Retail / Wholesale) (4.40%).

AND THAT that the following schedule for the rate setting process be utilized:

- December 15, 2014 – Introduction of the proposed rates
- January 7, 2015 – Public input session, Council Direction and First 3 Readings of a Bylaw to amend the Fees and Charges Bylaw
- January 12, 2015 – Adoption of the amending Bylaw to the Fees and Charges Bylaw
- February 1, 2015 – New electrical rates take effect

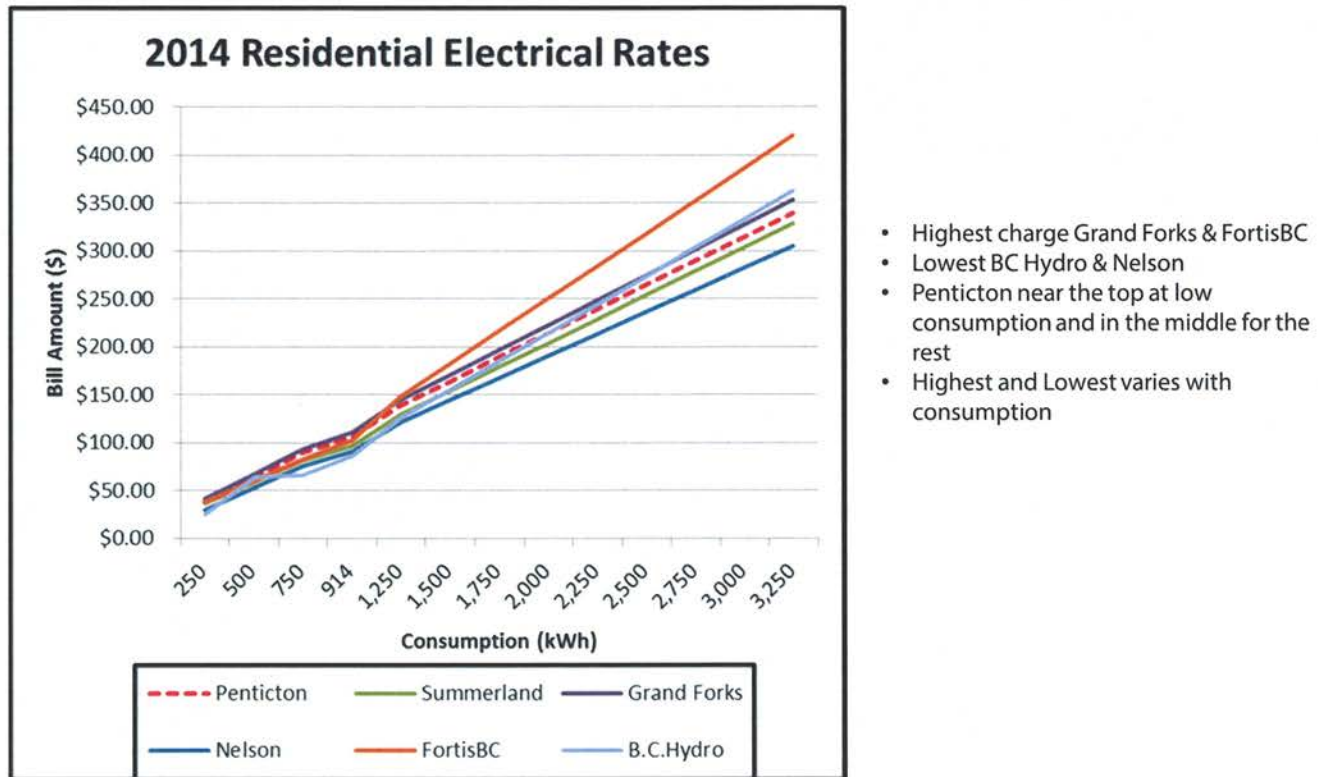
AND FURTHER THAT notification advising the public of the public input session on January 7, 2015 be advertised in the Penticton Western News.

Strategic priority objective

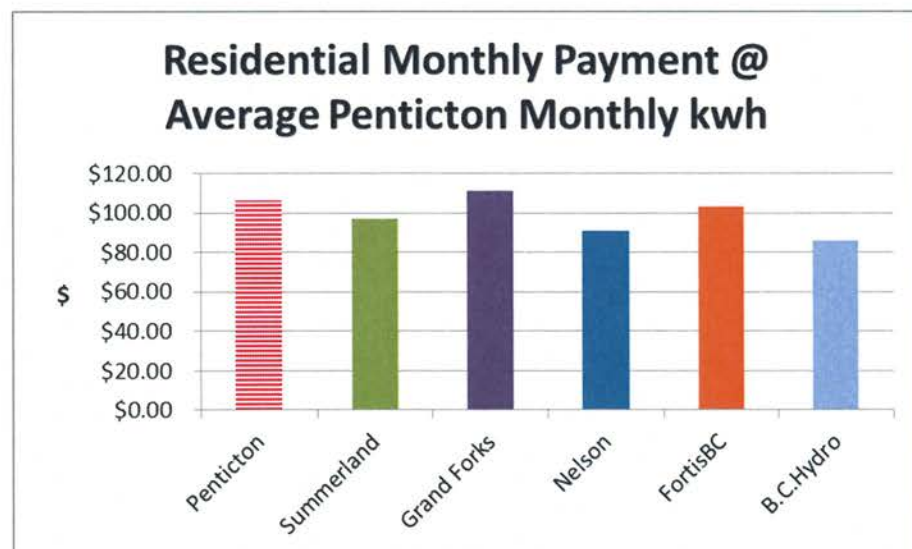
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Background

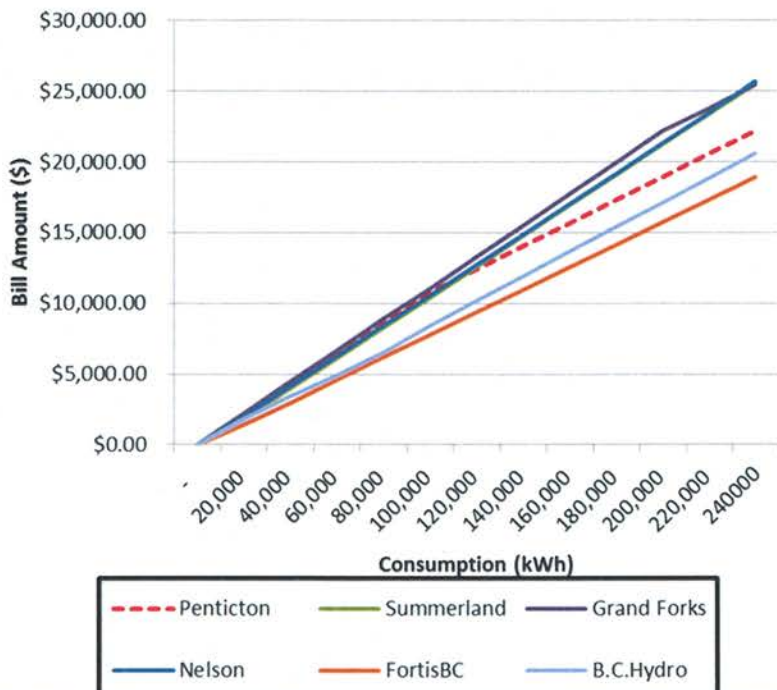
The Electric Department does an annual comparison of electric charges between the following service providers: Penticton, Summerland, Grand Forks, Nelson, FortisBC and BC Hydro, for three customer classes: Residential, Commercial and Primary (Industrial). The following figures illustrate the total cost to a customer depending on the number of kilowatt hours of power used.



A clearer picture of what a residential customer pays in the different comparator Cities is illustrated below. The figure shows how much a customer would pay in other communities using the average Penticton monthly residential consumption of 914 kwh.

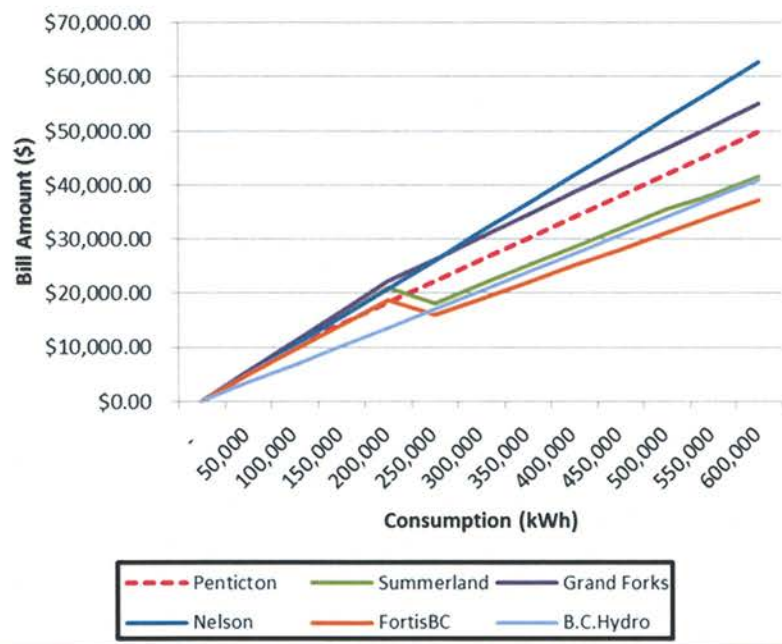


2014 Commercial Electrical Rates



- Highest charge Grand Forks & Nelson
- Lowest FortisBC
- Penticton near the top at low consumption and in the middle for the rest

2014 Primary Electrical Rates



- Highest charge Grand Forks & Nelson
- Lowest BC Hydro & FortisBC
- Penticton in the middle

As we move forward into 2015 there are three rate increases that must be accounted for.

First is the FortisBC increase of 3.50%. The FortisBC rate increase will come into effect January 1, 2015.

Second is the rate increase at BC Hydro which will flow through to the FortisBC rate, 1.05%. At this time it is not exactly known when the BC Hydro rate will come into being. For rate setting purposes it was assumed that the BC Hydro increase will come into force April 1 of 2015.

Third is the adjustment to address timing issues related to the difference between when the FortisBC Rate and BC Hydro flow through rate are instituted vs when the City of Penticton rate increase is put in place, 0.05%.

Summary of the rate increases:

• FortisBC Increase	3.50%
• BC Hydro Flow through Increase	1.05%
• Timing Correction	<u>0.05%</u>
TOTAL	4.60%

Rate Increase Alternatives:

Alternative 1 – Highest impact to customer

4.60% Increase applied at the Retail Power Sale Level, the price at which the City sells power to customers
TOTAL increase of 5.11% to Fees and Charges Rates

Alternative 2 – Lowest impact to customer

4.60% Increase applied at the Wholesale Power Purchase Level, the price at which the City buys power from FortisBC
TOTAL increase of 3.70% to Fees and Charges Rates

Alternative 3 – Modest impact to customer

4.60% increase applied at the average of the Retail and Wholesale levels
TOTAL increase of 4.40% to Fees and Charges Rates

As part of the review of Electrical Rate increases staff also considered shifting the increase, or a portion thereof, from commercial / industrial customers to residential customers to make commercial / industrial rates more attractive from a business attraction point of view. Due to the impact that this would have on the residential customer and the fact the further work needs to be done to better understand the costs to business and how these costs compare between Penticton and areas that the City would like to target for business attraction and until such time as a well-developed business attraction strategy is in place staff have determined that any rate shifting would be premature.

As mandated in Electrical Utility Rates Policy, see Attachment "A", there must be a public consultation process as part of any adjustment to electrical rates. The following process is proposed:

- December 15, 2014 – Introduction of the proposed rates
- January 7, 2015 – Public input session, Council Direction and First 3 Readings of a Bylaw to amend the Fees and Charges Bylaw.
- January 12, 2015 – Adoption of the amending Bylaw to the Fees and Charges Bylaw
- February 1, 2015 – New electrical rates take effect

Financial implication

The increase in rates is required to cover the cost increases from FortisBC and BC Hydro, to maintain the existing level of dividend from the electric utility to fund capital and operating expenses and to keep the Electrical Reserve at an acceptable level. The amount of the dividend will vary depending on the Alternative selected by Council. The estimated revenue and expenditures for the three Alternatives are as follows:

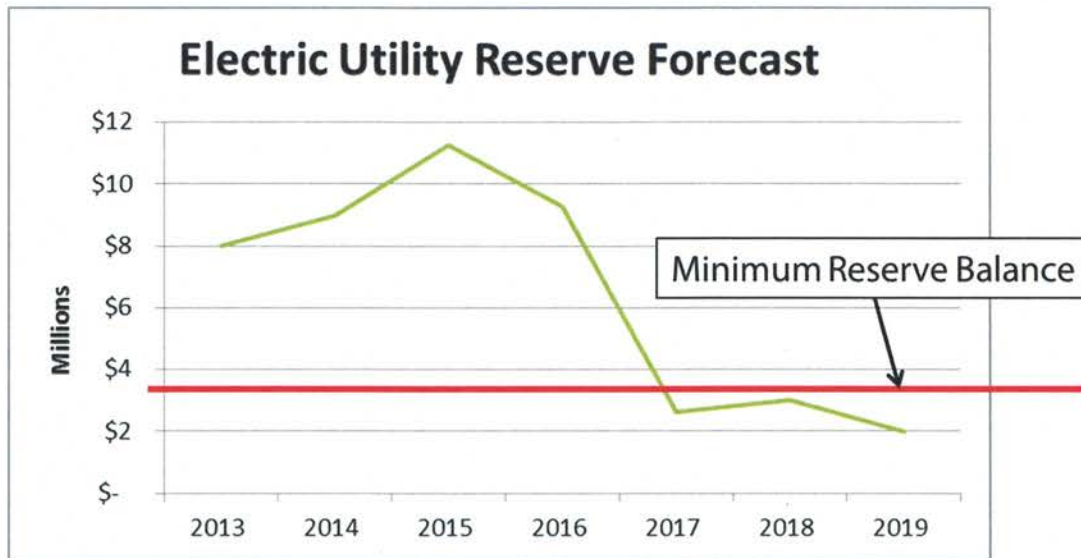
	Alternative 1	Alternative 2	Alternative 3
Estimated Revenue from Electrical Sales	\$ 38,356,649	\$ 37,844,044	\$ 38,098,529
Estimated Power Purchase Expenses	\$ 27,746,505	\$ 27,746,505	\$ 27,746,505
Difference	\$ 10,610,144	\$ 10,097,539	\$ 10,352,024

Note: The Above Revenues include projected load growth, street lighting and traffic signals.

The impacts of the three alternatives on the rate payer are estimated as follows:

Rate Description	Current Average Monthly Fee After 10% Discount	Estimated Average Monthly Fee Alternative 1 (5.11%) After 10% Discount	Estimated Average Monthly Fee Alternative 2 (3.70%) After 10% Discount	Estimated Average Monthly Fee Alternative 3 (4.40%) After 10% Discount
Residential Customer	\$ 103.19	\$ 108.46	\$ 107.01	\$ 107.73
Commercial Customer	\$ 632.15	\$ 664.45	\$ 655.54	\$ 659.96
Industrial Customer	\$ 21,166.12	\$ 22,247.71	\$ 21,949.26	\$ 22,097.43

The projected status of the Electrical Reserve is as follows:



Analysis

All of the alternatives increase Penticton electric rates by differing degrees using a different rational. Alternative 1 applies the increase at the Retail Power Sales level, the rate at which the City sells power to customers. Alternative 2 applies the increase at the Wholesale Power Purchase level, the rate at which the City buys power from FortisBC. Alternative 3 uses an average of the two.

The impact to the average electric utility customer is as noted in the Financial implication section above.

In addition to the monthly rate impact to the customer Council should also consider the following:

- In 2015 the on bill loan program will continue helping customers of residential owner occupied dwellings finance home improvements to reduce electrical costs, funding for this program comes from the Electrical Reserves.
- From 2015 - 2019 there will be a significant electrical capital project to improve the security of supply for our customers. The Westminster Substation upgrade, the Carmi Substation upgrade and voltage conversion projects carry a large cost and will have a significant impact on the Electric Utility Reserves.
- Moving from 2015 to 2019 the Electric Utility Reserve is projected to decrease and in 2017 it is expected to be lower than the minimum suggested balance of \$3,100,000.
- Implementation of rate shifting between commercial / industrial rates and residential rates is not recommended until such time as the overall impact of all business costs and how they compare

between Penticton and areas the City targets for business attraction are better understood and a well-defined business attraction strategy has been developed.

The proposed schedule for rate increases is in accordance with the Electric Utility Rates Policy.

Alternate recommendation(s)

Alternative 1

THAT Council send the matter back to staff with direction.

Attachments

Attachment "A" - Electric Utility Rates Policy

Respectfully submitted,

Mitch Moroziuk P.Eng. MBA

Director of Operations
City of Penticton

Approvals

Chief Financial Officer	City Manager
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CITY OF PENTICTON POLICY

TITLE: Electrical Utility Rates Policy	
Section:	Page: 1
Effective Date: January 2007	Replacing:
Originator: Dan Albas/John Vassilaki	Approval:
Council Res:	Council Date:

PREAMBLE

Whereas, the City of Penticton Electrical Utility is not required by the BC Utilities Commission nor subject to its auspices and consultative processes in regard to electrical rate changes.

Furthermore, it becomes incumbent on City Council and staff to promote transparency and preserve the public trust in regard to consultation and rate changes.

It is the rightful role of city elected officials and staff to inform and consult with citizens as to precise nature and impact of any proposed City of Penticton Electrical Utility rate changes.

POLICY

That all proposed City of Penticton Electrical Utility Rate increases reports must include true costing by clearly presenting the City's wholesale costs and general retail increases from Fortis BC. In addition, within the report staff will present examples from the spectrum of electrical consumers such as residential (single family), commercial (small, medium and large), and institutional to illustrate how a rate change will affect them.

Further, city staff will ensure that such a report is posted prominently on its website in full and available for public purview at city hall for at least 7 business days prior to a consultative process.

This public consultative process will be advertised and conducted like a public hearing prior to council making a decision on electrical rate changes.

The Corporation of the City of Penticton

Bylaw No. 2015-01

A bylaw to amend the Fees and Charges Bylaw No. 2014-07

WHEREAS the Council of the City of Penticton has adopted a Fees and Charges Bylaw pursuant to the *Community Charter*;

AND WHEREAS the Council of the City of Penticton wishes to amend the "Fees and Charges Bylaw No. 2014-07";

NOW THEREFORE BE IT RESOLVED that the Council of the City of Penticton in open meeting assembled, hereby ENACTS AS FOLLOWS:

1. Title:

This Bylaw may be cited as "Fees and Charges Amendment Bylaw No. 2015-01".

2. Amendment:

- i. Amend "Fees and Charges Bylaw No. 2014-07" by deleting and replacing the following appendix in its entirety:

- Appendix 7 – Electrical

- ii. Appendix 7 attached hereto forms part of this bylaw.

READ A FIRST time this day of , 2015

READ A SECOND time this day of , 2015

READ A THIRD time this day of , 2015

ADOPTED this day of , 2015

Andrew Jakubeit, Mayor

Dana Schmidt, Corporate Officer

Appendix 7

ELECTRIC	2014	Effective February 1, 2015
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Alternate 1

Utility Administration Rates

1	Utility credit references (current or recent account)	\$15.75	\$15.75
2	Archived account	\$26.25	\$26.25
3	Utility account history	\$15.75	\$15.75
4	Interest rate on delinquent utility accounts	10% per annum	10% per annum
5	Special electric meter reading	\$26.25	\$26.25
6	Special electric meter inspection fee	\$26.25	\$26.25

AMR OPT OUT

7	AMR Opt Out manual water meter reading for an individual meter	\$11.00 per meter read	\$11.00 per meter read
8	AMR Opt Out manual combined electric and water meter reading for an individual for an individual meter read	\$13.00 per combined meter read	\$13.00 per combined meter read
9	AMR Opt Out manual water meter reading for a meter bank installation	\$11.00 for the first meter and \$1.00 per read for each additional meter in the meter bank per meter read. The total cost for the electric meter bank read is to be equally split between all customers serviced by the bank meter	\$11.00 for the first meter and \$1.00 per read for each additional meter in the meter bank per meter read. The total cost for the electric meter bank read is to be equally split between all customers serviced by the bank meter
10	AMR Opt Out combined electric and water meter reading for a combined electric and water meter bank installation	\$13.00 for the first meter and \$1.00 per read for each additional meter in the meter bank per meter read. The total cost for the combined electric and water meter bank read is to be equally split between all customers served by the meter bank.	\$13.00 for the first meter and \$1.00 per read for each additional meter in the meter bank per meter read. The total cost for the combined electric and water meter bank read is to be equally split between all customers served by the meter bank.
11	City padlocks	\$20.00	\$20.00
12	City lock boxes (installed by City)	\$63.00	\$63.00
13	City lock boxes (installed by customer)	\$47.25	\$47.25
14	Utility application fee – next day service	\$30.00	\$30.00
15	Utility application fee – same day service (accounts with combined electric and water)	\$90.00	\$90.00
16	Utility application fee (electric only) same day service (accounts that only have electric services)	\$42.00	\$42.00
17	Electric disconnect / re-connect fee (for non payment during City hall hours)	\$68.00	\$68.00
18	Electric disconnect / re-connect fee (for non payment after hours without call-out)	\$97.00	\$97.00
19	Electric disconnect / re-connect fee (for non payment after hours with call-out)	\$319.00	\$319.00
20	Electrical disconnect (customer / agent request during City hall hours)	\$34.00	\$34.00
21	Electrical disconnect (customer / agent request after hours without call-out)	\$63.00	\$63.00

Appendix 7

ELECTRIC		2014	Effective February 1, 2015
22	Electrical disconnect (customer / agent request after hours with call-out)	\$285.00	\$285.00
23	Electrical re-connect (customer / agent request during City hall hours)	\$34.00	\$34.00
24	Electrical re-connect (customer / agent request after hours without call-out)	\$63.00	\$63.00
25	Electrical re-connect (customer / agent request after hours with call-out)	\$285.00	\$285.00
26	Illegal reconnection administration charge	\$255.00	\$255.00
27	Utility fee - Leave on Authorized	\$10.20	\$10.20
28	Disconnection from pole (for non-payment)	\$204.00	\$204.00
29	Special Administration charge per service	\$25.50	\$25.50

Electric Rates

Rate Code 10 - Residential

30	Basic Charge	\$16.17 per billing plus	\$16.99 per billing plus
31	Energy Charge	\$0.1111 per kwh for all consumption during the billing period	\$0.1168 per kwh for all consumption during the billing period

Rate Code 15 - Residential/Special Service

32	Basic Charge	\$16.17 per billing plus	\$16.99 per billing plus
33	Energy Charge	\$0.1278 per kwh for all consumption during the billing period	\$0.1343 per kwh for all consumption during the billing period

Rate Code 20 - General - Secondary metered and City owned Transformation

34	Basic Charge	\$16.17 per billing plus	\$16.99 per billing plus
35	Energy Charge: First 10,000 kwh per billing	\$0.1304 per kwh	\$0.1371 per kwh
36	Next 90,000 kwh per billing	\$0.1027 per kwh	\$0.1080 per kwh
37	Additional kwh per billing	\$0.0720 per kwh	\$0.0757 per kwh
38	Demand Charge	\$9.20 per KVA of billing demand which is the greater of a) the maximum KVA demand in excess of 45 KVA for the current billing or b) 75% of the maximum KVA demand in excess of 45 KVA recorded during the previous eleven months	\$9.67 per KVA of billing demand which is the greater of a) the maximum KVA demand in excess of 45 KVA for the current billing or b) 75% of the maximum KVA demand in excess of 45 KVA recorded during the previous eleven months

Rate Code - 25, 30 and 35

Are subject to the same base rates for consumption and demand as set out in Rate Code 20 with the following discounts:

Appendix 7

ELECTRIC		2014	Effective February 1, 2015
39	Primary Metering	1.5% discount on consumption and demand charges. Customer-owned transformation - 9.0% discount on demand charges only	1.5% discount on consumption and demand charges. Customer-owned transformation - 9.0% discount on demand charges only
Rate Code 25 - General - Primary metered and City owned Transformation			
40	Basic Charge	\$16.17 per billing plus	\$16.99 per billing plus
Energy Charge			
41	First 10,000 kwh per billing	\$0.1285 per kwh	\$0.1351 per kwh
42	Next 90,000 kwh per billing	\$0.1011 per kwh	\$0.1063 per kwh
43	Additional kwh per billing	\$0.0711 per kwh	\$0.0747 per kwh
44	Demand Charge	\$9.05 per KVA of billing demand which is the greater of a) the maximum KVA demand in excess of 45 KVA for the current billing; or b) 75% of the maximum KVA demand in excess of 45 KVA recorded during the previous eleven months	\$9.51 per KVA of billing demand which is the greater of a) the maximum KVA demand in excess of 45 KVA for the current billing; or b) 75% of the maximum KVA demand in excess of 45 KVA recorded during the previous eleven months
Rate Code 30 - General - Secondary metered and customer owned Transformation			
45	Basic Charge	\$16.17 per billing plus	\$16.99 per billing plus
Energy Charge			
46	First 10,000 kwh per billing	\$0.1304 per kwh	\$0.1371 per kwh
47	Next 90,000 kwh per billing	\$0.1027 per kwh	\$0.1080 per kwh
48	Additional kwh per billing	\$0.0720 per kwh	\$0.0757 per kwh
49	Demand Charge	\$8.36 per KVA of billing demand which is the greater of: a) the maximum KVA demand in excess of 45 KVA for the current billing; or b) 75% of the maximum KVA demand in excess of 45 KVA recorded during the previous eleven months	\$8.79 per KVA of billing demand which is the greater of: a) the maximum KVA demand in excess of 45 KVA for the current billing; or b) 75% of the maximum KVA demand in excess of 45 KVA recorded during the previous eleven months
Rate Code 35 - General - Primary metered and customer owned Transformation			
50	Basic Charge	\$16.17 per billing plus	\$16.99 per billing plus
Energy Charge			
51	First 10,000 kwh per billing	\$0.1285 per kwh	\$0.1351 per kwh
52	Next 90,000 kwh per billing	\$0.1011 per kwh	\$0.1063 per kwh
53	Additional kwh per billing	\$0.0710 per kwh	\$0.0747 per kwh

Appendix 7

ELECTRIC		2014	Effective February 1, 2015
54	Demand Charge	\$8.23 per KVA of billing demand which is the greater of: a) the maximum KVA demand in excess of 45 KVA for the current billing; or b) 75% of the maximum KVA demand in excess of 45 KVA recorded during the previous eleven months	\$8.65 per KVA of billing demand which is the greater of: a) the maximum KVA demand in excess of 45 KVA for the current billing; or b) 75% of the maximum KVA demand in excess of 45 KVA recorded during the previous eleven months
Rate Code 45 - General - City Accounts			
55	Energy Charge	\$0.0758 per kwh for all consumption	\$0.0797 per kwh for all consumption
Rate Code 55 - Street Lighting & Other Un-metered Loads			
56	Per fixture watt or volt ampere per billing subject to Section 3.b of Bylaw 2000-36 (Electrical Regulations)	\$0.0846 per fixture watt or volt ampere per billing	\$0.0889 per fixture watt or volt ampere per billing
57	Per watt or volt ampere per billing based on equipment name plate data or customer information, or where data is insufficient, the City will determine by appropriate measurement and calculation what equipment watt or volt ampere loading shall be used for billing purposes.	\$0.1598 per watt	\$0.1680 per watt
58	Monthly minimum charge per fixture or service connection	\$16.17 per billing plus	\$16.99 per billing plus

Note: Any applicable Federal or Provincial taxes are in addition to the above charges. A discount forfeit equal to 10% of the "current charges" (excluding Goods and Services Tax) will result if full payment of current charges is not received. a) on "residential and residential/special services" (rate codes 10 and 15), on or before the expiration of fifteen (15) days after the date of the mailing of the invoices therefore. b) on all other services not included in the definition of "residential or residential/special services" on or before the expiration of twenty-two (22) days after the date of the mailing of the invoices therefore, provided that when the said day falls on Saturday, Sunday, or holiday, the discount shall apply if payment is received on the next succeeding day which is not a holiday. In the event of a partial payment of the current charges on or before the discount date, a proportionate discount shall be allowed.

Basic charges will be applicable to accounts that are disconnected from electric for seasonal or temporary purposes when the electric is being turned off at the account holders request but the account holder(s) is not altering.

Electrical Service Calls

59	Service Call – 1 stop (1 hr. max)	\$200.00	\$200.00
60	Service Call – 2 stops (1.5 hr. max)	\$300.00	\$300.00

Net Metering

Energy Credit – The City will apply a credit for the purchase of power from all City customers generating and transmitting power into the City electrical grid at the appropriate rate code that the City charges for power for the class of the said customer. Furthermore no additional City Fees related to electrical will be applied for participating in the Net Metering program. Customers will be responsible for all on-site costs of their Distribution Generation system including, but not limited to, design, permits, installation, repairs and maintenance.

City Electrical Infrastructure²:

Due to the nature and timing of the various process's involved with the installation of electrical infrastructure a request for refund will be entertained at any time and will require evaluation as to the customer's and/or the Electric Utility's involvement, investment to date and further investment required to complete the works to a stage where they are deemed, by the Operations Manager of the Electrical Utility, to be safe for the public and the customer and have no negative effect on the electrical systems integrity or configuration. Calculation or determination of refund amounts will be completed by the General Manager of the Electrical Utility.

Notes:

Appendix 7

ELECTRIC	2014	Effective February 1,2015
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2. City Electrical Infrastructure is defined as:

- a. Any items related to the City of Penticton Electrical Utility distribution system including but not limited to primary and secondary duct, street lighting and power cables, transformers and associated appurtenances.

Electrical Service Connections

Temporary Service Connection

61	1 Phase up to 200 amps	\$190.00	\$190.00
62	all except 1 phase up to 200 amps	Actual Cost	Actual Cost

Service Relocate

63	1 phase up to 200 amps	\$288.75	\$288.75
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Service Upgrade

64	1 phase up to 200 amps	\$288.75	\$288.75
65	1 phase over 200 amps	Actual Cost	Actual Cost
66	3 phase overhead (all)	Actual Cost	Actual Cost

Service Connection

67	1 phase per unit (200 amps max -includes 1 meter) overhead and underground	\$315.00	\$315.00
68	Additional meters	Actual Cost	Actual Cost
69	1 phase overhead over 200 amps	Actual Cost	Actual Cost
70	3 phase overhead (all)	Actual Cost	Actual Cost
71	1 phase underground over 200 amps	Actual Cost	Actual Cost
72	3 phase underground (all)	Actual Cost	Actual Cost
73	Electrical Utility Ext. Agreement	Actual Cost	Actual Cost
74	Primary Underground Cable	Actual Cost	Actual Cost
75	Terminate and Energize underground - Per lot	Actual Cost	Actual Cost
76	Installation of electrical poles, vaults, road-crossings, etc	Actual Cost	Actual Cost
77	Replace Broken Meter Glass	\$85.00	\$85.00
78	Reseal Electric Meter	\$45.00	\$45.00
79	Electrical Call Out Rate	\$330.00	\$330.00
80	Service Call – 1 stop (1 hr. max)	\$200.00	\$200.00
81	Service Call – 2 stops (1.5 hr. max)	\$300.00	\$300.00
82	AMR Opt Out electric meter use of a digital non radio frequency electric meter	\$105.00 per meter	\$105.00 per meter

Electrical Pole Contacts

83	Telus	\$22.86	\$22.86
84	Shaw Cable	\$19.25	\$19.25
85	Recoverable Sign Installations	Actual Cost	Actual Cost

Appendix 7

ELECTRIC	2014	Effective February 1, 2015
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Alternate 2

Utility Administration Rates

1	Utility credit references (current or recent account)	\$15.75	\$15.75
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3	Utility account history	\$15.75	\$15.75
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26	Illegal reconnection administration charge	\$255.00	\$255.00
27	Utility fee - Leave on Authorized	\$10.20	\$10.20
28	Disconnection from pole (for non-payment)	\$204.00	\$204.00
29	Special Administration charge per service	\$25.50	\$25.50

Electric Rates

Rate Code 10 - Residential

30	Basic Charge	\$16.17 per billing plus	\$16.77 per billing plus
31	Energy Charge	\$0.1111 per kwh for all consumption during the billing period	\$0.1153 per kwh for all consumption during the billing period

Rate Code 15 - Residential/Special Service

32	Basic Charge	\$16.17 per billing plus	\$16.77 per billing plus
33	Energy Charge	\$0.1278 per kwh for all consumption during the billing period	\$0.1325 per kwh for all consumption during the billing period

Rate Code 20 - General - Secondary metered and City owned Transformation

34	Basic Charge	\$16.17 per billing plus	\$16.77 per billing plus
35	Energy Charge: First 10,000 kwh per billing	\$0.1304 per kwh	\$0.1352 per kwh
36	Next 90,000 kwh per billing	\$0.1027 per kwh	\$0.1065 per kwh
37	Additional kwh per billing	\$0.0720 per kwh	\$0.0746 per kwh
38	Demand Charge	\$9.20 per KVA of billing demand which is the greater of a) the maximum KVA demand in excess of 45 KVA for the current billing or b) 75% of the maximum KVA demand in excess of 45 KVA recorded during the previous eleven months	\$9.54 per KVA of billing demand which is the greater of a) the maximum KVA demand in excess of 45 KVA for the current billing or b) 75% of the maximum KVA demand in excess of 45 KVA recorded during the previous eleven months

Rate Code - 25, 30 and 35

Are subject to the same base rates for consumption and demand as set out in Rate Code 20 with the following discounts:

Appendix 7

ELECTRIC		2014	Effective February 1, 2015
39	Primary Metering	1.5% discount on consumption and demand charges. Customer-owned transformation - 9.0% discount on demand charges only	1.5% discount on consumption and demand charges. Customer-owned transformation - 9.0% discount on demand charges only
Rate Code 25 - General - Primary metered and City owned Transformation			
40	Basic Charge	\$16.17 per billing plus	\$16.77 per billing plus
Energy Charge			
41	First 10,000 kwh per billing	\$0.1285 per kwh	\$0.1333 per kwh
42	Next 90,000 kwh per billing	\$0.1011 per kwh	\$0.1048 per kwh
43	Additional kwh per billing	\$0.0711 per kwh	\$0.0737 per kwh
44	Demand Charge	\$9.05 per KVA of billing demand which is the greater of a) the maximum KVA demand in excess of 45 KVA for the current billing; or b) 75% of the maximum KVA demand in excess of 45 KVA recorded during the previous eleven months	\$9.38 per KVA of billing demand which is the greater of a) the maximum KVA demand in excess of 45 KVA for the current billing; or b) 75% of the maximum KVA demand in excess of 45 KVA recorded during the previous eleven months
Rate Code 30 - General - Secondary metered and customer owned Transformation			
45	Basic Charge	\$16.17 per billing plus	\$16.77 per billing plus
Energy Charge			
46	First 10,000 kwh per billing	\$0.1304 per kwh	\$0.1352 per kwh
47	Next 90,000 kwh per billing	\$0.1027 per kwh	\$0.1065 per kwh
48	Additional kwh per billing	\$0.0720 per kwh	\$0.0746 per kwh
49	Demand Charge	\$8.36 per KVA of billing demand which is the greater of: a) the maximum KVA demand in excess of 45 KVA for the current billing; or b) 75% of the maximum KVA demand in excess of 45 KVA recorded during the previous eleven months	\$8.67 per KVA of billing demand which is the greater of: a) the maximum KVA demand in excess of 45 KVA for the current billing; or b) 75% of the maximum KVA demand in excess of 45 KVA recorded during the previous eleven months
Rate Code 35 - General - Primary metered and customer owned Transformation			
50	Basic Charge	\$16.17 per billing plus	\$16.77 per billing plus
Energy Charge			
51	First 10,000 kwh per billing	\$0.1285 per kwh	\$0.1333 per kwh
52	Next 90,000 kwh per billing	\$0.1011 per kwh	\$0.1049 per kwh
53	Additional kwh per billing	\$0.0710 per kwh	\$0.0737 per kwh

Appendix 7

ELECTRIC		2014	Effective February 1, 2015
54	Demand Charge	\$8.23 per KVA of billing demand which is the greater of: a) the maximum KVA demand in excess of 45 KVA for the current billing; or b) 75% of the maximum KVA demand in excess of 45 KVA recorded during the previous eleven months	\$8.53 per KVA of billing demand which is the greater of: a) the maximum KVA demand in excess of 45 KVA for the current billing; or b) 75% of the maximum KVA demand in excess of 45 KVA recorded during the previous eleven months
Rate Code 45 - General - City Accounts			
55	Energy Charge	\$0.0758 per kwh for all consumption	\$0.0786 per kwh for all consumption
Rate Code 55 - Street Lighting & Other Un-metered Loads			
56	Per fixture watt or volt ampere per billing subject to Section 3.b of Bylaw 2000-36 (Electrical Regulations)	\$0.0846 per fixture watt or volt ampere per billing	\$0.0877 per fixture watt or volt ampere per billing
57	Per watt or volt ampere per billing based on equipment name plate data or customer information, or where data is insufficient, the City will determine by appropriate measurement and calculation what equipment watt or volt ampere loading shall be used for billing purposes.	\$0.1598 per watt	\$0.1657 per watt
58	Monthly minimum charge per fixture or service connection	\$16.17 per billing plus	\$16.77 per billing plus

Note: Any applicable Federal or Provincial taxes are in addition to the above charges. A discount forfeit equal to 10% of the "current charges" (excluding Goods and Services Tax) will result if full payment of current charges is not received. a) on "residential and residential/special services" (rate codes 10 and 15), on or before the expiration of fifteen (15) days after the date of the mailing of the invoices therefore. b) on all other services not included in the definition of "residential or residential/special services" on or before the expiration of twenty-two (22) days after the date of the mailing of the invoices therefore, provided that when the said day falls on Saturday, Sunday, or holiday, the discount shall apply if payment is received on the next succeeding day which is not a holiday. In the event of a partial payment of the current charges on or before the discount date, a proportionate discount shall be allowed.

Basic charges will be applicable to accounts that are disconnected from electric for seasonal or temporary purposes when the electric is being turned off at the account holders request but the account holder(s) is not altering.

Electrical Service Calls

59	Service Call – 1 stop (1 hr. max)	\$200.00	\$200.00
60	Service Call – 2 stops (1.5 hr. max)	\$300.00	\$300.00

Net Metering

Energy Credit – The City will apply a credit for the purchase of power from all City customers generating and transmitting power into the City electrical grid at the appropriate rate code that the City charges for power for the class of the said customer. Furthermore no additional City Fees related to electrical will be applied for participating in the Net Metering program. Customers will be responsible for all on-site costs of their Distribution Generation system including, but not limited to, design, permits, installation, repairs and maintenance.

City Electrical Infrastructure²:

Due to the nature and timing of the various process's involved with the installation of electrical infrastructure a request for refund will be entertained at any time and will require evaluation as to the customer's and/or the Electric Utility's involvement, investment to date and further investment required to complete the works to a stage where they are deemed, by the Operations Manager of the Electrical Utility, to be safe for the public and the customer and have no negative effect on the electrical systems integrity or configuration. Calculation or determination of refund amounts will be completed by the General Manager of the Electrical Utility.

Notes:

Appendix 7

ELECTRIC	2014	Effective February 1,2015
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2. City Electrical Infrastructure is defined as:

- a. Any items related to the City of Penticton Electrical Utility distribution system including but not limited to primary and secondary duct, street lighting and power cables, transformers and associated appurtenances.

Electrical Service Connections

Temporary Service Connection

61	1 Phase up to 200 amps	\$190.00	\$190.00
62	all except 1 phase up to 200 amps	Actual Cost	Actual Cost

Service Relocate

63	1 phase up to 200 amps	\$288.75	\$288.75
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Service Upgrade

64	1 phase up to 200 amps	\$288.75	\$288.75
65	1 phase over 200 amps	Actual Cost	Actual Cost
66	3 phase overhead (all)	Actual Cost	Actual Cost

Service Connection

67	1 phase per unit (200 amps max -includes 1 meter) overhead and underground	\$315.00	\$315.00
68	Additional meters	Actual Cost	Actual Cost
69	1 phase overhead over 200 amps	Actual Cost	Actual Cost
70	3 phase overhead (all)	Actual Cost	Actual Cost
71	1 phase underground over 200 amps	Actual Cost	Actual Cost
72	3 phase underground (all)	Actual Cost	Actual Cost
73	Electrical Utility Ext. Agreement	Actual Cost	Actual Cost
74	Primary Underground Cable	Actual Cost	Actual Cost
75	Terminate and Energize underground - Per lot	Actual Cost	Actual Cost
76	Installation of electrical poles, vaults, road-crossings, etc	Actual Cost	Actual Cost
77	Replace Broken Meter Glass	\$85.00	\$85.00
78	Reseal Electric Meter	\$45.00	\$45.00
79	Electrical Call Out Rate	\$330.00	\$330.00
80	Service Call – 1 stop (1 hr. max)	\$200.00	\$200.00
81	Service Call – 2 stops (1.5 hr. max)	\$300.00	\$300.00
82	AMR Opt Out electric meter use of a digital non radio frequency electric meter	\$105.00 per meter	\$105.00 per meter

Electrical Pole Contacts

83	Telus	\$22.86	\$22.86
84	Shaw Cable	\$19.25	\$19.25
85	Recoverable Sign Installations	Actual Cost	Actual Cost

Appendix 7

ELECTRIC	2014	Effective February 1,2015
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Alternate 3

Utility Administration Rates

1	Utility credit references (current or recent account)	\$15.75	\$15.75
2	Archived account	\$26.25	\$26.25
3	Utility account history	\$15.75	\$15.75
4	Interest rate on delinquent utility accounts	10% per annum	10% per annum
5	Special electric meter reading	\$26.25	\$26.25
6	Special electric meter inspection fee	\$26.25	\$26.25

AMR OPT OUT

7	AMR Opt Out manual water meter reading for an individual meter	\$11.00 per meter read	\$11.00 per meter read
8	AMR Opt Out manual combined electric and water meter reading for an individual for an individual meter read	\$13.00 per combined meter read	\$13.00 per combined meter read
9	AMR Opt Out manual water meter reading for a meter bank installation	\$11.00 for the first meter and \$1.00 per read for each additional meter in the meter bank per meter read. The total cost for the electric meter bank read is to be equally split between all customers serviced by the bank meter	\$11.00 for the first meter and \$1.00 per read for each additional meter in the meter bank per meter read. The total cost for the electric meter bank read is to be equally split between all customers serviced by the bank meter
10	AMR Opt Out combined electric and water meter reading for a combined electric and water meter bank installation	\$13.00 for the first meter and \$1.00 per read for each additional meter in the meter bank per meter read. The total cost for the combined electric and water meter bank read is to be equally split between all customers served by the meter bank.	\$13.00 for the first meter and \$1.00 per read for each additional meter in the meter bank per meter read. The total cost for the combined electric and water meter bank read is to be equally split between all customers served by the meter bank.
11	City padlocks	\$20.00	\$20.00
12	City lock boxes (installed by City)	\$63.00	\$63.00
13	City lock boxes (installed by customer)	\$47.25	\$47.25
14	Utility application fee – next day service	\$30.00	\$30.00
15	Utility application fee – same day service (accounts with combined electric and water)	\$90.00	\$90.00
16	Utility application fee (electric only) same day service (accounts that only have electric services)	\$42.00	\$42.00
17	Electric disconnect / re-connect fee (for non payment during City hall hours)	\$68.00	\$68.00
18	Electric disconnect / re-connect fee (for non payment after hours without call-out)	\$97.00	\$97.00
19	Electric disconnect / re-connect fee (for non payment after hours with call-out)	\$319.00	\$319.00
20	Electrical disconnect (customer / agent request during City hall hours)	\$34.00	\$34.00
21	Electrical disconnect (customer / agent request after hours without call-out)	\$63.00	\$63.00

Appendix 7

ELECTRIC		2014	Effective February 1, 2015
22	Electrical disconnect (customer / agent request after hours with call-out)	\$285.00	\$285.00
23	Electrical re-connect (customer / agent request during City hall hours)	\$34.00	\$34.00
24	Electrical re-connect (customer / agent request after hours without call-out)	\$63.00	\$63.00
25	Electrical re-connect (customer / agent request after hours with call-out)	\$285.00	\$285.00
26	Illegal reconnection administration charge	\$255.00	\$255.00
27	Utility fee - Leave on Authorized	\$10.20	\$10.20
28	Disconnection from pole (for non-payment)	\$204.00	\$204.00
29	Special Administration charge per service	\$25.50	\$25.50

Electric Rates

Rate Code 10 - Residential

30	Basic Charge	\$16.17 per billing plus	\$16.88 per billing plus
31	Energy Charge	\$0.1111 per kwh for all consumption during the billing period	\$0.1160 per kwh for all consumption during the billing period

Rate Code 15 - Residential/Special Service

32	Basic Charge	\$16.17 per billing plus	\$16.88 per billing plus
33	Energy Charge	\$0.1278 per kwh for all consumption during the billing period	\$0.1334 per kwh for all consumption during the billing period

Rate Code 20 - General - Secondary metered and City owned Transformation

34	Basic Charge	\$16.17 per billing plus	\$16.88 per billing plus
35	Energy Charge: First 10,000 kwh per billing	\$0.1304 per kwh	\$0.1362 per kwh
36	Next 90,000 kwh per billing	\$0.1027 per kwh	\$0.1072 per kwh
37	Additional kwh per billing	\$0.0720 per kwh	\$0.0751 per kwh
38	Demand Charge	\$9.20 per KVA of billing demand which is the greater of a) the maximum KVA demand in excess of 45 KVA for the current billing or b) 75% of the maximum KVA demand in excess of 45 KVA recorded during the previous eleven months	\$9.60 per KVA of billing demand which is the greater of a) the maximum KVA demand in excess of 45 KVA for the current billing or b) 75% of the maximum KVA demand in excess of 45 KVA recorded during the previous eleven months

Rate Code - 25, 30 and 35

Are subject to the same base rates for consumption and demand as set out in Rate Code 20 with the following discounts:

Appendix 7

ELECTRIC		2014	Effective February 1, 2015
39	Primary Metering	1.5% discount on consumption and demand charges. Customer-owned transformation - 9.0% discount on demand charges only	1.5% discount on consumption and demand charges. Customer-owned transformation - 9.0% discount on demand charges only
Rate Code 25 - General - Primary metered and City owned Transformation			
40	Basic Charge	\$16.17 per billing plus	\$16.88 per billing plus
Energy Charge			
41	First 10,000 kwh per billing	\$0.1285 per kwh	\$0.1342 per kwh
42	Next 90,000 kwh per billing	\$0.1011 per kwh	\$0.1055 per kwh
43	Additional kwh per billing	\$0.0711 per kwh	\$0.0742 per kwh
44	Demand Charge	\$9.05 per KVA of billing demand which is the greater of a) the maximum KVA demand in excess of 45 KVA for the current billing; or b) 75% of the maximum KVA demand in excess of 45 KVA recorded during the previous eleven months	\$9.45 per KVA of billing demand which is the greater of a) the maximum KVA demand in excess of 45 KVA for the current billing; or b) 75% of the maximum KVA demand in excess of 45 KVA recorded during the previous eleven months
Rate Code 30 - General - Secondary metered and customer owned Transformation			
45	Basic Charge	\$16.17 per billing plus	\$16.88 per billing plus
Energy Charge			
46	First 10,000 kwh per billing	\$0.1304 per kwh	\$0.1362 per kwh
47	Next 90,000 kwh per billing	\$0.1027 per kwh	\$0.1072 per kwh
48	Additional kwh per billing	\$0.0720 per kwh	\$0.0751 per kwh
49	Demand Charge	\$8.36 per KVA of billing demand which is the greater of: a) the maximum KVA demand in excess of 45 KVA for the current billing; or b) 75% of the maximum KVA demand in excess of 45 KVA recorded during the previous eleven months	\$8.73 per KVA of billing demand which is the greater of: a) the maximum KVA demand in excess of 45 KVA for the current billing; or b) 75% of the maximum KVA demand in excess of 45 KVA recorded during the previous eleven months
Rate Code 35 - General - Primary metered and customer owned Transformation			
50	Basic Charge	\$16.17 per billing plus	\$16.88 per billing plus
Energy Charge			
51	First 10,000 kwh per billing	\$0.1285 per kwh	\$0.1342 per kwh
52	Next 90,000 kwh per billing	\$0.1011 per kwh	\$0.1056 per kwh
53	Additional kwh per billing	\$0.0710 per kwh	\$0.0742 per kwh

Appendix 7

ELECTRIC		2014	Effective February 1, 2015
54	Demand Charge	\$8.23 per KVA of billing demand which is the greater of: a) the maximum KVA demand in excess of 45 KVA for the current billing; or b) 75% of the maximum KVA demand in excess of 45 KVA recorded during the previous eleven months	\$8.59 per KVA of billing demand which is the greater of: a) the maximum KVA demand in excess of 45 KVA for the current billing; or b) 75% of the maximum KVA demand in excess of 45 KVA recorded during the previous eleven months
Rate Code 45 - General - City Accounts			
55	Energy Charge	\$0.0758 per kwh for all consumption	\$0.0792 per kwh for all consumption
Rate Code 55 - Street Lighting & Other Un-metered Loads			
56	Per fixture watt or volt ampere per billing subject to Section 3.b of Bylaw 2000-36 (Electrical Regulations)	\$0.0846 per fixture watt or volt ampere per billing	\$0.0883 per fixture watt or volt ampere per billing
57	Per watt or volt ampere per billing based on equipment name plate data or customer information, or where data is insufficient, the City will determine by appropriate measurement and calculation what equipment watt or volt ampere loading shall be used for billing purposes.	\$0.1598 per watt	\$0.1668 per watt
58	Monthly minimum charge per fixture or service connection	\$16.17 per billing plus	\$16.88 per billing plus

Note: Any applicable Federal or Provincial taxes are in addition to the above charges. A discount forfeit equal to 10% of the "current charges" (excluding Goods and Services Tax) will result if full payment of current charges is not received. a) on "residential and residential/special services" (rate codes 10 and 15), on or before the expiration of fifteen (15) days after the date of the mailing of the invoices therefore. b) on all other services not included in the definition of "residential or residential/special services" on or before the expiration of twenty-two (22) days after the date of the mailing of the invoices therefore, provided that when the said day falls on Saturday, Sunday, or holiday, the discount shall apply if payment is received on the next succeeding day which is not a holiday. In the event of a partial payment of the current charges on or before the discount date, a proportionate discount shall be allowed.

Basic charges will be applicable to accounts that are disconnected from electric for seasonal or temporary purposes when the electric is being turned off at the account holders request but the account holder(s) is not altering.

Electrical Service Calls

59	Service Call – 1 stop (1 hr. max)	\$200.00	\$200.00
60	Service Call – 2 stops (1.5 hr. max)	\$300.00	\$300.00

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ELECTRIC	2014	Effective February 1, 2015
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- a. Any items related to the City of Penticton Electrical Utility distribution system including but not limited to primary and secondary duct, street lighting and power cables, transformers and associated appurtenances.

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Service Relocate

63	1 phase up to 200 amps	\$288.75	\$288.75
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Service Upgrade

64	1 phase up to 200 amps	\$288.75	\$288.75
65	1 phase over 200 amps	Actual Cost	Actual Cost
66	3 phase overhead (all)	Actual Cost	Actual Cost

Service Connection

67	1 phase per unit (200 amps max -includes 1 meter) overhead and underground	\$315.00	\$315.00
68	Additional meters	Actual Cost	Actual Cost
69	1 phase overhead over 200 amps	Actual Cost	Actual Cost
70	3 phase overhead (all)	Actual Cost	Actual Cost
71	1 phase underground over 200 amps	Actual Cost	Actual Cost
72	3 phase underground (all)	Actual Cost	Actual Cost
73	Electrical Utility Ext. Agreement	Actual Cost	Actual Cost
74	Primary Underground Cable	Actual Cost	Actual Cost
75	Terminate and Energize underground - Per lot	Actual Cost	Actual Cost
76	Installation of electrical poles, vaults, road-crossings, etc	Actual Cost	Actual Cost
77	Replace Broken Meter Glass	\$85.00	\$85.00
78	Reseal Electric Meter	\$45.00	\$45.00
79	Electrical Call Out Rate	\$330.00	\$330.00
80	Service Call – 1 stop (1 hr. max)	\$200.00	\$200.00
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83	Telus	\$22.86	\$22.86
84	Shaw Cable	\$19.25	\$19.25
85	Recoverable Sign Installations	Actual Cost	Actual Cost