

City of Penticton: Financial Plan Reporting Structure

General

Utilities



General Government	Transportation Services	Recreation and Culture	Environmental Health Services	Public Health and Safety	Protective Services	Environmental Development Services	Electrical Supply	Sewer System	Water Utility
Mayor and Council	Transit	Parks	Solid Waste Management	Cemetery	RCMP	Tourism	Electrical Utility	Engineering	Engineering
Corporate Administration	Operations	SOEC			Fire Services	Development Services		AWWTP	WTP
Communications	Fleet	Recreation			Building and License	Development Engineering		Sewer Collection	Water Distribution
Facilities	Roads and Maintenance	Library			Bylaw Enforcement	Planning			
Human Resources	Storm Water	Museum			Dog Control	Economic Development			
Finance	Street Lighting					Land Management			
Information Technology	Traffic Control					Engineering			
Revenue & Collections									
Procurement									
Municipal Grants									

Public Works Engineering Electric Development Services Financial Services Recreation & Culture



Electrical Supply: Electrical



Overview

- The Electric Department is responsible for providing safe, efficient, and reliable electrical service to residential, commercial and industrial customers within the municipal boundaries of the City of Penticton

18,646 active customer accounts
4 substations feeding 21 distribution circuits
4,063 power poles (2,940 wood, 1,123 steel)

2,697 Distribution Transformers
362 kms of overhead power lines
175 kms of Underground cables



2018 Achievements

Electrical

- ✓ Carmi Substation
- ✓ East Lane – 200 Block of Main St.
- ✓ Hospital
- ✓ FortisBC Power Purchase Agreement
- ✓ Electric Utility Bylaw
- ✓ System Reliability Projects
- ✓ CSA Z462 Electrical Safety Training
- ✓ System Improvements & Meter Replacement

Traffic Signal

- ✓ Improvements – Public Safety



2018 Achievements

Unplanned Achievements

Electrical

- ✓ TELUS Pure Fibre & Grew City Fibre
- ✓ Inventory Reductions
- ✓ Meter Audit

Street Lighting

- ✓ Improvements
- ✓ Downtown & Pedestrian Crossings



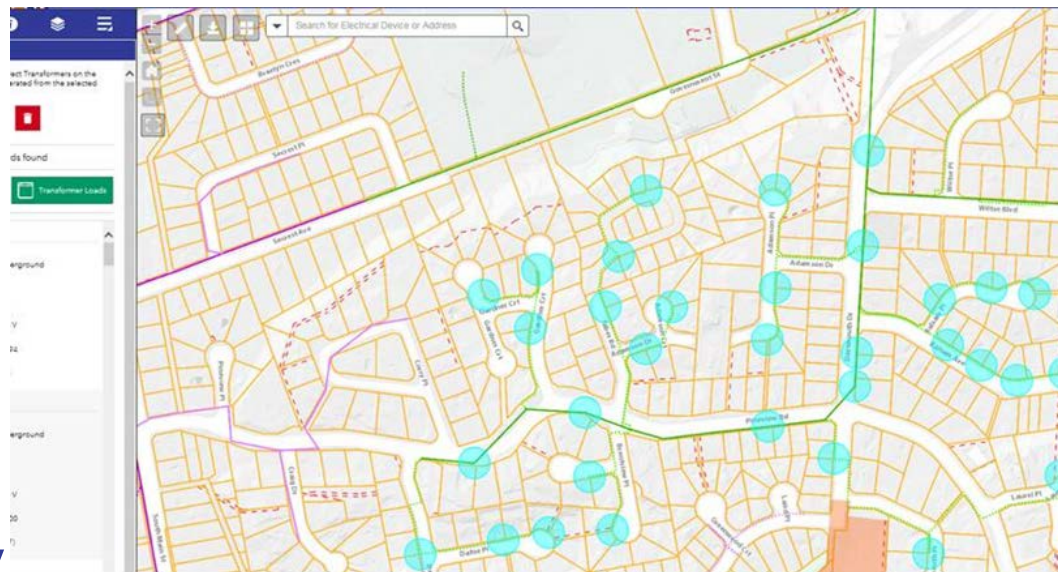
Challenges & Opportunities

Challenges

- ✓ Balancing Demands
- ✓ Public Safety Issues
- ✓ Best Practices

Opportunities

- ✓ Mobile Technology
- ✓ Voltage Conversion
- ✓ Improve Public Safety
- ✓ Geographic Information System



2019 Initiatives

Electrical

- ✓ Complete the 200 Block Main St. East Lane Electrical Rebuild
- ✓ 2019 Voltage Conversion
- ✓ Investigate and report on Power Generation Possibilities

2019 Initiatives

Street Lighting

- ✓ Improve strategic area lighting and pedestrian crossing lighting city wide

Traffic Signals

- ✓ Traffic Detection Devices
- ✓ Replace Obsolete Controllers



Staffing

*Electrical Supply
Electrical*

2018

2019

15

15



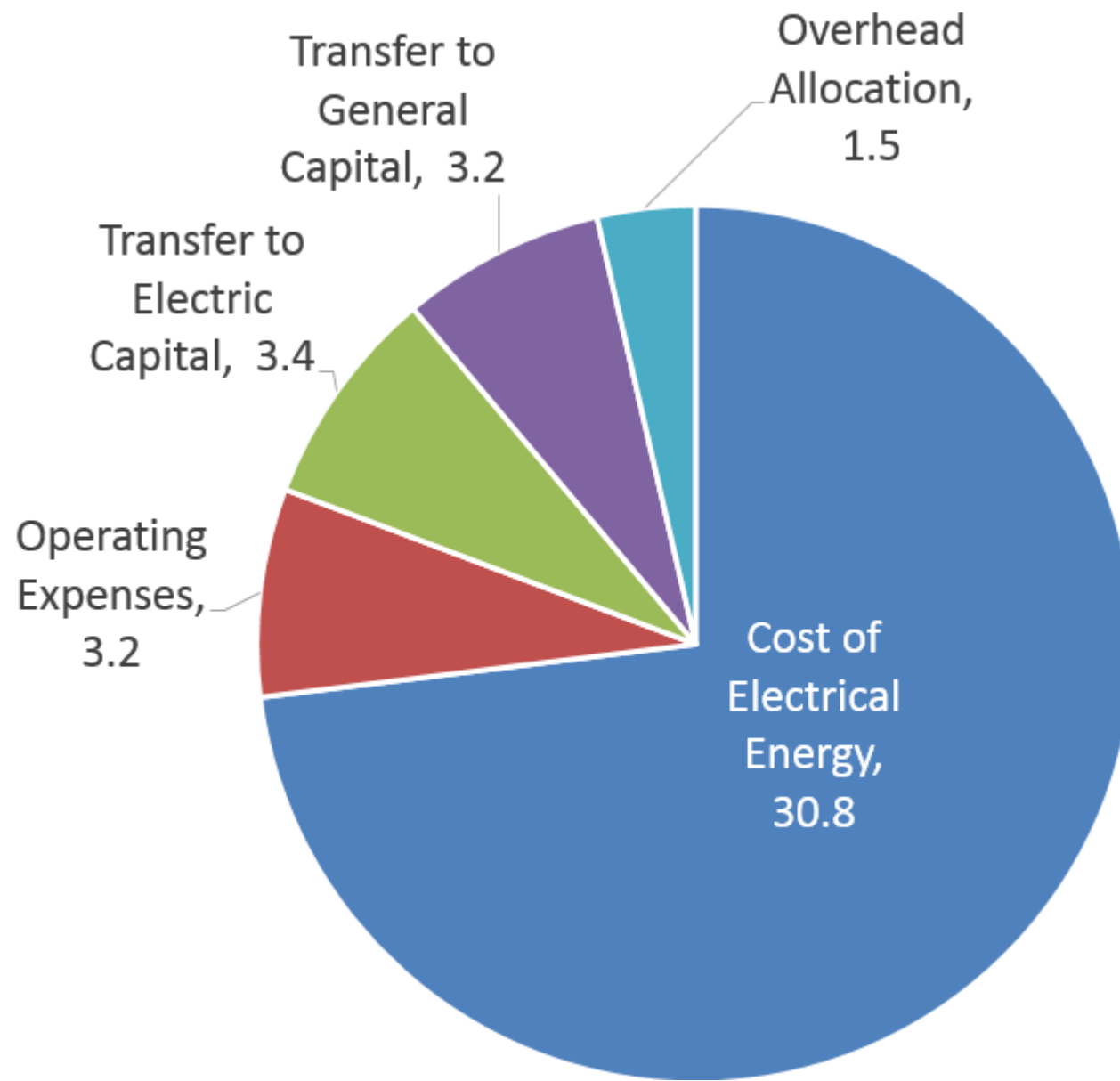
Highlights

	2019 Budget	% change	Trend
Total Revenue	-42,092,690	0.1%	→
Operational Expense	33,613,710	3.9%	↑
Allocations In			
Overhead Allocation	1,524,211		↓
Allocations In/Out - Other	383,851		↑
Total Internal Allocation Out	<u>-12,365</u>		→
Total Expenses	<u>35,509,407</u>		↑
Net Operating Surplus	-6,583,283		↑
Transfer to Capital Reserve	3,417,550		→
General Revenue Capital (Dividend)	<u>3,165,733</u>		→
Balance Electric Operating Fund	0		



2019 Budget

Electrical Supply Electrical



2019 Budget

*Electrical Supply
Electrical*

Expenses	2018 Budget	2018 Forecast	2019 Budget	2020 Budget	2021 Budget	2022 Budget	2023 Budget
Goods and Services	33,826,413	30,899,499	32,077,396	33,457,000	33,829,206	34,810,691	35,973,088
Fleet	76,402	61,902	76,402	76,402	76,402	76,402	76,402
Salaries and Benefits	1,442,886	1,380,203	1,459,912	1,489,292	1,519,266	1,549,844	1,581,040
Revenues	-42,084,311	-42,053,747	-42,092,690	-42,309,910	-42,528,388	-42,748,135	-42,969,161
Total Internal Allocations In	1,841,723	1,855,562	1,908,062	1,746,658	1,707,314	1,712,582	1,716,876
Total Internal Allocations Out	<u>-12,000</u>	<u>-15,500</u>	<u>-12,365</u>	<u>-12,613</u>	<u>-12,865</u>	<u>-13,122</u>	<u>-13,385</u>
Net Operating Surplus	-4,908,887	-7,872,082	-6,583,283	-5,553,171	-5,409,066	-4,611,738	-3,635,140



2018 Capital Budget Overview

*Electrical Supply
Electrical*

Description	Budget
Non-Discretionary	1,365,867
Non-Discretionary - Sustainment	1,812,391
Enhancement	473,780
Departmental Tools	<u>41,200</u>
Total Capital Expense	3,693,238
Recoveries	<u>-1,593,005</u>
Net Capital Expense	2,100,233



2019 Capital Budget – Non-Discretionary *Electrical*

Non-Discretionary		
Description	Budget	Comments
New Services & Service Upgrades*	1,211,818	\$1M+ recovered from Customers
New Underground Subdivisions*	<u>154,049</u>	Fully recovered from Developers
Total	1,365,867	

* Partially preapproved by Council December 5, 2018



2019 Capital Budget - Sustainment

Non-Discretionary Sustainment		
Description	Budget	Comments
Distribution System Rebuild *	1,622,791	E. Lane 200 block Main St. + Volt. Conversion
GIS Implementation	50,000	
Substation Rebuild	100,000	Carmi
Asset Management Software & AMIP Update	<u>39,600</u>	Electrical portion of new asset management software
Total	1,812,391	



* Partially preapproved by Council December 5, 2018



2019 Capital Budget - Enhancement

Enhancement		
Description	Budget	Comments
Supervisory control and data acquisition (SCADA)	53,584	Enabling more field devices for remote control
CIS Software	10,000	Development/ Configuration changes to Electrical billing software
Reliability Improvements	<u>410,196</u>	Conductor Upgrades, Switch replacements & Faulted Circuit Indicator Deployment
Total	473,780	



Overview

Street Lighting & Traffic Control

- In addition to providing safe, efficient, and reliable electrical service to residential, commercial and industrial customers within the municipal boundaries of the City of Penticton
- 15 dedicated employees design, maintain and construct ALL of the street lighting and traffic lighting infrastructure

3, 335 Street Lights (1,471 on steel standards, 1,748 on power poles and 116 on steel traffic poles)

**39 Traffic Signals (32 Full & 7 Half)
191 steel traffic poles
4 Pedestrian Crossing Signals**



Highlights

Transportation Services Street Lighting

	2019 Budget	% change	Trend
Total Revenue	0	0.00%	→
Operational Expense	435,028	100.14%	↑
Total Internal Allocation In	0		→
Total Internal Allocation Out	<u>0</u>		→
Net Operating Expense	435,028		↑
Total Capital	0		→
Cost per Capita	12.89		↑
% of Property Tax	1.30%		↑



2019 Budget

Transportation Services Street Lighting

Expenses	2018 Budget	2018 Forecast	2019 Budget	2020 Budget	2021 Budget	2022 Budget	2023 Budget
Vandalism	3,546	2,750	3,622	3,688	3,755	3,823	3,893
City Parking Lots	1,000	0	1,020	1,036	1,053	1,070	1,088
Light Standard Condition Assessment	15,450	6,550	0	0	0	16,888	17,225
Street Lighting Projects	10,000	54,000	200,000	203,607	207,287	211,040	214,868
Repairs	67,993	33,500	69,625	70,881	72,163	73,470	74,804
Electricity	<u>120,560</u>	<u>120,560</u>	<u>160,761</u>	<u>176,194</u>	<u>193,109</u>	<u>211,648</u>	<u>231,966</u>
Net Operating Expense	218,549	217,360	435,028	455,407	477,367	517,938	543,843



Highlights

Transportation Services Traffic Control

	2019 Budget	% change	Trend
Total Revenue	0	0.00%	→
Operational Expense	114,435	-11.26%	↓
Total Internal Allocation In	0		→
Total Internal Allocation Out	<u>0</u>		→
Net Operating Expense	114,435		↓
Total Capital	445,680		↑
Cost per Capita	3.39		↓
% of Property Tax	0.34%		↓



2019 Budget

Transportation Services Traffic Control

Expenses	2018 Budget	2018 Forecast	2019 Budget	2020 Budget	2021 Budget	2022 Budget	2023 Budget
Annual Condition Assessment	17,922	17,922	18,460	18,829	19,205	19,590	19,981
Vandalism/Hit and Run Damage	2,045	19,300	2,106	2,149	2,192	2,236	2,280
Electricity	12,723	12,723	13,944	15,283	16,750	18,358	20,121
Repairs	<u>78,101</u>	<u>79,010</u>	<u>79,924</u>	<u>81,446</u>	<u>82,999</u>	<u>84,582</u>	<u>86,196</u>
Net Operating Expense	110,791	128,955	114,435	117,707	121,146	124,765	128,578



2019 Capital Budget Overview

*Transportation Services
Traffic Control*

Description	Budget	Comments
Traffic Signals - New Traffic Detection Devices	63,000	2 Intersections/year (15 intersections remaining)
Traffic signalization - Upgrade Controllers	102,680	2 controllers/year (6 complete cabinets and 14 controllers remaining)
Pedestrian Cross Walks *	<u>280,000</u>	Upgrade crosswalks on Gov't Street and Kinney Ave.
Total	445,680	

* Preapproved by Council December 5, 2018



Decision Requests – Operating Budget *Electrical*

- Investigate power generation possibilities at a cost of \$75,000.
- Purchase and install strategic area lighting and to study, prioritize and make improvements to pedestrian crossing lighting to improve safety at a cost of \$200,000/yr for 5-years.



Questions

