

Seattle City Light

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Department Overview

Seattle City Light was created by the residents of Seattle in 1902 to provide affordable, reliable, and environmentally sound electric power to the City of Seattle and neighboring suburbs. Owned by the community it serves, City Light is a nationally recognized leader in energy efficiency, renewable resource development, and environmental stewardship.

City Light provides electric power to approximately 447,000 residential, business, and industrial customers within a 130-square-mile service area. City Light provides power to the City of Seattle and surrounding jurisdictions, including parts of Shoreline, Burien, Tukwila, SeaTac, Lake Forest Park, Renton, Normandy Park, and areas of unincorporated King County.

City Light owns about 2,000 megawatts of very low-cost, environmentally-responsible, hydroelectric generation capacity. In an average year, City Light meets about 50% of its load with hydroelectric facilities that it owns directly and obtains the remainder primarily through the Bonneville Power Administration (BPA). City Light is the nation's tenth largest publicly-owned electric utility in terms of customers served.

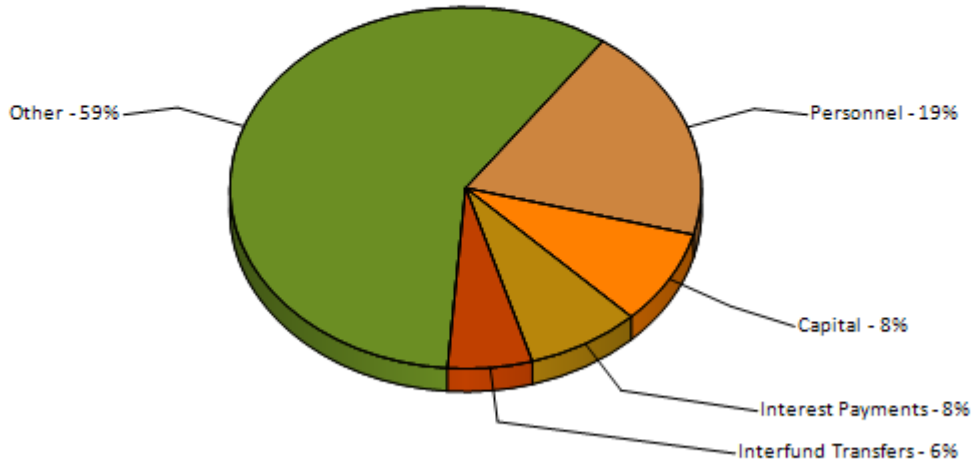
Budget Snapshot

Department Support	2016 Actuals	2017 Adopted	2018 Endorsed	2018 Proposed
Other Funding - Operating	\$1,043,220,482	\$1,051,620,028	\$1,102,879,122	\$1,107,321,972
Total Operations	\$1,043,220,482	\$1,051,620,028	\$1,102,879,122	\$1,107,321,972
Other funding - Capital	\$444,068,094	\$315,249,998	\$296,915,524	\$302,189,018
Total Appropriations	\$1,487,288,576	\$1,366,870,026	\$1,399,794,646	\$1,409,510,990
Full-time Equivalent Total*	1,868.30	1,779.80	1,794.80	1,816.80

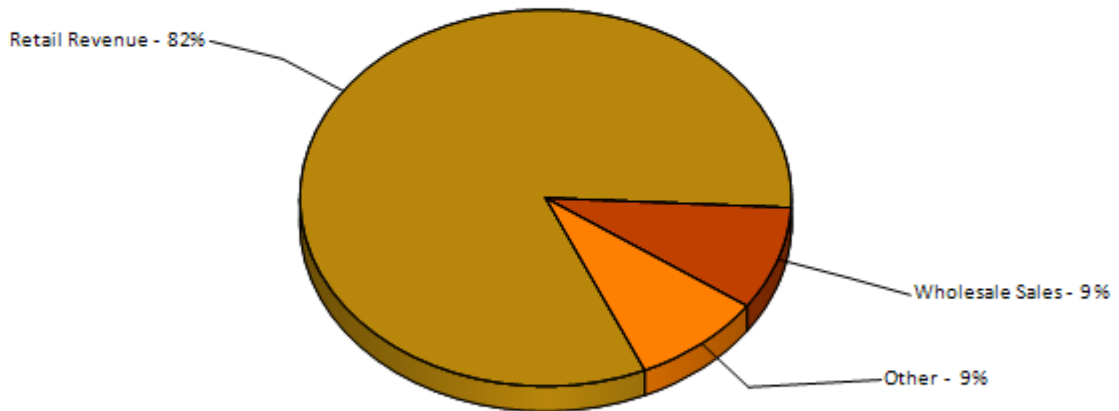
* FTE totals are provided for information purposes only. Changes in FTEs resulting from City Council or Human Resources Director actions outside of the budget process may not be detailed here.

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2018 Proposed Budget - Expenditure by Category



2018 Proposed Budget - Revenue by Category



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Budget Overview

The 2018 Proposed Budget reflects the priorities outlined in the department's 2017-2022 Strategic Plan, and it follows the plan's rate path which increases rates 5.6% in 2018. The proposed changes for 2018 do not vary significantly from the 2018 Endorsed Budget. Adjustments to the endorsed budget address developments in several areas of City Light operations. These include Race and Social Justice Initiative (RSJI) program enhancements; customer-driven capital project changes; Denny substation and network position adds for ongoing work; and position adds for other expanding bodies of work.

In 2018, the department will also submit a new 2019-2024 Strategic Plan. Accompanying the strategic plan will be a two-year rate ordinance that will utilize an updated load forecast methodology. Recent forecasts have not fully captured the impacts of technology advances like LED lighting, or changes in regional weather patterns. Incorporating more breadth and granularity into the analysis that informs the forecast will help City Light set rates as accurately as possible. The new forecast will utilize more advanced weather modeling, and will include a more thorough analysis of customer energy needs.

In the proposed budget, City Light reinforces its commitment to racial equity and diversity by creating a new Division of Diversity, Equity, and Inclusion, and by adding four positions to further the goals outlined in the City's [Race and Social Justice Initiative](#) (RSJI), the City's commitment to eliminate racial disparities and achieve racial equity in Seattle. The new division will focus on coordinating RSJI activities throughout the department and strengthening City Light employee's and management's commitment to RSJI, with the goal of advancing diversity and equity for City Light employees and customers.

The department's capital program budget is approximately \$390 million in 2018. Two noteworthy, large-scale projects will achieve significant milestones in 2018:

- Denny Substation construction began in 2016 and visitors to the site can now see the structure begin to take shape. This new state-of-the-art substation is City Light's first new substation in a generation, and it will provide the necessary capacity to meet load growth in the South Lake Union region. The substation is expected to be energized and fully operational in the summer of 2018.
- The Advanced Metering Initiative (AMI) project began the lengthy process of installing new meters in July. Meter installations are expected to be completed by the end of 2018. The benefits of the project are that customers will be able to make better-informed choices around how they use energy; City Light will provide better customer service through faster outage detection and restoration; billing will be more accurate, as the number of estimated bills will be greatly reduced; and approximately 72 tons of vehicle carbon emissions per year will be reduced, as meter readers no longer need to travel to customer dwellings or facilities.

For more detailed information on the capital program, please see the 2018-2023 Proposed Capital Improvement Program (CIP) Budget book.

To support the capital program and other eligible City Light costs, the 2018 Proposed Budget anticipates a 2018 bond issue of approximately \$275 million.

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Incremental Budget Changes

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	2018	
	Budget	FTE
Total 2018 Endorsed Budget	\$ 1,399,794,646	1,794.80
Baseline Changes		
Citywide Adjustments for Standard Cost Changes	-\$ 737,086	0.00
Technical Adjustment - Align Budget and FTEs with 2017 Reorganization	\$ 0	0.00
Proposed Changes		
Race and Social Justice / Equity Position Adds	\$ 195,346	4.00
Customer-Driven Capital Project Changes	\$ 12,000,000	3.00
Denny Substation and Network Position Adds	\$ 1,616,747	11.00
Position Adds for Expanding Bodies of Work	\$ 235,561	4.00
Technical Adjustments	\$ 3,653,681	0.00
Annual Capital Program Spending Adjustments	-\$ 7,247,905	0.00
Total Incremental Changes	\$ 9,716,344	22.00
2018 Proposed Budget	\$ 1,409,510,990	1,816.80

Descriptions of Incremental Budget Changes

Baseline Changes

Citywide Adjustments for Standard Cost Changes - (\$737,086)

Citywide technical adjustments made in the baseline phase reflect changes to internal services costs, health care, and industrial insurance charges for the department. These adjustments reflect initial assumptions about these costs and inflators early in the budget process.

Technical Adjustment - Align Budget and FTEs with 2017 Reorganization

This net-zero adjustment transfers appropriation authority and FTEs between BCLs to align org units with the new, reorganized department structure that was put in place in the 2017 Adopted and 2018 Endorsed Budget. The Fleets and Shops functions are moved from the Power Management and Strategic Planning BCL to the Transmission and Distribution BCL, and the Solar Incentives Payment program is moved from the Taxes BCL to the Power Management & Strategic Planning O&M BCL.

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Proposed Changes

Race and Social Justice / Equity Position Adds - \$195,346/4.00 FTE

City Light is adding resources to further the goals outlined in the City's Race and Social Justice Initiative (RSJI), the City's commitment to eliminate racial disparities and achieve racial equity in Seattle. An evaluation of the department's RSJI programs and a comparison to other utilities, including Seattle Public Utilities and the Los Angeles Department of Water and Power, highlighted opportunities to make City Light's equity programs more robust. The department currently has two full-time and two part-time employees working on equity-related issues. The proposed budget converts the two part-time staff members to full time, and adds two new positions.

The two conversions are for an environmental equity advisor that works with project managers, interdepartmental teams, and community representatives to advance equity and environmental justice with City Light projects, programs, policies and services; and a performance analyst that works on WMBE, Benchmarking and Best Practices, and Business Case Process issues.

The two new positions are a director of equity integration and a succession planner. In reinforcing its commitment to racial equity and diversity, City Light is creating a new Division of Diversity, Equity, and Inclusion. Both new positions will be located here. The director will oversee and coordinate RSJI activities and strengthen City Light employee's and management's commitment to RSJI, with the goal of advancing diversity and equity for City Light employees and customers.

The succession and equity planner will focus internally, documenting impending retirements across the utility. Fifty percent of City Light's workforce is eligible for retirement in the next five years. The succession planner will use a racial equity lens to develop and implement a workforce succession plan, and will mentor and train existing City employees to fill the vacant positions or follow pathways into more senior positions.

Customer-Driven Capital Project Changes - \$12,000,000/3.00 FTE

Instead of installing additional poles in the public right-of-way, telecommunications companies may install their cables and other equipment on City Light poles. In accordance with Federal, State and local rules, City Light allows these attachments, provided there is enough room on the poles, and that the telecommunications companies pay 100% of the cost to make the attachment, plus annual rental fees. Requests for these pole attachments began steadily increasing in 2016. After averaging attachments to 5,000 poles for several years, 2016 attachments increased to 10,000 poles, and the forecast for 2017 and 2018 is for 15,000 poles. In the first and second quarter supplemental budgets of 2017, 7.0 new FTEs and \$10 million were added to the budget to address the increase. The proposed budget provides ongoing funding for this work. With this funding, City Light expects to reduce the backlog of applications and to bring the "application to permit" process time, which was 250 days at the beginning of 2017, down to the FCC-recommended 120 days.

Requests for customer electrical service connections have also been trending upward for five years now and are currently twice the level they were in 2012. Staffing levels, however, have remained the same, causing delays to customer-driven projects. With the increase in requests, City Light has been unable to achieve their goal of sending the service letter, which provides instructions and standards for customer equipment installations required for the service connection, in 30 days. The proposed budget adds two Electrical Engineer Associates and one Civil Engineering Specialist Associate to the existing electrical service connection staff of 22 FTEs to reduce the backlog of connection requests and to achieve the goal of customers receiving the service letter 30 days after their initial construction meeting with City Light staff.

Denny Substation and Network Position Adds - \$1,616,747/11.00 FTE

Two projects related to the Denny Substation require new staffing to service and maintain the new equipment

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once it is operational. The first is the new electrical substation itself. The new Denny Substation is larger than typical City Light substations and utilizes state-of-the-art equipment. City Light currently has approximately 63 employees operating and maintaining their 15 existing substations. These staffing levels are not sufficient to support the addition of the Denny Substation. The proposed budget adds three Electrician Constructors and one Electrician Crew Chief to the substation team to accommodate the additional workload. The substation will be fully energized and operational in the summer of 2018.

With the addition of the Denny Substation serving South Lake Union and the surrounding area, the network service territory will grow by 35%. This growth includes seven to eight additional miles of duct bank, 400 more network transformers and protectors, and over 150 new service vaults feeding the buildings of South Lake Union and the Denny Triangle. Approximately 65 FTEs currently service and maintain the network service territory. The proposed budget adds five Cable Splicers and two Cable Splicer Crew Chiefs. These additional FTEs are critical for City Light to maintain a high level of service and reliability to customers in the network service territories.

Position Adds for Expanding Bodies of Work - \$235,561/4.00 FTE

The proposed budget adds resources in several areas where the body of work has expanded. One FTE is added in each of the following areas: dam safety, environmental compliance and real property, return to work coordination, and policy analysis.

The Federal Energy Regulatory Commission, the regulatory authority for the Skagit, Boundary, and South Fork Tolt River hydro projects, increased regulatory requirements after the recent discovery of a 65-foot crack in the Wanapum Dam (Columbia River). To address the additional requirements in performance, reliability, accessibility, safety, and durability, and to continue to meet licensing mandates, the department is adding a sixth dam safety engineer.

A new director-level position is needed in the Environmental Management and Compliance and Real Estate units to provide oversight and policy guidance. These units are responsible for homeless shelters and encampments, encroachments, property sales, environmental compliance, superfund clean-up, and right-of-way encroachments, all of which are experiencing higher-than-normal levels of activity. Additionally, the Chief Environmental Officer, who has historically been responsible for overseeing these activities, has recently taken on additional duties in the areas of environmental and energy policy at the regional and national level; hydro licensing; and climate mitigation and adaptation. The new director position, currently filled by temporary staff, will provide much needed leadership in these areas critical to the successful operation of the utility.

A temporary return-to-work coordinator was added two years ago, and the proposed budget converts the position, which is the only dedicated staff assigned to the return-to-work program, to full time. Adding this resource to process claims more quickly, work with medical providers to better understand the individual cases and the medical process, and identify light duty work assignments for injured staff, has significantly reduced the department's workers comp costs, and has reduced the average return-to-work time from approximately 90 days to 35 days.

Lastly, the department adds a senior policy advisor to the General Manager's Office to provide strategic planning, policy development and managerial support to senior staff, including City Light's General Manager and the Chief of Staff, and to the City's elected officials. The advisor will develop and implement policies, programs, legislation, contracts, and will draft communication materials as needed. They will also develop the Executive Decision Agenda - a tool to identify and evaluate the major programs and initiatives of City Light business units - for the Executive Team (Officers) and the Leadership Team (Directors). Finally, the advisor will reach out to other City departments and explore opportunities to develop and implement cross-departmental initiatives.

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Technical Adjustments - \$3,653,681

Changes reflected in this category include adjustments within or between Budget Control Levels that align funding with spending requirements; corrections to baseline adjustments made during Executive phase; and other technical changes to staffing and program funding requirements. These changes are considered technical in nature because they do not significantly affect approved department service delivery or require new or additional policy decisions.

Annual Capital Program Spending Adjustments - (\$7,247,905)

This adjustment reflects year-to-year changes in CIP spending for existing projects outlined in the Strategic Plan and the 2017-2022 Adopted CIP budget. For a summary of City Light's capital program and more detail on project-level changes, please see the 2018-2023 Proposed CIP budget.

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Expenditure Overview

Appropriations	Summit Code	2016 Actuals	2017 Adopted	2018 Endorsed	2018 Proposed
Capital					
Customer Focused - CIP Budget Control Level	SCL370	107,632,886	93,426,947	98,438,816	93,130,550
Financial Services - CIP Budget Control Level	SCL550	13,491,781	8,633,328	6,204,070	4,163,560
Power Supply & Environmental Affairs - CIP Budget Control Level	SCL250	118,179,614	70,819,756	93,580,296	93,905,434
Transmission and Distribution - CIP Budget Control Level	SCL360	204,763,814	142,369,967	98,692,342	110,989,474
General Expense					
Debt Service Budget Control Level	SCL810	202,954,491	213,372,652	227,317,057	227,317,057
General Expenses Budget Control Level	SCL800	104,319,583	104,814,529	106,652,643	106,835,662
Taxes Budget Control Level	SCL820	85,443,819	94,370,522	98,774,281	98,774,281
Operations and Maintenance					
Administrative Services O&M Budget Control Level	SCL400	9,825,148	9,322,211	9,684,950	15,027,767
Compliance and Security Budget Control Level	SCL900	5,126,492	0	0	0
Conservation Resources and Environmental Affairs O&M Budget Control Level	SCL220	92,510,853	0	0	0
Customer Service, Communications and Regulatory Affairs Budget Control Level	SCL110	0	43,565,482	45,448,991	93,579,227
Customer Services Budget Control Level	SCL320	33,473,902	0	0	0
Distribution Services Budget Control Level	SCL310	86,371,300	0	0	0
Engineering and Technology Innovation O&M Budget Control Level	SCL910	0	23,434,009	24,454,084	24,331,728
Environmental Affairs O&M Budget Control Level	SCL230	0	14,900,786	15,095,298	15,084,791
Financial Services - O&M Budget Control Level	SCL500	49,408,859	53,644,396	57,385,820	57,479,651
Generation Operations and Engineering O&M Budget	SCL610	0	23,288,606	23,842,980	23,788,029

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Control Level

Office of Superintendent Budget Control Level	SCL100	3,666,815	0	0	0
Power Management and Strategic Planning O&M Budget Control Level	SCL730	0	70,981,644	78,293,800	16,295,977
Power Supply O&M Budget Control Level	SCL210	56,946,968	0	0	0
Transmission and Distribution O&M Budget Control Level	SCL330	0	60,446,782	64,420,747	77,299,331

Power Purchase

Long-Term Purchased Power Budget Control Level	SCL720	292,554,039	299,074,369	311,102,350	311,102,350
Short-Term Purchased Power Budget Control Level	SCL710	20,618,212	40,404,040	40,406,121	40,406,121
Department Total		1,487,288,576	1,366,870,026	1,399,794,646	1,409,510,990

Department Full-time Equivalents Total*		1,868.30	1,779.80	1,794.80	1,816.80
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** FTE totals are provided for information purposes only. Changes in FTEs resulting from City Council or Human Resources Director actions outside of the budget process may not be detailed here.*

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Revenue Overview

2018 Estimated Revenues

Summit Code	Source	2016 Actuals	2017 Adopted	2018 Endorsed	2018 Proposed
431010	Operating Grants	2,529,477	0	0	0
431200	BPA Payments for Conservation Deferred	9,256,295	2,500,000	0	10,000,000
443250	Other O&M Revenue	6,704,616	7,825,767	7,904,025	7,904,025
443250	Revenue From Damage	512,960	1,676,449	1,693,214	1,693,214
443345	BPA Credit for South Fork Tolt	3,272,563	3,122,722	2,961,495	3,163,145
443380	Account Change Fees	1,858,770	1,568,631	1,584,317	1,584,317
443380	Construction & Miscellaneous Charges	91,496	195,938	197,897	197,897
443380	Late Payment Fees	2,855,791	3,886,649	3,925,515	3,925,515
443380	Pole Attachments	2,632,386	2,382,627	2,406,454	2,406,454
443380	Property Rentals	2,513,061	2,628,785	2,655,072	2,655,072
443380	Reconnect Charges	434,853	1,133,635	1,144,971	1,144,971
443380	Transmission Attach. & Cell Sites	1,669,512	1,467,564	1,482,240	1,482,240
443380	Water Heater & Miscellaneous Rentals	159,612	160,743	162,350	162,350
461100	Federal Subsidies of Interest Payments on Debt	5,454,367	5,970,262	5,970,262	5,970,262
461100	Interest Earnings	7,341,549	7,985,561	7,834,446	8,425,449
461100	Sale of Property, Material & Equip.	403,441	0	0	0
462900	North Mountain Substation (Snohomish PUD)	247,791	415,980	420,145	416,386
462900	Transmission Sales	3,366,713	3,000,000	3,000,000	3,000,000
473010	Capital Fees and Grants	528,476	108,467	110,600	110,600
482000	Contributions in Aid of Construction	35,901,334	40,131,952	31,140,797	36,882,215
482000	Suburban Undergrounding	679,261	1,445,389	1,519,338	1,503,262
	Total Other	88,414,324	87,607,121	76,113,138	92,627,374
443310	Energy Sales to Customers	775,550,482	848,930,382	898,866,356	879,759,171
443310	Seattle Green Power/GreenUp/Community Solar	1,315,847	1,534,974	1,571,420	1,571,420
	Total Retail Revenue	776,866,329	850,465,356	900,437,776	881,330,591
443310	Sales from Priest Rapids	2,427,326	2,326,968	2,190,140	1,989,728
443345	Article 49 Sale to Pend Oreille Country	2,159,474	2,061,552	2,110,411	2,124,725
443345	Basis Sales	454,436	999,996	1,000,000	1,000,000
443345	Other Power Related Services	6,736,120	5,378,966	4,608,994	5,557,500
443345	Surplus Energy Sales	74,631,892	84,456,686	84,456,686	84,456,686

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Total Wholesale Sales		86,409,248	95,224,168	94,366,231	95,128,639
Total Revenues		951,689,901	1,033,296,645	1,070,917,145	1,069,086,604
379100	Use of (contribution to) Fund Balance	535,598,675	333,573,381	328,877,501	340,424,386
Total Transfers		535,598,675	333,573,381	328,877,501	340,424,386
Total Resources		1,487,288,576	1,366,870,026	1,399,794,646	1,409,510,990

Appropriations By Budget Control Level (BCL) and Program

Customer Focused - CIP Budget Control Level

The purpose of the Customer Focused - CIP Budget Control Level is to provide for the capital costs of customer service connections, meters, and other customer-driven projects, including large inter-agency projects requiring utility services or relocations. This Budget Control Level supports capital projects identified in the department's Capital Improvement Plan.

Program Expenditures	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Customer Focused - CIP	107,632,886	93,426,947	98,438,816	93,130,550
Total	107,632,886	93,426,947	98,438,816	93,130,550
Full-time Equivalents Total*	132.32	132.32	132.32	56.82

* FTE totals are provided for information purposes only. Changes in FTEs resulting from City Council or Human Resources Director actions outside of the budget process may not be detailed here.

Financial Services - CIP Budget Control Level

The purpose of the Financial Services - CIP Budget Control Level is to provide for the capital costs of rehabilitation and replacement of the utility's financial systems and information technology infrastructure, and the development and implementation of large software applications. This Budget Control Level supports capital projects identified in the department's Capital Improvement Plan.

Program Expenditures	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Financial Services - CIP	13,491,781	8,633,328	6,204,070	4,163,560
Total	13,491,781	8,633,328	6,204,070	4,163,560
Full-time Equivalents Total*	10.71	10.71	10.71	10.71

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Power Supply & Environmental Affairs - CIP Budget Control Level

The purpose of the Power Supply & Environmental Affairs - CIP Budget Control Level is to provide for the capital costs of maintaining the physical generating plant and associated power license and regulatory requirements. This Budget Control Level supports capital projects identified in the department's Capital Improvement Plan.

	2016	2017	2018	2018
Program Expenditures	Actuals	Adopted	Endorsed	Proposed
Power Supply & Environmental Affairs - CIP	118,179,614	70,819,756	93,580,296	93,905,434
Total	118,179,614	70,819,756	93,580,296	93,905,434
Full-time Equivalents Total*	73.26	73.26	73.26	73.26

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Transmission and Distribution - CIP Budget Control Level

The purpose of the Transmission and Distribution - CIP Budget Control Level is to provide for the capital costs of installation, major maintenance, rehabilitation, and replacement of transmission lines, substations, distribution feeders, transformers, and other elements of the utility's transmission and distribution systems. This Budget Control Level supports capital projects identified in the department's Capital Improvement Plan.

	2016	2017	2018	2018
Program Expenditures	Actuals	Adopted	Endorsed	Proposed
Transmission and Distribution - CIP	204,763,814	142,369,967	98,692,342	110,989,474
Total	204,763,814	142,369,967	98,692,342	110,989,474
Full-time Equivalents Total*	158.06	158.06	158.06	158.06

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Debt Service Budget Control Level

The purpose of the Debt Service Budget Control Level is to meet principal repayment and interest obligations on funds borrowed to meet City Light's capital expenditure requirements.

	2016	2017	2018	2018
Program Expenditures	Actuals	Adopted	Endorsed	Proposed
Debt Service - BCL	202,954,491	213,372,652	227,317,057	227,317,057
Total	202,954,491	213,372,652	227,317,057	227,317,057

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General Expenses Budget Control Level

The purpose of the General Expenses Budget Control Level is to provide for the general expenses of the utility that, for the most part, are not directly attributable to a specific organizational unit. These expenditures include insurance, bond issue costs, bond maintenance fees, audit costs, Law Department legal fees, external legal fees, employee benefits (medical and retirement costs), industrial insurance costs, general claims costs, and services provided by the City's internal services departments through the central cost allocation mechanism.

	2016	2017	2018	2018
Program Expenditures	Actuals	Adopted	Endorsed	Proposed
General Expenses	104,319,583	104,814,529	106,652,643	106,835,662
Total	104,319,583	104,814,529	106,652,643	106,835,662

Taxes Budget Control Level

The purpose of the Taxes Budget Control Level is to pay City Light's legally required tax payments for state, city, and local jurisdictions. This Budget Control Level includes funding for franchise contract payments negotiated with local jurisdictions in City Light's service territory.

	2016	2017	2018	2018
Program Expenditures	Actuals	Adopted	Endorsed	Proposed
Taxes	85,443,819	94,370,522	98,774,281	98,774,281
Total	85,443,819	94,370,522	98,774,281	98,774,281

Administrative Services O&M Budget Control Level

The purpose of the Administrative Services Budget Control Level is to provide employee and management support services, including safety programs, organizational development, training, personnel, and labor relations.

	2016	2017	2018	2018
Program Expenditures	Actuals	Adopted	Endorsed	Proposed
Administrative Services O&M	9,825,148	9,322,211	9,684,950	15,027,767
Total	9,825,148	9,322,211	9,684,950	15,027,767
Full-time Equivalents Total*	57.50	57.00	57.00	91.17

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Compliance and Security Budget Control Level

The purpose of the Compliance and Security Budget Control Level is to monitor compliance with federal electric reliability standards and secure critical utility infrastructure.

Program Expenditures	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Compliance and Security	5,126,492	0	0	0
Total	5,126,492	0	0	0
Full-time Equivalents Total*	17.50	0.00	0.00	0.00

* FTE totals are provided for information purposes only. Changes in FTEs resulting from City Council or Human Resources Director actions outside of the budget process may not be detailed here.

Conservation Resources and Environmental Affairs O&M Budget Control Level

The purpose of the Conservation Resources and Environmental Affairs O&M Budget Control Level is to design and implement demand-side conservation measures that offset the need for additional generation resources, and to help the utility generate and deliver energy in an environmentally responsible manner. This Budget Control Level also supports the utility's renewable resource development programs.

Program Expenditures	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Conservation Resources and Environmental Affairs O&M	92,510,853	0	0	0
Total	92,510,853	0	0	0
Full-time Equivalents Total*	116.50	0.00	0.00	0.00

* FTE totals are provided for information purposes only. Changes in FTEs resulting from City Council or Human Resources Director actions outside of the budget process may not be detailed here.

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Customer Service, Communications and Regulatory Affairs Budget Control Level

The purpose of the Customer Service, Communications, and Regulatory Affairs Budget Control Level is to provide customer services and communications, to implement demand-side conservation measures that offset the need for additional generation resources, and to monitor compliance with federal electric reliability standards and secure critical utility infrastructure. Customer services include metering, billing, account management, and support for customer information systems. The utility's General Manager and government affairs functions are also included in this Budget Control Level.

	2016	2017	2018	2018
Program Expenditures	Actuals	Adopted	Endorsed	Proposed
Customer Service, Communications and Regulatory Affairs	0	43,565,482	45,448,991	93,579,227
Total	0	43,565,482	45,448,991	93,579,227
Full-time Equivalents Total*	0.00	264.89	264.89	341.39

* FTE totals are provided for information purposes only. Changes in FTEs resulting from City Council or Human Resources Director actions outside of the budget process may not be detailed here.

Customer Services Budget Control Level

The purpose of the Customer Services Budget Control Level is to provide customer services. These include metering, billing, account management, and support for customer information systems.

	2016	2017	2018	2018
Program Expenditures	Actuals	Adopted	Endorsed	Proposed
Customer Services	33,473,902	0	0	0
Total	33,473,902	0	0	0
Full-time Equivalents Total*	210.75	0.00	0.00	0.00

* FTE totals are provided for information purposes only. Changes in FTEs resulting from City Council or Human Resources Director actions outside of the budget process may not be detailed here.

Seattle City Light

Distribution Services Budget Control Level

The purpose of the Distribution Services Budget Control Level is to provide reliable electricity to customers through operation and maintenance of City Light's overhead and underground distribution systems, substations, and transmission systems.

Program Expenditures	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Distribution Services	86,371,300	0	0	0
Total	86,371,300	0	0	0
Full-time Equivalents Total*	587.04	0.00	0.00	0.00

* FTE totals are provided for information purposes only. Changes in FTEs resulting from City Council or Human Resources Director actions outside of the budget process may not be detailed here.

Engineering and Technology Innovation O&M Budget Control Level

The purpose of the Engineering and Technology Innovation Budget Control Level is to provide engineering and leadership on emerging utility technology, asset management, transportation electrification, solar, and other technologies. The energy delivery engineering and asset management functions are also included in this Budget Control Level.

Program Expenditures	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Engineering and Technology Innovation O&M	0	23,434,009	24,454,084	24,331,728
Total	0	23,434,009	24,454,084	24,331,728
Full-time Equivalents Total*	0.00	212.00	216.00	219.00

* FTE totals are provided for information purposes only. Changes in FTEs resulting from City Council or Human Resources Director actions outside of the budget process may not be detailed here.

Environmental Affairs O&M Budget Control Level

The purpose of the Environmental Affairs O&M Budget Control Level is to help the utility generate and deliver energy in an environmentally responsible manner. This Budget Control Level also supports the utility's renewable resource development programs, hydro relicensing, and real estate.

Program Expenditures	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Environmental Affairs O&M	0	14,900,786	15,095,298	15,084,791
Total	0	14,900,786	15,095,298	15,084,791
Full-time Equivalents Total*	0.00	48.00	49.00	51.00

* FTE totals are provided for information purposes only. Changes in FTEs resulting from City Council or Human Resources Director actions outside of the budget process may not be detailed here.

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Financial Services - O&M Budget Control Level

The purpose of the Financial Services - O&M Budget Control Level is to manage the utility's financial health through planning, risk mitigation, and provision of information to make financial decisions. Information technology services are also provided through this Budget Control Level to support systems and applications used throughout the utility.

	2016	2017	2018	2018
Program Expenditures	Actuals	Adopted	Endorsed	Proposed
Financial Services - O&M	49,408,859	53,644,396	57,385,820	57,479,651
Total	49,408,859	53,644,396	57,385,820	57,479,651
Full-time Equivalents Total*	198.45	77.09	79.09	81.09

* FTE totals are provided for information purposes only. Changes in FTEs resulting from City Council or Human Resources Director actions outside of the budget process may not be detailed here.

Generation Operations and Engineering O&M Budget Control Level

The purpose of the Generation Operations and Engineering Budget Control Level is to provide power to City Light customers by engineering and operating the power production facilities in a clean, safe, efficient, and reliable manner. The utility's power production engineering and generation operations are included in this Budget Control Level.

	2016	2017	2018	2018
Program Expenditures	Actuals	Adopted	Endorsed	Proposed
Generation Operations and Engineering O&M	0	23,288,606	23,842,980	23,788,029
Total	0	23,288,606	23,842,980	23,788,029
Full-time Equivalents Total*	0.00	176.89	176.89	177.89

* FTE totals are provided for information purposes only. Changes in FTEs resulting from City Council or Human Resources Director actions outside of the budget process may not be detailed here.

Office of Superintendent Budget Control Level

The purpose of the Office of the Superintendent Budget Control Level is to provide leadership and broad departmental policy direction to deliver reliable electric power and maintain the financial health of the utility. The utility's communications and governmental affairs functions are included in this Budget Control Level.

	2016	2017	2018	2018
Program Expenditures	Actuals	Adopted	Endorsed	Proposed
Office of Superintendent	3,666,815	0	0	0
Total	3,666,815	0	0	0
Full-time Equivalents Total*	21.75	0.00	0.00	0.00

* FTE totals are provided for information purposes only. Changes in FTEs resulting from City Council or Human Resources Director actions outside of the budget process may not be detailed here.

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Power Management and Strategic Planning O&M Budget Control Level

The purpose of the Power Management and Strategic Planning O&M Budget Control Level is to provide electric power for City Light customers; to support the power marketing operations of the utility; and to provide utility-wide support services such as shops, real estate, fleet, and facility management services.

	2016	2017	2018	2018
Program Expenditures	Actuals	Adopted	Endorsed	Proposed
Power Management and Strategic Planning O&M	0	70,981,644	78,293,800	16,295,977
Total	0	70,981,644	78,293,800	16,295,977
Full-time Equivalents Total*	0.00	135.74	140.74	44.66

* FTE totals are provided for information purposes only. Changes in FTEs resulting from City Council or Human Resources Director actions outside of the budget process may not be detailed here.

Power Supply O&M Budget Control Level

The purpose of the Power Supply O&M Budget Control Level is to provide clean, safe, economic, efficient, reliable sources of electric power for City Light customers. This Budget Control Level supports the power generation and power marketing operations of the utility. Utility-wide support services such as shops, real estate, fleet, and facility management services are also included in this Budget Control Level.

	2016	2017	2018	2018
Program Expenditures	Actuals	Adopted	Endorsed	Proposed
Power Supply O&M	56,946,968	0	0	0
Total	56,946,968	0	0	0
Full-time Equivalents Total*	284.46	0.00	0.00	0.00

* FTE totals are provided for information purposes only. Changes in FTEs resulting from City Council or Human Resources Director actions outside of the budget process may not be detailed here.

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Transmission and Distribution O&M Budget Control Level

The purpose of the Transmission and Distribution O&M Budget Control Level is to provide reliable electricity to customers through operation and maintenance of City Light's overhead and underground distribution systems, substations, and transmission systems.

Program Expenditures	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Transmission and Distribution O&M	0	60,446,782	64,420,747	77,299,331
Total	0	60,446,782	64,420,747	77,299,331
Full-time Equivalents Total*	0.00	433.84	436.84	511.75

* FTE totals are provided for information purposes only. Changes in FTEs resulting from City Council or Human Resources Director actions outside of the budget process may not be detailed here.

Long-Term Purchased Power Budget Control Level

The purpose of the Long-Term Purchased Power Budget Control Level is to acquire wholesale power, transmission, and other related services (including renewable energy credits) to meet the utility's long-term demand for power. This Budget Control Level provides appropriations for planned transactions beyond 24 months in advance.

Program Expenditures	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Long-Term Purchased Power	292,554,039	299,074,369	311,102,350	311,102,350
Total	292,554,039	299,074,369	311,102,350	311,102,350

Short-Term Purchased Power Budget Control Level

The purpose of the Short-Term Purchased Power Budget Control Level is to acquire wholesale power, transmission, and other related services (including renewable energy credits) to manage the utility's short-term demand given the variability of hydroelectric power. This Budget Control Level provides appropriations for planned transactions up to 24 months in advance.

Program Expenditures	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Short-Term Purchased Power	20,618,212	40,404,040	40,406,121	40,406,121
Total	20,618,212	40,404,040	40,406,121	40,406,121

Seattle City Light

City Light Fund - 2018 Proposed Budget

	2016 Actuals	2017 Adopted	2017 Revised	2018 Endorsed	2018 Proposed
Beginning Fund Balance	417,614,968	386,558,971	294,854,173	365,124,342	375,830,179
Accounting and Technical Adjustments	396,457,789	312,138,752	382,233,937	322,052,906	352,468,290
Plus: Actual and Estimated Revenue	968,069,992	1,033,296,645	1,056,205,418	1,070,917,145	1,069,086,604
Less: Actual and Budgeted Expenditures	1,487,288,576	1,366,870,026	1,357,463,349	1,399,794,646	1,409,510,990
Ending Fund Balance	294,854,173	365,124,342	375,830,179	358,299,747	387,874,083
Less: Reserves Against Cash Balances					
Restricted Accounts*	102,478,880	127,187,496	128,421,259	148,287,614	150,764,319
Contingency Reserve / RSA	91,134,527	93,763,850	98,798,297	95,180,909	95,180,909
Construction Account	28,373,126	99,092,511	85,121,658	85,471,930	102,096,249
Total Reserves	221,986,533	320,043,857	312,341,214	328,940,453	348,041,477
Ending Unreserved Fund Balance	72,867,640	45,080,485	63,488,965	29,359,294	39,832,606

*Includes Special Deposits, Debt Service Account, and Bond Reserves. Does not include the Construction Account.