



2019 – 2020

BIENNIAL BUDGET

POWER

WATER

RAIL



Tacoma Public Utilities

Public Utility Board

Woodrow Jones, Chair

Karen Larkin, Vice-Chair

Bryan Flint, Secretary

Mark Patterson, Member

Christine Cooley, Member

Executive Team

Jackie Flowers –

Director of Utilities/Chief Executive Officer

Chris Robinson –

Tacoma Power Superintendent/Chief Operating Officer

Scott Dewhirst –

Tacoma Water Superintendent

Dale W. King –

Tacoma Rail Superintendent

Prepared by:

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City of Tacoma, Washington

Department of Public Utilities

2019-2020 Biennium Budget

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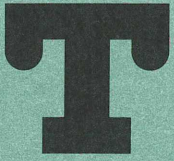
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**City of Tacoma, Washington
Department of Public Utilities
2019-2020 Biennium Budget**

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TACOMA PUBLIC UTILITIES

3628 South 35th Street

Tacoma, Washington 98409-3192

October 31, 2018

To the Mayor and Members of Tacoma City Council:

In conformance with the provisions of state law and Section 4.1.2 of the Charter of the City of Tacoma, we are transmitting the Preliminary 2019/2020 Biennial Budget for the Department of Public Utilities.

The total department budget includes the budgets for Tacoma Power, Tacoma Water, Tacoma Rail, Fleet Services, Self-Insurance Claim and Family Need Funds.

Memorandum budgets are submitted for the Administrative Offices, Customer Services and TPU Support Services. The expenditures of these supporting service divisions are allocated to Tacoma Power, Tacoma Water, Tacoma Rail and Fleet Services Funds. Portions of the Customer Services costs are reimbursed by the City's Environmental Services.

The budgets were developed without compromising the mission or values of Tacoma Public Utilities while at the same time carefully and thoughtfully considering budget impacts on customer rates with an eye on the long-term. Expenditures have been thoroughly reviewed. Capital outlay budgets have been fully examined and prioritized for possible deferral or elimination. Each of the utilities continues to keep a close watch on revenues, expenses and market influences and is carefully monitoring its financial position. These budgets were prepared with that same kind of prudence. Financing of budgeted projects is consistent with the rate policies established by the Public Utility Board and City Council.

The Tacoma Public Utilities 2019/2020 biennial budget totals \$1.29 billion which represents a 6.5 percent increase from the 2017/2018 biennium. The budget reflects additional revenue anticipated from rate increases by Tacoma Power, Tacoma Water and Tacoma Rail.

Transfers to General Government

General Government charges of \$42.6 million, expected to be allocated to the Department of Public Utilities, are included in the proposed appropriations for Tacoma Power, Tacoma Water, Tacoma Rail and Fleet Services funds.

The budgets of the operating divisions also include \$90.2 million for gross earnings tax payments to the General Fund during the biennium.

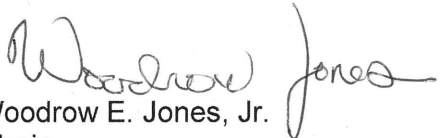


The Budget Review Process to Date

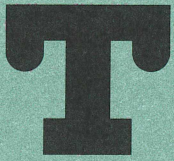
The Director and Senior Management participated in discussions of the proposed budget at Public Utility Board Study Sessions on August 22, September 12 and September 26, 2018. The budget was also discussed at a joint City Council/Public Utility Board Study Session on October 16, 2018 and at the Public Utility Board Meetings on October 10 and October 24, 2018. Public outreach has been an integral part of the budget process and included public meetings with franchise cities and neighborhood organizations as well as newsletters, web page items and banners, bill messages and handouts.

The Public Utility Board has studied and reviewed the preliminary budget in detail with the Director, Senior Management and Staff during a considerable period of time and recommends approval by the City Council. Additional study and review will continue until time for final adoption. The Council will be informed of any changes that may be necessary or deemed desirable by the Board.

Sincerely,

A handwritten signature in cursive script that reads "Woodrow Jones". The signature is written in dark ink and is positioned above the printed name.

Woodrow E. Jones, Jr.
Chair
Public Utility Board



TACOMA PUBLIC UTILITIES

3628 South 35th Street

Tacoma, Washington 98409-3192

October 24, 2018

To the Members of the Public Utility Board:

The preliminary draft of the Department of Public Utilities Budget for the 2019/2020 biennium is presented for your consideration and approval before transmittal to the City Clerk for distribution to the City Council. State law requires that the budget be filed at least 60 days before the beginning of the next fiscal year. The budget will be delivered to the City Clerk's office on October 31, 2018.

My office, staffs of the various divisions, the division managers and Superintendents, and the Management Services Office have carefully reviewed these requested appropriations. The divisional budgets were discussed at Public Utility Board Study Sessions on August 22, September 12, and September 26, 2018. A summary budget was presented at the Public Utility Board Meeting on October 10, 2018 and the budget was also discussed in detail at a joint City Council/Public Utility Board Study Session on October 16, 2018. Public outreach has been an integral part of the budget process and included public meetings with franchise cities and neighborhood organizations as well as newsletters, web page items and banners, bill messages and handouts.

These budgets were developed without compromising the mission or values of Tacoma Public Utilities. All expenditures were thoroughly reviewed and capital outlay budgets were examined fully and prioritized for possible deferral or elimination. Financing of these projects is consistent with the Board's established rate policies.

The Tacoma Public Utilities 2019/2020 biennial budget totals \$1.29 billion which represents a 6.5 percent increase from the 2017/2018 biennium. The budget reflects additional revenue anticipated from rate increases by Tacoma Power, Tacoma Water and Tacoma Rail, the details of which are noted in their subsections below.

The assumption for all of Tacoma Public Utilities includes health and welfare benefit costs which are consistent with levels in the Citywide biennial budget.

Tacoma Power

This budget continues to support Tacoma Power's strategy to maintain low rates while providing reliable and environmentally responsible electric power.

Tacoma Power's 2019/2020 budget is \$958.8 million. This is up \$35.4 million, or 3.8 percent, from the 2017/2018 budget.



Tacoma Power personnel costs are projected to decrease approximately \$(15.0) million or (7.5) percent. These costs include decreases in Tacoma Power staffing levels from 858.6 to 838.28 full time equivalents (FTEs). Repurposing of several existing positions, will address resource needs driven by Tacoma Power's strategic initiatives. Supplies, services and other charges will increase by \$43.3 million or 9.3 percent. The total capital outlay proposed is \$149.7 million, of which \$89.7 million of this capital plan will be paid for from the operating fund while the rest will be paid from bond proceeds.

Taxes, primarily City of Tacoma gross earnings tax of \$70.2 million and State of Washington utilities and business taxes of \$44.2 million, total \$114.4 million for the biennium, which is an increase of \$7.2 million from the prior biennium. Included in the tax figures are administrative fees for small surrounding cities where Tacoma Power operates, plus Click! Network franchise-like fees.

Funding for the budget will be primarily from sales of electric energy, bulk power sales and telecommunications revenues. Tacoma Power also receives other electric and miscellaneous revenues, such as interest income, rents, and wheeling revenues. Tacoma Power will maintain a minimum cash reserve of 90 days of operating expenses including capital paid from the operating fund. The budget includes anticipated additional revenue of \$16.5 million, derived from an average system rate increase of approximately 2.0 percent in each of the two years of the biennium. The budget assumes that the rate stabilization fund maintains its current balance of \$48 million as a protection against potentially unfavorable conditions which could have swift and substantial negative impacts on revenues. An appropriation from the operating fund of \$9.2 million is planned to balance Tacoma Power's budget and to help minimize rate increases.

Tacoma Water

In formulating its budget, Tacoma Water continues to focus on cost control while maintaining responsible stewardship of the utility's assets.

Tacoma Water's 2019/2020 budget is \$228.3 million. This is a \$36.7 million increase, or 19.2 percent, over the current budget.

Tacoma Water's personnel costs are planned to increase by \$3.4 million, including an increase in planned staffing levels of 15.8 FTEs. The increase in FTEs supports broad analysis, data driven decision making and strategic asset management, and aligns staffing with emerging areas of emphasis. Supplies, services and other charges will increase to cover growing operational expenses to provide safe, clean water and to address other priorities. Debt Service is expected to increase to \$53.2 million in the next biennium. Part of the debt service expense will be offset by the Build America Bonds subsidy which is recorded as non-operating revenue. The total capital outlay proposed is \$61.4 million. The capital financing plan calls for \$35.1 million to be paid from the operating fund and capital reserve fund with the remainder coming from existing debt proceeds.

Taxes paid by Tacoma Water total \$24.9 million for the biennium, an increase of \$2.1 million. City of Tacoma gross earnings tax equals \$14.7 million and State of Washington utilities and business taxes equal \$10.2 million. Included in the total tax figures are franchise, administrative, and other fees paid to other cities and entities.

Tacoma Water receives most of its revenue from water sales and other operating earnings. To balance its budget, an anticipated additional revenue amount of \$6.4 million is required, which would come from an average system rate increase of approximately 2.5 percent in both 2019 and 2020.

Tacoma Rail

Tacoma Rail's 2019/2020 budget is \$67.7 million. This is \$1.0 million, or 1.5 percent, above the current budget. Tacoma Rail's operations by necessity fluctuate and are greatly influenced by economic activity, particularly driven by the movement of goods and commodities around the Port of Tacoma.

Personnel costs are projected to increase by \$2.4 million, with staffing levels budgeted to increase by 8 FTEs for the biennium. Supplies, services and other charges are planned to decrease by \$(1.5) million or (6.7) percent. The total capital outlay proposed is \$5.9 million. \$4.5 million of this capital plan will be paid from the operating fund while \$1.4 million will be financed with either grants or special no, or low, interest loans.

Funding for the budget comes primarily from switching revenues. Tacoma Rail proposes modest rate increases for 2019 with further rate analysis to follow for 2020.

Taxes paid by Tacoma Rail total \$6.4 million for the biennium, an increase of \$86.7 thousand. City of Tacoma gross earnings tax equals \$5.4 million and State of Washington utilities and business taxes total approximately \$1.0 million.

Fleet Services Fund

The Fleet Services Fund's 2019/2020 biennial budget is \$26.4 million as compared to \$24.8 million in the current biennium. The majority of the increase relates to a higher capital outlay which is up \$3.4 million.

Other Funds

Self-Insurance Claim Fund biennial appropriations, which are provided by Tacoma Power, Tacoma Water and Tacoma Rail plus appropriations from the cash reserves, total \$6.7 million.

The Family Need Fund, which is a funding source for bill payment assistance to qualifying low income Power customers, will have a total biennial budget of \$2.5 million.

Service Divisions

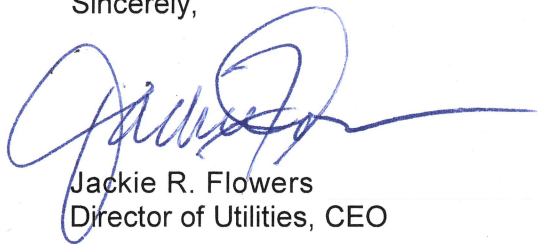
Expenditures for the service divisions are included for information only because their costs are included in the budgets of the operating divisions, and other funds within the department. Portions of the Customer Services costs are reimbursed by the City's Environmental Services. Service division budgets include the Administrative Offices,

Customer Services, TPU Safety, Real Property Services, UTS Software & Desktop Support and Copiers. The operating divisions reviewed these budgets during the budget process to ensure that only essential services are budgeted. The service divisions have budgets that total \$72.3 million for the 2019/2020 biennium, up from \$69.9 million in the current biennium.

Summary

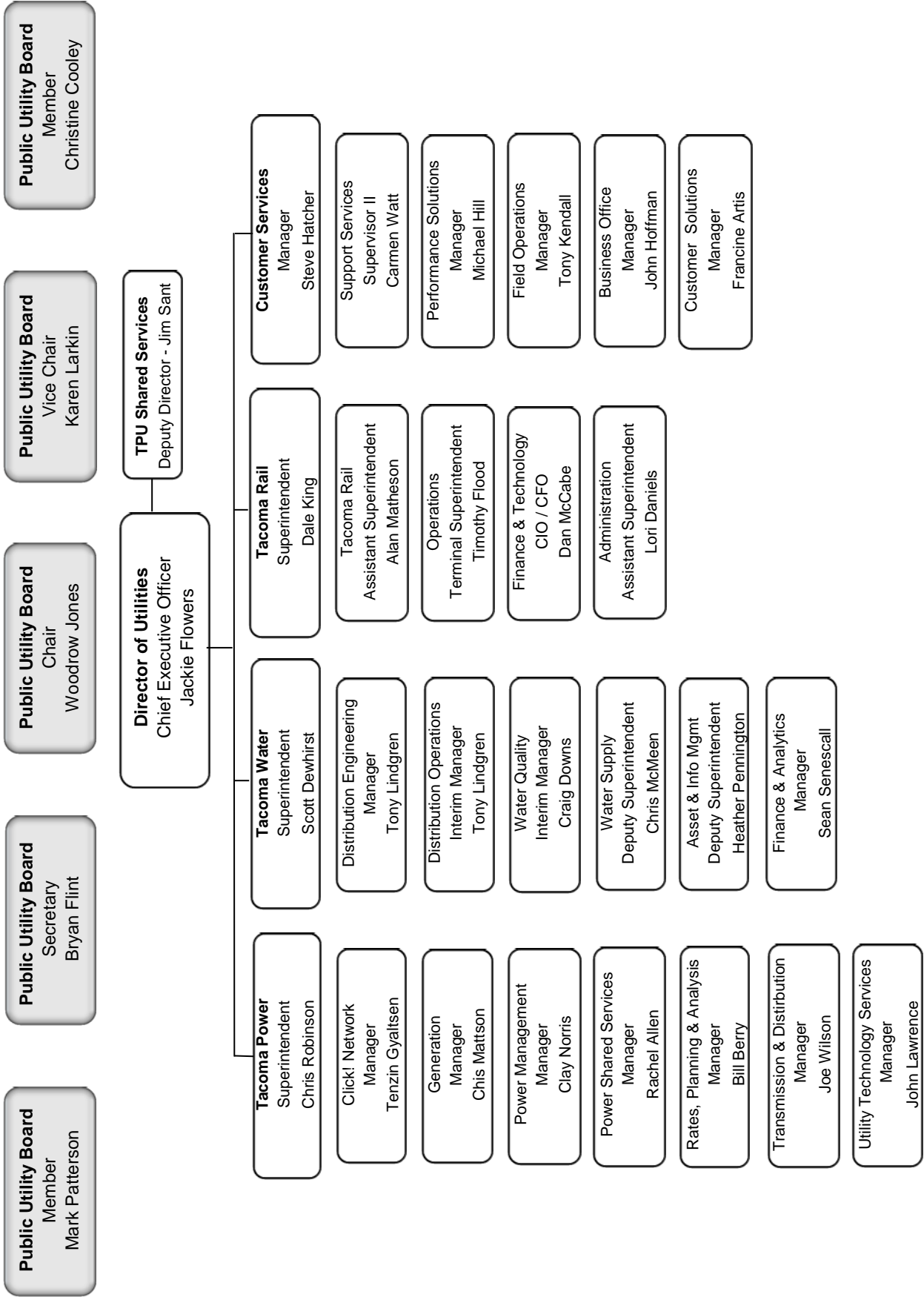
The revenues and expenditures contained in the Department of Public Utilities 2019/2020 biennial budget requests were developed in accordance with the stated mission of the department and in conformance with the objectives of our strategic plan. The proposed budget appropriations were reviewed extensively by my office, divisional management, the Management Services Office, and the Public Utility Board. TPU's budgets and rate proposals reflect strategies that are durable over the long run. The Utilities have considered the economy and market conditions and have properly aligned their budgets and their work forces for the 2019/2020 biennium and beyond.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jackie R. Flowers", with a long horizontal flourish extending to the right.

Jackie R. Flowers
Director of Utilities, CEO

CITY OF TACOMA - DEPARTMENT OF PUBLIC UTILITIES



**CITY OF TACOMA
DEPARTMENT OF PUBLIC UTILITIES**

DEPARTMENT SUMMARY

The Department of Public Utilities consists of the Tacoma Power, Tacoma Water, and Tacoma Rail Operating Divisions, Fleet Services, the Customer Services Division, and Administrative and Support Services.

Memorandum budgets have been prepared for the Customer Services and Administrative/Support Services Divisions. Except for a portion of the Customer Services' budget, which is reimbursed by the City's Environmental Services, all planned Service Division expenses have been allocated to and are included in the three Operating Funds' budgets. A memorandum budget has also been prepared for the Regional Water Supply System (RWSS), whereas Tacoma Water's proportionate share is included within the Tacoma Water Division's budget.

The following is a summary of the appropriations by fund.

2017-2018 BUDGET

	Personnel Costs	Supplies, Services & Other Charges	Taxes	Debt Service	Capital Outlay	2017-2018 Total
Tacoma Power Division	\$200,456,764	\$466,917,187	\$107,182,939	\$66,995,223	\$81,830,000	\$923,382,113
Tacoma Water Division	54,522,063	53,274,970	22,742,786	53,012,978	8,010,973	191,563,770
Tacoma Rail Division	31,543,815	22,705,310	6,295,643	1,799,885	4,298,543	66,643,196
Operating Funds	286,522,642	542,897,467	136,221,368	121,808,086	94,139,516	1,181,589,079
Fleet Services Fund	6,643,452	4,698,624	0	0	13,418,000	24,760,076
Family Need Fund	0	2,000,000	0	0	0	2,000,000
Self-Insurance Fund	0	3,762,254	0	0	0	3,762,254
Other Funds	6,643,452	10,460,878	0	0	13,418,000	30,522,330
Total TPU 2017-2018	\$293,166,094	\$553,358,345	\$136,221,368	\$121,808,086	\$107,557,516	\$1,212,111,409

2019-2020 BUDGET

	Personnel Costs	Supplies, Services & Other Charges	Taxes	Debt Service	Capital Outlay	2019-2020 Total
Tacoma Power Division	\$185,415,658	\$510,242,691	\$114,377,816	\$59,122,802	\$89,672,000	\$958,830,967
Tacoma Water Division	57,949,725	57,146,959	24,866,802	53,216,486	35,111,569	228,291,541
Tacoma Rail Division	33,984,306	21,179,656	6,382,314	1,640,486	4,466,084	67,652,846
Operating Funds	277,349,689	588,569,306	145,626,932	113,979,774	129,249,653	1,254,775,354
Fleet Services Fund	6,767,495	2,831,263	0	0	16,780,500	26,379,258
Family Need Fund	0	2,500,000	0	0	0	2,500,000
Self-Insurance Fund	0	6,712,450	0	0	0	6,712,450
Other Funds	6,767,495	12,043,713	0	0	16,780,500	35,591,708
Total TPU 2019-2020	\$284,117,184	\$600,613,019	\$145,626,932	\$113,979,774	\$146,030,153	\$1,290,367,062

Budgets may have been reclassified or restated to reflect organizational changes.

**CITY OF TACOMA
DEPARTMENT OF PUBLIC UTILITIES**

COMPARATIVE BUDGET

Fund	Biennial Budget 2017-2018	Biennial Budget 2019-2020	\$ Increase or Decrease	% Increase or Decrease	% 2019-2020 Total Dept.
Tacoma Power	\$923,382,113	\$958,830,967	\$35,448,854	3.8%	74.3%
Tacoma Water	191,563,770	228,291,541	36,727,771	19.2%	17.8%
Tacoma Rail	66,643,196	67,652,846	1,009,650	1.5%	5.2%
Fleet Services	24,760,076	26,379,258	1,619,182	6.5%	2.0%
Family Need	2,000,000	2,500,000	500,000	25.0%	0.2%
Self-Insurance Claim	3,762,254	6,712,450	2,950,196	78.4%	0.5%
Total Department	\$1,212,111,409	\$1,290,367,062	\$78,255,653	6.5%	100.0%

DEPARTMENT OF PUBLIC UTILITIES	2015-16	2017-18	2019-20
Taxes	Biennium Actual	Biennium Budget	Biennium Budget

TAX PAYMENTS

City of Tacoma:

Gross Earnings Tax	\$74,474,474	\$83,786,232	\$90,242,645
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State of Washington:

Utility & Business Tax	34,821,596	37,371,929	39,867,810
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Other *

15,076,263	15,063,207	15,516,477
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Total Taxes	\$124,372,333	\$136,221,368	\$145,626,932
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* Other includes franchise, administrative and other fees paid to other Cities and entities and fire patrol assessments paid to WA State DNR.

DEPARTMENT OF PUBLIC UTILITIES	2017-18	2019-20
General Government Expenses	Biennium Budget	Biennium Budget



City Clerk	\$83,480	\$225,938
City Council	197,554	179,837
City Manager's Office	122,636	121,393
CMO Equity	145,086	527,858
Government Relations	103,754	92,119
Hearing Examiner	68,937	55,755
Small Business Enterprise Program	465,839	154,804
Local Employment & Apprenticeship Program	355,818	162,171
Tacoma Training & Employment Program	330,241	313,075
Office of Management and Budget	93,317	74,858
Continuous Improvement	30,857	387,984
Tacoma Fire Department Emergency Management	0	119,252

Total Miscellaneous General Government Expenses	1,997,519	2,415,044
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Finance	6,996,448	7,769,410
Human Resources	4,702,409	7,123,207
IT	21,464,048	22,247,545
Legal	2,689,678	3,048,738

Total TPU General Government Expenses	\$37,850,102	\$42,603,944
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OPERATIONAL SUMMARY

TACOMA POWER is an innovative, citizen-owned electric utility that generates, transmits and distributes electricity and provides energy and telecommunication services in an increasingly competitive marketplace. We are committed to providing high-value, competitively priced products and services to our customers through the quality of our employees and the responsiveness that results from local ownership. Tacoma Power serves more than 175,000 customers over a 180 square mile service area both inside and outside of the city of Tacoma. A first-class environmental steward, almost 100% of power supplied to Tacoma Power customers is from carbon-free and renewable hydroelectric resources. Tacoma Power is also a leader in conservation and maintains some of the lowest power rates in the region. Tacoma Power is organized functionally as Click! Network, Generation, Power Management, Power Shared Services, Rates, Planning and Analysis, Transmission and Distribution and Utility Technology Services.

CLICK! NETWORK plans, constructs, operates and maintains a hybrid fiber coaxial (HFC) telecommunications network that supports the operation of Tacoma Power's electrical transmission and distribution system, retails Cable TV service to residential and business customers and wholesales high-speed Internet and data transport services to local Internet Service Providers and telecommunications companies.

GENERATION operates and maintains four hydroelectric generation projects (Cowlitz, Cushman, Nisqually and Wynoochee) and the associated fish hatcheries, fish passage and transport facilities, recreational facilities and other project lands.

POWER MANAGEMENT optimizes generation based on reservoir level, inflow and precipitation forecasts, environmental and recreational limitations and wholesale market conditions, and actively trades energy and ancillary power supply services in the wholesale markets. Power Management conducts integrated resource planning, acquires generation and demand-side power resources and negotiates/manages power contracts. Power Management also ensures compliance with Washington's Energy Independence Act which establishes renewable and energy efficiency targets.

POWER SHARED SERVICES manages services that assist all of Tacoma Power including Compliance, Facilities, Emergency Management, Communications, Strategy and Performance Management, Training, Analytics and People Management. The Reliability and Compliance group is responsible for all matters related to Tacoma Power's compliance with the North American Electric Reliability Corporation (NERC) Reliability Standards and manages Tacoma Power's Internal Reliability and Compliance Program.

RATES, PLANNING AND ANALYSIS plans for and manages the retail rate process, financial planning activities, operations and capital budget development and monitoring, strategic asset management, construction project management, energy risk management analysis and modeling.

TRANSMISSION AND DISTRIBUTION plans, constructs, operates and maintains the transmission and distribution systems including substations, the underground network system, supervisory control and data acquisition (SCADA) systems, revenue metering facilities and all overhead and underground transmission and distribution systems.

UTILITY TECHNOLOGY SERVICES (UTS) maintains communication networks, operational and informational technology systems, and related equipment and infrastructure to optimize utility operations and improve reliability and service quality. This includes a Project Management Office that establishes and leads TPU's Information Systems (IS) project governance process and implements project portfolio management tools. UTS is responsible for Tacoma Power's Cyber Security (CIP) compliance with the North American Electric Reliability Corporation (NERC) Reliability Standards.

TACOMA POWER	2015-16	2017-18	2019-20
Recapitulation of Biennial Budget	Biennium Actual	Biennium Budget	Biennium Budget

REVENUE

Operating Revenue			
Sales of Electric Energy	\$740,512,345	\$732,280,506	\$825,769,355
Anticipated Additional Revenue	0	43,226,663	16,541,545
Other Electric Revenue	34,795,634	35,494,747	39,743,995
Telecommunications Revenue	53,993,196	61,299,566	54,732,255
Total Operating Revenue	829,301,174	872,301,482	936,787,150
Other Income	28,271,579	12,922,473	12,864,759
Appropriation from Fund Balance	0	38,158,158	9,179,057

Total Revenue & Available Funds	\$857,572,754	\$923,382,113	\$958,830,967
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EXPENDITURES

Personnel Costs	\$173,794,905	\$200,456,764	\$185,415,658
Supplies, Services & Other Charges	426,406,313	466,917,187	510,242,691
Taxes - Current Revenue Estimate	95,663,067	102,266,598	112,496,480
Taxes - Anticipated Additional Revenue	0	4,916,341	1,881,336
Debt Service	69,744,311	66,995,223	59,122,802
Capital Outlay	50,176,235	81,830,000	89,672,000
Cash Defeasance	122,135,000	0	0

Total Expenditures	\$937,919,831	\$923,382,113	\$958,830,967
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CAPITAL OUTLAY FINANCING DETAIL

Funded From Operating Fund		\$81,830,000	\$89,672,000
Funded From New Bonds		108,644,000	60,051,000

Total Capital Outlay		\$190,474,000	\$149,723,000
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PERSONNEL - Budgeted FTEs	856.21 / 854.21	857.27 / 860.02	838.28 / 838.28
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TACOMA POWER	2015-16	2017-18	2019-20
Revenue	Biennium Actual	Biennium Budget	Biennium Budget

REVENUE SUMMARY

Sales of Electric Energy	\$740,512,345	\$732,280,506	\$825,769,355
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Appropriation from Fund Balance	0	38,158,158	9,179,057

Total Revenue & Available Funds	\$857,572,754	\$923,382,113	\$958,830,967
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REVENUE DETAIL

Sales of Electric Energy

Residential	\$300,766,720	\$314,653,878	\$366,568,235
Private Off-Street Lighting	2,519,642	2,543,906	3,061,854
Small General	54,659,459	54,346,433	57,254,711
General	195,787,187	195,825,501	208,176,072
High Voltage General	36,520,280	36,485,717	45,607,004
Contract Industrial - Firm	42,819,622	42,637,365	47,244,762
Street Lighting & Traffic Signals	2,716,137	2,397,520	2,016,509
Total Retail Sales	635,789,048	648,890,320	729,929,147

Other Sales

Bulk Power Sales	104,886,683	83,390,186	95,840,208
Accrued Unbilled Revenue	(163,386)	0	0
Total Other Sales	104,723,297	83,390,186	95,840,208
Anticipated Additional Revenue	0	43,226,663	16,541,545
Total Sales of Electric Energy	740,512,345	775,507,169	842,310,900

TACOMA POWER	2015-16	2017-18	2019-20
Revenue	Biennium Actual	Biennium Budget	Biennium Budget

Other Electric Revenue

Rent from Electric Property	2,687,255	2,824,560	2,704,477
Interdepartmental Rent	4,619,843	4,925,388	4,924,037
Service Connection Fees	1,953,794	2,273,080	2,451,276
Green Power	156,199	226,404	111,948
Overhead on Work for Others	238,737	226,345	573,785
Late Payment Fees	1,939,175	2,323,843	2,517,398
Income from Campgrounds	2,710,891	2,809,965	3,008,934
Wheeling	19,795,779	19,856,880	23,374,353
Miscellaneous	693,962	28,282	77,787
Total Other Electric Revenue	34,795,634	35,494,747	39,743,995

Telecommunications Revenue

CATV	31,726,756	38,786,871	32,758,843
Broadband	2,306,899	2,411,528	2,446,773
Internet	13,681,100	18,265,376	18,427,102
Miscellaneous	6,278,441	1,835,791	1,099,537
Total Telecommunications	53,993,196	61,299,566	54,732,255

Other Income

Interest	4,412,669	3,750,235	3,645,145
Federal Subsidy for BABS/CREBS interest	7,359,582	7,340,000	7,418,000
Miscellaneous	4,499,329	1,832,238	1,801,614
Transfer from Other Funds:			
Capital Reserve Fund	12,000,000	0	0
Total Other Income	28,271,579	12,922,473	12,864,759

Other Available Funds

Appropriation from Fund Balance	0	38,158,158	9,179,057
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Total Revenue & Available Funds	\$857,572,754	\$923,382,113	\$958,830,967
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TACOMA POWER	2015-16	2017-18	2019-20
Division Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Operation & Maintenance by Section

Power Administration	\$123,471,480	\$136,330,792	\$135,193,579
Click!	60,157,829	69,749,612	54,455,682
Generation	74,933,147	83,976,592	90,658,243
Power Management	309,451,486	335,491,958	363,789,727
Power Shared Services	17,683,492	20,522,943	26,129,294
Rates, Planning & Analysis	5,938,870	8,157,979	10,053,019
Transmission & Distribution	85,999,506	97,539,340	93,495,737
Utility Technology Services	18,228,475	22,787,674	36,260,883

Total for Division	\$695,864,285	\$774,556,890	\$810,036,165
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SUMMARY - Operation & Maintenance by Category

Salaries & Wages	\$154,719,287	\$171,373,051	\$169,701,179
Employee Benefits	59,239,247	64,887,312	58,229,067
Capital Credit & Labor To/From Others	(40,163,629)	(35,803,599)	(42,514,588)
Total Personnel Costs	173,794,905	200,456,764	185,415,658
Supplies	261,489,710	284,010,964	298,920,868
Services	81,572,348	92,136,732	98,853,564
Other Charges	31,808,911	31,524,269	46,185,874
Assessments	51,535,344	59,245,222	66,282,385
Taxes	95,663,067	107,182,939	114,377,816

Total for Division	\$695,864,285	\$774,556,890	\$810,036,165
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TACOMA POWER Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
00060	Office Assistant	8.50	8.00	8.00	\$704,266	\$644,361	\$666,942
01180	Information Tech Helpdesk Specialist	2.00	2.00	2.00	174,315	172,950	180,999
01240	Computer Support Technician	7.00	6.00	6.00	724,722	603,615	627,377
01380	T&D Work Practices Specialist	1.00	-	-	136,899	0	0
01510	IT Analyst, Senior	1.25	2.00	2.00	178,218	252,280	259,750
01520	IT Analyst, Senior Technical	1.00	1.00	1.00	162,177	115,816	124,259
03010	Warehouse Tech	7.00	6.00	6.00	685,305	572,566	575,469
03020	Warehouse Tech Sr.	3.00	3.00	3.00	320,995	313,790	314,969
05040	Financial Assistant	5.00	4.00	4.00	464,843	368,731	379,796
05200	Financial Manager	1.00	-	-	152,360	0	0
05800	Utilities Economist	2.00	-	-	264,266	0	0
05820	Utilities Econ, Sr.	4.00	2.00	2.00	703,449	360,137	371,046
06130	Utility Services Rep I	10.50	11.00	11.00	1,057,201	1,122,549	1,160,347
06140	Utility Services Rep II	1.00	1.00	1.00	133,488	134,918	138,952
06170	Utility Service Specialist	5.00	5.00	5.00	708,635	720,080	728,425
06190	Conservation Manager	3.00	2.50	2.00	561,132	471,171	398,258
06200	Conservation Supervisor	5.00	4.00	4.00	777,845	633,315	652,602
06210	Account Executive	1.00	1.00	1.00	137,997	140,150	144,351
06230	Energy Services Representative	1.00	1.00	1.00	117,214	118,038	119,201
06300	Conservation Program Manager	5.00	6.00	6.00	680,569	790,748	822,696
06310	Conservation Program Associate	1.00	1.50	1.50	86,367	143,522	147,558
06320	Conservation Program Coordinator	2.00	2.00	2.00	192,250	212,348	222,757
07070	IT Project Manager	-	2.00	2.00	0	317,138	332,690
07080	IT Project Manager, Senior	-	2.00	2.00	0	347,083	357,583
07200	Project Manager	6.00	1.00	1.00	936,191	141,369	152,128
07370	Administrative Assistant	17.50	18.00	18.00	1,587,076	1,587,674	1,653,700
07380	Office Administrator	6.00	7.00	7.00	624,415	773,635	807,182
07390	Office Manager	1.00	1.00	1.00	127,233	128,544	132,350
08020	Community Relations Spec	-	1.00	1.00	0	112,058	120,237
08150	Power Section Asst Manager I	14.00	14.00	14.00	3,070,387	3,173,526	3,330,341
08160	Power Section Manager	6.00	8.00	8.00	2,010,063	2,580,916	2,721,193
08170	Power Section Asst Manager II	13.00	15.00	15.00	3,318,375	3,840,993	3,994,996
08250	Utilities Dir Dpty Power Supt	1.00	1.00	1.00	381,064	391,041	403,658
08450	Relicensing Coordinator	1.00	1.00	1.00	132,264	165,236	172,147
11090	Management Analyst I	9.00	11.00	11.00	905,138	1,043,673	1,079,650
11200	Management Analyst II	21.00	23.00	23.00	2,511,873	2,621,931	2,723,464
11220	Safety Officer	1.00	1.00	1.00	128,802	114,616	123,034
11350	Management Analyst III	18.00	20.00	20.00	2,539,901	2,844,006	2,963,633
12110	Community Relations Officer	-	1.00	1.00	0	125,335	134,686
20030	Chief Of Party	1.00	2.00	2.00	117,559	220,858	227,261
20040	Engr Technician IV	8.00	10.00	10.00	999,074	1,261,955	1,300,522
20050	Chief Surveyor, Asst	-	1.00	1.00	0	124,224	133,410
20060	Chief Surveyor	1.00	1.00	1.00	155,120	157,179	161,972
20100	Engr Technician I	8.00	5.00	5.00	740,100	453,477	470,483
20110	Engr Technician II	8.00	11.00	11.00	815,892	1,152,692	1,187,748
20120	Engr Technician III	10.00	10.00	10.00	1,131,265	1,163,260	1,197,201
20460	Engr Const Coord	2.00	2.00	2.00	268,818	272,877	281,055

TACOMA POWER Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
20600	Engineer, Sr Principal	3.00	-	-	558,457	0	0
20680	Engineer, Associate	5.00	-	-	616,633	0	0
20690	Real-Time Energy Trader	6.00	6.00	6.00	1,106,083	1,126,019	1,160,188
20700	Engineer	10.00	-	-	1,381,876	0	0
20720	Term Energy Trader	1.00	1.00	1.00	225,605	229,758	236,896
20730	Engineer, Principal	18.00	-	-	2,990,782	0	0
20820	Engineer, Professional	13.00	-	-	2,028,182	0	0
20830	Engineer, Senior	20.00	-	-	3,036,628	0	0
20840	Wildlife & Rec Coord	5.00	5.00	5.00	669,938	690,209	716,829
20850	Park Supervisor	3.00	4.00	4.00	363,524	491,076	505,505
20860	Park Supervisor Asst	3.50	3.50	3.50	381,684	328,080	341,557
20890	Natural Resources Biologist II	1.00	2.00	2.00	125,560	245,956	259,268
20900	Natural Resources Technician II	1.00	1.00	1.00	106,806	110,857	114,831
20910	Natural Resources Mgr	1.00	-	-	211,379	0	0
20930	Environmental Specialist, Senior	2.00	2.00	2.00	255,978	267,633	281,562
20940	Natural Resources Biologist III	6.00	5.00	5.00	888,002	769,234	803,133
20970	Environmental Technician	1.00	1.00	1.00	98,822	102,471	105,407
21060	Natural Resources Biologist I	7.00	6.00	6.00	767,824	710,361	751,956
21070	Natural Resources Technician I	1.00	2.00	2.00	80,335	160,676	169,266
21250	Electrical Inspector	8.75	8.00	8.00	1,129,407	1,053,490	1,072,901
2125A	Electrical Inspector 6.3%	2.00	2.00	2.00	282,196	284,066	288,132
21310	Power Engineer I	-	5.00	5.00	0	624,493	646,870
21320	Power Engineer II	-	11.00	11.00	0	1,443,018	1,518,789
21330	Power Engineer III	-	36.00	36.00	0	5,717,033	5,953,174
21310	Power Engineer IV	-	26.00	26.00	0	4,750,547	4,991,878
23260	Conservation Manager, Asst	-	1.00	1.00	0	171,796	177,069
24010	Chief of Party, PLS	1.00	-	-	122,392	0	0
24030	Chief Surveyor, Assistant, PLS	1.00	-	-	127,841	0	0
41200	Communications System Tech II	9.00	9.00	9.00	1,277,054	1,289,197	1,307,485
41210	Communications System Tech III	5.00	5.00	5.00	764,586	773,620	782,832
41220	Communications System Tech I	1.00	1.00	1.00	101,230	115,089	121,110
50030	Transmission & Distrib Flagger	1.00	1.00	1.00	78,352	78,059	78,777
50040	Craft Helper	1.00	-	-	70,801	0	0
50400	Grounds Maint Worker	10.00	10.00	10.00	911,904	913,397	944,317
50410	Grounds Maintenance Crew Leader	4.00	4.00	4.00	433,762	435,482	454,414
50420	Grounds Maint Supv	1.00	1.00	1.00	135,024	136,511	140,601
50470	Hydro Grounds Maint Worker	1.00	-	-	81,020	0	0
50560	Hydro Utility Worker	27.00	27.50	27.50	2,927,290	2,989,983	3,036,205
51160	Substation Oper Sr	5.00	4.00	4.00	694,190	561,434	569,511
51190	Systems Power Dispatcher Cand	2.00	2.00	2.00	273,079	292,530	296,788
51200	Systems Power Dispatcher Generation	6.00	6.00	6.00	1,015,132	1,027,296	1,039,319
5120B	Systems Power Dispatcher 90.94% Dist	8.00	8.00	8.00	1,223,266	1,230,470	1,251,709
5120C	Systems Power Dispatcher 108.06% Coord	3.00	3.00	3.00	541,942	549,954	555,839
51230	Power Analyst	12.00	10.00	10.00	1,966,419	1,645,321	1,712,348
51280	Power Analyst Sr	9.00	13.00	13.00	1,603,017	2,356,242	2,431,247
51320	Hydro Project Electrician	9.00	9.00	9.00	1,249,158	1,261,070	1,275,000
51450	Heating/AC Maint Mech Supv	1.00	1.00	1.00	145,581	142,432	143,871

TACOMA POWER Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
51500	Hydro Project Mgr, Asst	5.00	5.00	5.00	897,704	874,228	940,217
51510	Hydro Project Manager	3.00	3.00	3.00	617,221	630,771	650,177
52010	Carpenter	1.00	1.00	1.00	107,067	107,725	111,740
52020	Carpenter Crew Leader	1.00	1.00	1.00	116,935	117,911	121,352
52050	Painter Industrial	2.00	2.00	2.00	210,565	204,004	214,040
52060	Painter Crew Leader	1.00	1.00	1.00	110,256	107,428	110,530
52300	Electrical Meter & Relay Tech	6.50	7.00	7.00	894,410	963,007	980,324
52301	Elec Meter & Rel-Adv Trng 1%	1.00	1.00	1.00	139,930	140,208	141,623
52308	Elec Meter & Rel-Adv Trng 14.25%	8.00	8.00	8.00	1,243,879	1,258,974	1,277,268
52309	Elec Meter & Rel-Adv Trng 25%	3.00	3.00	3.00	506,649	513,365	520,109
52360	Electrician	2.00	2.00	2.00	236,759	240,455	242,842
52380	Tool & Equipment Room Coordinator	1.00	1.00	1.00	111,979	112,670	113,775
5241A	Line Electrician Appr Stp1-7	9.00	15.00	15.00	1,005,628	1,740,276	1,779,565
5243A	Wire Electrician, Appren	8.00	13.00	13.00	862,023	1,519,322	1,555,060
52450	Wire Electrician	27.00	19.00	19.00	3,779,259	2,684,145	2,720,210
52460	Wire Electrician, Sr	19.00	19.00	19.00	2,955,140	2,971,730	3,011,998
52480	Power Supervisor I	6.00	5.00	5.00	829,179	721,272	742,982
52490	Power Supervisor III	24.00	28.00	28.00	4,672,156	5,271,331	5,470,313
52510	Power Supervisor II	11.00	17.00	17.00	1,868,325	2,842,789	2,947,338
52520	Transmission & Distrib Arborist	1.00	1.00	1.00	143,858	145,426	146,896
52530	Line Clearance Tree Trimmer	7.00	6.00	6.00	878,079	751,275	761,090
5254C	Line Clearance Tree Trimmer, Sr 3% ISA	2.00	2.00	2.00	279,195	282,095	284,940
52550	Line Electrician	45.00	35.00	36.00	6,370,778	5,001,611	5,208,541
5255B	Line Electrician 6% Trouble Crew	6.00	6.00	6.00	899,787	920,167	930,811
52560	Line Equipment Operator	10.00	9.00	9.00	1,206,501	1,094,014	1,107,906
52570	Line Electrician Sr	21.00	18.00	19.00	3,312,202	2,869,025	3,065,084
52850	Hydro Project Electrician, Apprentice	3.00	-	-	319,393	0	0
53010	Hydro Project Mechanic	10.00	11.00	11.00	1,398,478	1,546,983	1,567,974
53020	Wynoochee Project Maintenance Tech	3.00	3.00	3.00	358,032	354,571	361,363
53100	Fabrication Welder	1.00	2.00	2.00	112,376	218,399	224,722
53120	Machinist	1.00	1.00	1.00	107,041	106,632	110,624
55060	Marketing Coord	3.00	3.00	3.00	322,330	324,217	333,606
55110	Sales & Service Representative	14.00	4.00	4.00	1,134,188	321,507	336,336
55120	Sales & Service Representative, Lead	1.00	-	-	97,274	0	0
55150	Telecom Manager Asst	2.00	2.00	2.00	466,567	476,518	491,379
55160	Telecom Utility Worker	2.00	2.00	2.00	161,017	149,341	153,291
55170	Network Oper Center Tech	9.00	4.00	4.00	837,200	371,735	382,943
5517A	Network Oper Ctr Tech +10%	3.00	2.00	2.00	303,915	202,144	207,872
55180	Telecom Tech 1	18.00	11.00	11.00	1,706,366	1,076,718	1,109,806
55190	Telecommunications Supervisor, Asst	3.00	1.00	1.00	358,120	119,130	121,880
55230	Telecom Technical Administrator	2.00	2.00	2.00	220,514	241,846	267,050
55240	Broadband Services Technician, Lead	3.00	2.00	2.00	441,579	294,640	303,551
55250	Broadband Services Technician	4.00	2.00	2.00	536,418	265,431	274,508
55260	Telecom Broadband Serv Mgr	2.00	2.00	2.00	358,006	375,254	390,288
55320	Telecom Customer Care Supv	1.00	-	-	120,357	0	0
55350	Telecom Engineer	5.00	-	-	756,150	0	0
55380	Converter Inventory Technician	3.00	2.00	2.00	237,737	153,820	158,530

TACOMA POWER Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
55390	Telecom Planning & Design Technician	2.00	2.00	2.00	202,394	219,589	229,964
55400	Telecom Network Const Tech	4.00	4.00	4.00	462,518	454,729	472,185
55430	Telecom Network Technician	7.00	6.00	6.00	806,330	715,450	737,543
5543A	Telecom Network Tech +10%	2.00	2.00	2.00	265,237	259,181	266,851
55600	Telecom Sales Coordinator	2.00	1.00	1.00	220,472	110,989	114,201
55620	Telecom Tech Services Supv	3.00	3.00	3.00	408,527	414,849	427,278
60020	Custodian	15.00	15.00	15.00	1,148,402	1,137,180	1,168,422
60050	Building Maint Worker	3.00	3.00	3.00	282,960	277,089	288,641
60060	Building Maint Supv Asst	3.00	3.00	3.00	326,665	327,237	336,668
60080	Facilities Maint Mechanic	3.00	3.00	3.00	335,928	337,164	341,416
60100	Building Maint Supv	1.00	1.00	1.00	120,849	134,901	138,925

Sub-Total	833.50	807.00	808.50	\$113,862,670	\$113,153,708	\$116,909,217
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Project Employees:

07070	IT Project Manager	-	2.00	2.00	\$0	\$259,824	\$267,549
07080	IT Project Manager, Senior	-	1.00	1.00	0	139,374	143,548
07200	Project Manager	1.00	-	-	158,288	0	0
11090	Management Analyst I	-	1.00	1.00	0	84,790	87,105
11200	Management Analyst II	-	1.00	1.00	0	101,798	104,703
20110	Engr Technician II	1.00	-	-	104,895	0	0
20160	Construction Inspector	0.25	-	-	32,044	0	0
20600	Engineer, Sr Principal	1.50	-	-	227,783	0	0
20680	Engineer, Associate	2.00	-	-	237,664	0	0
21330	Power Engineer III	-	2.00	2.00	0	267,199	275,154
21340	Power Engineer IV	-	2.00	2.00	0	311,076	320,548
41210	Communications System Tech III	1.00	-	-	145,695	0	0
55350	Telecom Engineer	-	1.00	1.00	0	126,951	130,703

Sub-Total	6.75	10.00	10.00	\$906,369	\$1,291,013	\$1,329,309
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Temporary Employees:

01240	Computer Support Technician	-	2.00	0.50	\$0	\$159,072	\$40,840
21040	Const Inspection Supv	1.00	-	-	137,749	0	0
50010	Laborer	15.93	15.93	15.93	787,640	806,048	824,801
50470	Hydro Grounds Maint Worker	0.50	0.50	0.50	40,770	40,727	41,827
50560	Hydro Utility Worker	2.34	2.84	2.84	203,510	268,341	275,864

Sub-Total	19.77	21.28	19.78	\$1,169,668	\$1,274,187	\$1,183,333
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FTE Total Tacoma Power	860.02	838.28	838.28	\$115,938,707	\$115,718,908	\$119,421,859
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TACOMA POWER	2015-16	2017-18	2019-20
Administration	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$725,680	\$941,397	\$845,006
Employee Benefits	194,326	279,983	211,494
Capital Credit & Labor To/From Others	(134,046)	(250,000)	(280,000)
Vacancy Factor	0	0	(19,711,327)
Total Personnel Costs	785,961	971,380	(18,934,827)
Supplies	(124,581)	(155,898)	(239,398)
Services	1,052,006	559,000	1,015,000
Other Charges	(11,929,306)	(16,208,140)	(12,951,060)
Assessments	49,365,558	56,162,396	63,262,183
Taxes	84,321,842	95,002,054	103,041,681

Total Operation & Maintenance	\$123,471,480	\$136,330,792	\$135,193,579
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Power Administration (561000)

Salaries & Wages	\$725,680	\$941,397	\$845,006
Employee Benefits	194,326	279,983	211,494
Capital Credit & Labor To/From Others	269,696	165,000	200,000
Total Personnel Costs	1,189,702	1,386,380	1,256,500
Supplies	83,308	59,102	30,602
Services	845,546	569,000	1,040,000
Other Charges	10,151,539	9,191,860	10,818,940
Assessments	49,365,558	56,162,396	63,262,183
Total	\$61,635,654	\$67,368,738	\$76,408,225

Undistributed Costs (561100)

Salaries & Wages Vacancy Factor	\$0	\$0	(\$14,647,929)
Employee Benefits Vacancy Factor	0	0	(5,063,398)
Capital Credit & Labor To/From Others	(403,742)	(415,000)	(480,000)
Total Personnel Costs	(403,742)	(415,000)	(20,191,327)
Supplies	(207,889)	(215,000)	(270,000)
Services	206,459	(10,000)	(25,000)
Other Charges	(22,080,845)	(25,400,000)	(23,770,000)
Taxes	84,321,842	95,002,054	103,041,681
Total	\$61,835,826	\$68,962,054	\$58,785,354

Total Power Administration Section	\$123,471,480	\$136,330,792	\$135,193,579
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POWER ADMINISTRATION Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
07390	Office Manager	1.00	1.00	1.00	\$127,233	\$128,544	\$132,350
08250	Utilities Dir Dpty Power Supt	1.00	1.00	1.00	381,064	391,041	403,658
FTE Total Power Administration		2.00	2.00	2.00	\$508,296	\$519,586	\$536,008

TACOMA POWER	2015-16	2017-18	2019-20
Click! Network	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$13,455,064	\$14,535,260	\$11,223,763
Employee Benefits	5,968,693	6,302,148	3,756,875
Capital Credit & Labor To/From Others	(114,843)	(238,673)	3,800
Total Personnel Costs	19,308,913	20,598,736	14,984,438
Supplies	1,007,008	1,072,013	887,752
Services	28,624,428	34,508,820	28,042,252
Other Charges	1,261,393	2,549,633	373,703
Assessments	2,659,068	3,082,826	3,020,202
Taxes	7,297,020	7,937,585	7,147,335

Total Operation & Maintenance	\$60,157,829	\$69,749,612	\$54,455,682
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Click! Administrative & General (551100)

Salaries & Wages	\$501,524	\$646,481	\$723,866
Employee Benefits	130,544	187,889	193,397
Capital Credit & Labor To/From Others	6,447	(10,000)	9,000
Total Personnel Costs	638,514	824,369	926,263
Supplies	17,954	28,071	15,040
Services	416,220	420,993	278,119
Other Charges	(250,513)	17,700	(702,050)
Assessments	2,235,114	2,670,007	2,916,242
Total	\$3,057,290	\$3,961,140	\$3,433,613

Click! Marketing & Business Operations Admin (552100)

Salaries & Wages	\$305,341	\$347,495	\$385,634
Employee Benefits	92,158	100,834	102,844
Capital Credit & Labor To/From Others	0	(8,000)	0
Total Personnel Costs	397,500	440,329	488,478
Supplies	4,773	5,842	3,388
Services	0	0	0
Other Charges	9,670	(244,770)	1,290
Total	\$411,943	\$201,401	\$493,156

TACOMA POWER	2015-16	2017-18	2019-20
Click! Network	Biennium Actual	Biennium Budget	Biennium Budget

Click! Sales & Marketing Admin (552200)

Salaries & Wages	\$1,439,035	\$1,477,234	\$1,267,745
Employee Benefits	630,636	642,951	497,023
Capital Credit & Labor To/From Others	0	0	0
Total Personnel Costs	2,069,671	2,120,186	1,764,768
Supplies	32,737	37,637	21,400
Services	9,245	824,332	17,698
Other Charges	17,124	22,719	8,444
Total	\$2,128,776	\$3,004,874	\$1,812,310

Click! Sales & Marketing Services (552300)

Salaries & Wages	\$0	\$0	\$0
Employee Benefits	0	0	0
Capital Credit & Labor To/From Others	24,099	30,000	22,800
Total Personnel Costs	24,099	30,000	22,800
Supplies	30,386	0	0
Services	25,140,691	28,482,501	23,838,243
Other Charges	1,432,290	2,530,704	977,792
Assessments	423,954	412,819	103,960
Taxes	7,297,020	7,937,585	7,147,335
Total	\$34,348,439	\$39,393,609	\$32,090,130

Click! ISP Advantage (552400)

Salaries & Wages	\$0	\$0	\$1,250,000
Employee Benefits	0	0	0
Capital Credit & Labor To/From Others	0	0	0
Total Personnel Costs	0	0	1,250,000
Supplies	0	0	0
Services	610,744	1,791,050	830,480
Other Charges	12,803	0	552
Total	\$623,548	\$1,791,050	\$2,081,032

TACOMA POWER	2015-16	2017-18	2019-20
Click! Network	Biennium Actual	Biennium Budget	Biennium Budget

Click! Customer Sales & Service (552500)

Salaries & Wages	\$1,561,755	\$1,719,542	\$430,631
Employee Benefits	865,426	972,277	230,659
Capital Credit & Labor To/From Others	469	0	0
Total Personnel Costs	2,427,650	2,691,819	661,290
Supplies	30,233	45,290	28,900
Services	21,573	21,600	616,600
Other Charges	9,866	13,550	2,525
Total	\$2,489,322	\$2,772,259	\$1,309,315

Click! Business Support Systems (552600)

Salaries & Wages	\$656,351	\$702,112	\$336,616
Employee Benefits	277,379	293,016	133,260
Capital Credit & Labor To/From Others	(379)	0	0
Total Personnel Costs	933,351	995,128	469,876
Supplies	11,941	14,952	7,308
Services	479,752	570,580	539,040
Other Charges	154,687	255,770	134,040
Total	\$1,579,732	\$1,836,430	\$1,150,264

Click! Technical Operations Administration (553200)

Salaries & Wages	\$478,412	\$525,511	\$577,525
Employee Benefits	163,927	172,331	176,739
Capital Credit & Labor To/From Others	0	(8,000)	0
Total Personnel Costs	642,340	689,842	754,263
Supplies	5,415	8,124	5,996
Services	7,504	46,000	0
Other Charges	11,811	48,000	3,732
Total	\$667,069	\$791,966	\$763,991

TACOMA POWER	2015-16	2017-18	2019-20
Click! Network	Biennium Actual	Biennium Budget	Biennium Budget

Click! Service Installation (553500)

Salaries & Wages	\$2,774,773	\$3,035,216	\$1,991,477
Employee Benefits	1,341,312	1,423,026	831,362
Capital Credit & Labor To/From Others	(9,813)	(50,920)	(8,000)
Total Personnel Costs	4,106,272	4,407,322	2,814,839
Supplies	472,297	539,061	420,380
Services	822,991	1,004,677	739,838
Other Charges	(257,602)	(230,050)	(150,566)
Total	\$5,143,957	\$5,721,010	\$3,824,491

Click! Dispatch (553600)

Salaries & Wages	\$567,843	\$521,732	
Employee Benefits	287,324	252,876	
Capital Credit & Labor To/From Others	0	0	
Total Personnel Costs	855,167	774,608	0
Supplies	12,728	10,539	
Services	0	0	
Other Charges	2,168	2,570	
Total	\$870,063	\$787,717	\$0

Click! Converter Inventory Control (553700)

Salaries & Wages	\$484,822	\$512,739	\$407,892
Employee Benefits	253,765	250,470	186,582
Capital Credit & Labor To/From Others	104	0	0
Total Personnel Costs	738,690	763,209	594,474
Supplies	60,822	96,233	89,810
Services	18,741	79,418	30,597
Other Charges	1,540	800	765
Total	\$819,793	\$939,660	\$715,646

TACOMA POWER	2015-16	2017-18	2019-20
Click! Network	Biennium Actual	Biennium Budget	Biennium Budget

Click! Network Operations (555300)

Salaries & Wages	\$1,598,325	\$1,810,053	\$1,805,229
Employee Benefits	654,828	721,806	653,372
Capital Credit & Labor To/From Others	(129,103)	(67,734)	0
Total Personnel Costs	2,124,050	2,464,125	2,458,600
Supplies	193,687	170,262	207,520
Services	351,171	544,901	276,871
Other Charges	58,352	56,150	54,943
Total	\$2,727,260	\$3,235,438	\$2,997,934

Click! Broadband Services (555400)

Salaries & Wages	\$1,480,305	\$1,536,589	\$984,752
Employee Benefits	535,955	539,668	305,460
Capital Credit & Labor To/From Others	(9,780)	(98,715)	(20,000)
Total Personnel Costs	2,006,481	1,977,541	1,270,212
Supplies	92,409	75,846	61,490
Services	216,403	441,740	397,738
Other Charges	50,053	55,750	39,890
Total	\$2,365,345	\$2,550,877	\$1,769,330

Click! Network Engineering (555500)

Salaries & Wages	\$433,117	\$450,811	\$0
Employee Benefits	163,645	164,125	0
Capital Credit & Labor To/From Others	3,113	(25,304)	0
Total Personnel Costs	599,875	589,632	0
Supplies	19,873	12,961	1,700
Services	529,392	281,028	477,028
Other Charges	4,005	15,700	0
Total	\$1,153,146	\$899,321	\$478,728

TACOMA POWER	2015-16	2017-18	2019-20
Click! Network	Biennium Actual	Biennium Budget	Biennium Budget

Click! Network Service Assurance (555600)

Salaries & Wages	\$1,173,461	\$1,249,746	\$1,062,398
Employee Benefits	571,793	580,879	446,177
Capital Credit & Labor To/From Others	0	0	0
Total Personnel Costs	1,745,254	1,830,624	1,508,575
Supplies	21,753	27,195	24,820
Services	0	0	0
Other Charges	5,139	5,040	2,346
Total	\$1,772,146	\$1,862,859	\$1,535,741

Total Click! Network Section	\$60,157,829	\$69,749,612	\$54,455,682
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CLICK! NETWORK Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
05040	Financial Assistant	1.00	1.00	1.00	\$94,185	\$93,281	\$96,652
05200	Financial Manager	1.00	-	-	152,360	0	0
06210	Account Executive	1.00	1.00	1.00	137,997	140,150	144,351
07380	Office Administrator	1.00	1.00	1.00	98,827	105,447	113,047
08160	Power Section Manager	1.00	1.00	1.00	335,011	343,473	354,461
11090	Management Analyst I	2.00	1.00	1.00	206,312	103,641	106,602
11200	Management Analyst II	2.00	1.00	1.00	248,436	125,428	129,125
55060	Marketing Coordinator	3.00	3.00	3.00	322,330	324,217	333,606
55110	Sales & Service Rep	14.00	4.00	4.00	1,134,188	321,507	336,336
55120	Sales & Service Rep, Lead	1.00	-	-	97,274	0	0
55150	Telecom Manager Asst	2.00	2.00	2.00	466,567	476,518	491,379
55170	Network Oper Center Tech	9.00	4.00	4.00	837,200	371,735	382,943
5517A	Network Oper Ctr Tech +10%	3.00	2.00	2.00	303,915	202,144	207,872
55180	Telecom Tech 1	18.00	11.00	11.00	1,706,366	1,076,718	1,109,806
55190	Telecom Supv, Asst	3.00	1.00	1.00	358,120	119,130	121,880
55230	Telecom Tech Administrator	1.00	1.00	1.00	121,449	129,316	140,078
55240	Broadband Svcs Tech, Lead	3.00	2.00	2.00	441,579	294,640	303,551
55250	Broadband Svcs Tech	4.00	2.00	2.00	536,418	265,431	274,508
55260	Telecom Broadband Serv Mgr	2.00	2.00	2.00	358,006	375,254	390,288
55320	Telecom Customer Care Supv	1.00	-	-	120,357	0	0
55350	Telecom Engineer	2.00	-	-	309,839	0	0
55380	Converter Inventory Technician	3.00	2.00	2.00	237,737	153,820	158,530
55430	Telecom Network Technician	7.00	6.00	6.00	806,330	715,450	737,543
5543A	Telecom Network Tech +10%	2.00	2.00	2.00	265,237	259,181	266,851
55600	Telecom Sales Coordinator	2.00	1.00	1.00	220,472	110,989	114,201
55620	Telecom Tech Services Supv	3.00	3.00	3.00	408,527	414,849	427,278
FTE Total Click! Network		92.00	54.00	54.00	\$10,325,039	\$6,522,318	\$6,740,887

TACOMA POWER	2015-16	2017-18	2019-20
Generation	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$30,137,467	\$32,652,896	\$34,663,712
Employee Benefits	12,077,367	13,229,005	13,144,020
Capital Credit & Labor To/From Others	(9,097,284)	(5,634,006)	(5,303,000)
Total Personnel Costs	33,117,549	40,247,895	42,504,732
Supplies	5,004,915	4,957,641	4,995,597
Services	27,614,848	29,359,996	34,338,621
Other Charges	5,216,004	5,235,760	4,704,493
Taxes	3,979,831	4,175,300	4,114,800

Total Operation & Maintenance	\$74,933,147	\$83,976,592	\$90,658,243
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Generation Administration (561200)

Salaries & Wages	\$485,020	\$1,048,596	\$861,931
Employee Benefits	243,393	279,410	258,346
Capital Credit & Labor To/From Others	(1,625)	0	0
Total Personnel Costs	726,788	1,328,006	1,120,278
Supplies	37,592	29,702	93,540
Services	57,675	1,272,800	45,000
Other Charges	1,911,523	2,007,000	1,689,286
Taxes	3,979,831	4,175,300	4,114,800
Total	\$6,713,410	\$8,812,808	\$7,062,904

Production Engineering (561300)

Salaries & Wages	\$3,854,984	\$4,429,875	\$4,713,528
Employee Benefits	1,444,038	1,660,974	1,607,308
Capital Credit & Labor To/From Others	(2,224,014)	(1,750,000)	(1,800,000)
Total Personnel Costs	3,075,008	4,340,849	4,520,836
Supplies	142,071	119,314	89,460
Services	347,516	182,362	143,681
Other Charges	202,925	297,750	229,724
Total	\$3,767,519	\$4,940,275	\$4,983,701

TACOMA POWER	2015-16	2017-18	2019-20
Generation	Biennium Actual	Biennium Budget	Biennium Budget

Plant Engineering & Construction Services (561400)

Salaries & Wages	\$6,527,270	\$5,851,999	\$5,487,588
Employee Benefits	2,451,939	2,259,063	1,980,676
Capital Credit & Labor To/From Others	(4,234,390)	(3,480,000)	(2,500,000)
Total Personnel Costs	4,744,818	4,631,062	4,968,264
Supplies	253,515	225,695	145,368
Services	431,803	590,756	377,735
Other Charges	145,060	125,500	202,271
Total	\$5,575,196	\$5,573,013	\$5,693,638

Generation Extraordinary Maintenance (561900)

Salaries & Wages	\$3,077	\$0	\$0
Employee Benefits	0	0	0
Capital Credit & Labor To/From Others	2,156	0	0
Total Personnel Costs	5,233	0	0
Supplies	610,411	0	0
Services	5,193,788	3,282,500	7,235,000
Other Charges	360,194	0	0
Total	\$6,169,625	\$3,282,500	\$7,235,000

Craft Shops (563800)

Salaries & Wages	\$1,012,154	\$1,115,658	\$1,241,218
Employee Benefits	511,560	528,334	526,752
Capital Credit & Labor To/From Others	(426,209)	400,000	(400,000)
Total Personnel Costs	1,097,505	2,043,992	1,367,970
Supplies	71,550	113,003	138,444
Services	174,835	133,457	282,722
Other Charges	1,224	4,000	930
Total	\$1,345,114	\$2,294,452	\$1,790,066

TACOMA POWER	2015-16	2017-18	2019-20
Generation	Biennium Actual	Biennium Budget	Biennium Budget

Contract Services (569000)

Salaries & Wages	\$574,747	\$488,156	\$812,409
Employee Benefits	261,741	215,080	337,454
Capital Credit & Labor To/From Others	(12,274)	0	0
Total Personnel Costs	824,214	703,236	1,149,863
Supplies	6,730	3,302	9,840
Services	386	0	0
Other Charges	3,155	8,500	31,959
Total	\$834,486	\$715,038	\$1,191,662

Natural Resources (565700)

Salaries & Wages	\$4,504,161	\$5,276,655	\$6,451,235
Employee Benefits	1,844,274	2,182,936	2,378,570
Capital Credit & Labor To/From Others	(1,017,139)	138,344	60,000
Total Personnel Costs	5,331,297	7,597,935	8,889,804
Supplies	1,761,313	2,483,328	2,468,644
Services	17,430,678	18,658,253	22,158,887
Other Charges	1,856,024	2,028,244	1,733,600
Total	\$26,379,312	\$30,767,760	\$35,250,935

Nisqually Project (566100)

Salaries & Wages	\$2,501,120	\$2,650,319	\$2,779,400
Employee Benefits	960,929	1,042,378	998,778
Capital Credit & Labor To/From Others	(410,431)	(175,000)	(125,000)
Total Personnel Costs	3,051,618	3,517,696	3,653,178
Supplies	231,100	264,503	301,052
Services	682,479	876,930	760,067
Other Charges	80,614	136,500	108,270
Total	\$4,045,811	\$4,795,629	\$4,822,567

TACOMA POWER	2015-16	2017-18	2019-20
Generation	Biennium Actual	Biennium Budget	Biennium Budget

Alder Park (566700)

Salaries & Wages	\$474,087	\$542,045	\$497,017
Employee Benefits	207,592	281,810	275,655
Capital Credit & Labor To/From Others	1,499	0	0
Total Personnel Costs	683,178	823,855	772,673
Supplies	115,381	141,100	138,470
Services	217,422	254,049	343,731
Other Charges	65,855	69,500	72,750
Total	\$1,081,837	\$1,288,504	\$1,327,624

Cushman Project (566400)

Salaries & Wages	\$3,231,405	\$3,642,058	\$3,643,105
Employee Benefits	1,325,214	1,486,026	1,424,572
Capital Credit & Labor To/From Others	(557,156)	(400,000)	(155,000)
Total Personnel Costs	3,999,464	4,728,084	4,912,677
Supplies	558,187	519,266	613,271
Services	944,587	914,011	1,073,378
Other Charges	117,132	104,022	143,640
Total	\$5,619,369	\$6,265,383	\$6,742,966

Cowlitz Project (566500)

Salaries & Wages	\$4,878,864	\$5,550,518	\$5,996,704
Employee Benefits	1,934,887	2,270,877	2,319,992
Capital Credit & Labor To/From Others	(209,372)	(340,750)	(350,000)
Total Personnel Costs	6,604,379	7,480,644	7,966,695
Supplies	743,991	690,111	632,488
Services	1,356,229	2,310,713	1,053,036
Other Charges	156,478	151,800	139,840
Total	\$8,861,076	\$10,633,268	\$9,792,059

TACOMA POWER	2015-16	2017-18	2019-20
Generation	Biennium Actual	Biennium Budget	Biennium Budget

Taidnapam Park (566800)

Salaries & Wages	\$461,745	\$431,790	\$487,768
Employee Benefits	207,740	246,156	274,323
Capital Credit & Labor To/From Others	(701)	0	0
Total Personnel Costs	668,784	677,945	762,091
Supplies	86,883	56,300	63,364
Services	132,748	166,933	328,211
Other Charges	75,629	68,300	90,200
Total	\$964,044	\$969,478	\$1,243,866

Mossyrock Park (566900)

Salaries & Wages	\$506,971	\$497,589	\$505,695
Employee Benefits	228,287	287,839	280,386
Capital Credit & Labor To/From Others	10,244	0	0
Total Personnel Costs	745,502	785,428	786,081
Supplies	100,596	92,150	93,722
Services	132,840	208,308	186,737
Other Charges	87,912	81,300	88,200
Total	\$1,066,850	\$1,167,186	\$1,154,740

Mayfield Lake Park (567300)

Salaries & Wages	\$356,884	\$296,615	\$319,229
Employee Benefits	155,777	157,999	154,855
Capital Credit & Labor To/From Others	(4,998)	0	0
Total Personnel Costs	507,663	454,614	474,084
Supplies	76,348	44,750	60,848
Services	63,599	62,392	72,960
Other Charges	40,818	39,560	43,000
Total	\$688,428	\$601,316	\$650,892

TACOMA POWER	2015-16	2017-18	2019-20
Generation	Biennium Actual	Biennium Budget	Biennium Budget

Wynoochee Project (567200)

Salaries & Wages	\$764,977	\$831,023	\$866,885
Employee Benefits	299,996	330,123	326,352
Capital Credit & Labor To/From Others	(12,874)	(26,600)	(33,000)
Total Personnel Costs	1,052,099	1,134,546	1,160,237
Supplies	209,246	175,117	147,086
Services	448,265	446,532	277,476
Other Charges	111,461	113,784	130,823
Total	\$1,821,070	\$1,869,979	\$1,715,622

Total Generation Section	\$74,933,147	\$83,976,592	\$90,658,243
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GENERATION Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
00060	Office Assistant	2.00	2.00	2.00	\$164,177	\$163,756	\$169,535
05040	Financial Assistant	1.00	1.00	1.00	91,661	91,822	94,385
07200	Project Manager	1.00	-	-	158,288	0	0
07370	Administrative Assistant	6.00	6.00	6.00	547,439	545,460	567,732
07380	Office Administrator	1.00	1.00	1.00	113,303	114,123	117,453
08160	Power Section Manager	1.00	1.00	1.00	335,011	310,977	335,880
08170	Power Section Asst Manager II	2.00	3.00	3.00	528,429	745,244	785,280
08450	Relicensing Coordinator	1.00	1.00	1.00	132,264	165,236	172,147
11090	Management Analyst I	2.00	2.00	2.00	188,094	188,431	193,707
11200	Management Analyst II	2.00	4.00	4.00	248,436	467,318	486,039
11220	Safety Officer	1.00	1.00	1.00	128,802	114,616	123,034
11350	Management Analyst III	1.00	1.00	1.00	121,253	122,342	125,950
20030	Chief of Party	1.00	2.00	2.00	117,559	220,858	227,261
20040	Engineering Tech IV	4.00	6.00	6.00	499,026	756,119	779,663
20050	Chief Surveyor, Asst	-	1.00	1.00	0	124,224	133,410
20060	Chief Surveyor	1.00	1.00	1.00	155,120	157,179	161,972
20100	Engineering Tech I	-	1.00	1.00	0	80,560	82,759
20110	Engineering Tech II	4.00	4.00	4.00	389,567	406,505	419,046
20120	Engineering Tech III	3.00	2.00	2.00	344,384	229,775	236,477
20460	Engr Const Coord	2.00	2.00	2.00	268,818	272,877	281,055
20600	Engineer, Sr Principal	1.00	-	-	188,139	0	0
20680	Engineer, Associate	1.00	-	-	125,310	0	0
20700	Engineer	2.00	-	-	282,300	0	0
20730	Engineer, Principal	5.00	-	-	832,071	0	0
20820	Engineer, Professional	4.00	-	-	619,722	0	0
20830	Engineer, Senior	3.00	-	-	471,713	0	0
20840	Wildlife & Rec Coord	5.00	5.00	5.00	669,938	690,209	716,829
20850	Park Supervisor	3.00	4.00	4.00	363,524	491,076	505,505
20860	Park Supervisor Asst	3.50	3.50	3.50	381,684	328,080	341,557
20890	Natural Resources Biologist II	1.00	2.00	2.00	125,560	245,956	259,268
20900	Natural Resources Technician II	1.00	1.00	1.00	106,806	110,857	114,831
20910	Natural Resources Manager	1.00	-	-	211,379	0	0
20930	Environmental Specialist, Sr	2.00	2.00	2.00	255,978	267,633	281,562
20940	Natural Resources Biologist III	6.00	5.00	5.00	888,002	769,234	803,133
20970	Environmental Technician	1.00	1.00	1.00	98,822	102,471	105,407
21060	Natural Resources Biologist I	7.00	6.00	6.00	767,824	710,361	751,956
21070	Natural Resources Technician I	1.00	2.00	2.00	80,335	160,676	169,266
21310	Power Engineer I	-	1.00	1.00	0	126,844	134,504
21320	Power Engineer II	-	2.00	2.00	0	260,477	268,230
21330	Power Engineer III	-	8.00	8.00	0	1,244,706	1,297,555
21340	Power Engineer IV	-	7.00	7.00	0	1,273,597	1,334,150
24010	Chief of Party, PLS	1.00	-	-	122,392	0	0
24030	Chief Surveyor, Asst, PLS	1.00	-	-	127,841	0	0
50040	Craft Helper	1.00	-	-	70,801	0	0

GENERATION Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
50470	Hydro Grounds Maint Worker	1.00	-	-	81,020	0	0
50560	Hydro Utility Worker	27.00	27.50	27.50	2,927,290	2,989,983	3,036,205
51320	Hydro Project Electrician	9.00	9.00	9.00	1,249,158	1,261,070	1,275,000
51500	Hydro Project Mgr, Asst	5.00	5.00	5.00	897,704	874,228	940,217
51510	Hydro Project Manager	3.00	3.00	3.00	617,221	630,771	650,177
52010	Carpenter	1.00	1.00	1.00	107,067	107,725	111,740
52020	Carpenter Crew Leader	1.00	1.00	1.00	116,935	117,911	121,352
52050	Painter Industrial	2.00	2.00	2.00	210,565	204,004	214,040
52060	Painter Crew Leader	1.00	1.00	1.00	110,256	107,428	110,530
52480	Power Supervisor I	1.00	1.00	1.00	142,413	144,254	148,596
52490	Power Supervisor III	4.00	3.00	3.00	788,229	586,927	613,205
52510	Power Supervisor II	1.00	4.00	4.00	171,141	701,876	723,726
52850	Hydro Project Electrician, Appren	3.00	-	-	319,393	0	0
53010	Hydro Project Mechanic	10.00	11.00	11.00	1,398,478	1,546,983	1,567,974
53020	Wynoochee Project Maint Tech	3.00	3.00	3.00	358,032	354,571	361,363
53100	Fabrication Welder	1.00	2.00	2.00	112,376	218,399	224,722
53120	Machinist	1.00	1.00	1.00	107,041	106,632	110,624

Sub-Total	160.50	166.00	166.00	\$21,036,088	\$22,012,364	\$22,786,010
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Project Employees:

07200	Project Manager	1.00	-	-	\$158,288	\$0	\$0
20110	Engr Technician II	1.00	-	-	104,895	0	0
20160	Construction Inspector	0.25	-	-	32,044	0	0
20680	Engineer, Associate	2.00	-	-	237,664	0	0

Sub-Total	4.25	-	-	\$532,891	\$0	\$0
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Temporary Employees:

21040	Construction Inspection, Supv	1.00	-	-	\$137,749	\$0	\$0
50010	Laborer	14.69	14.69	14.69	726,819	742,548	759,821
50470	Hydro Grounds Maint Worker	0.50	0.50	0.50	40,770	40,727	41,827
50560	Hydro Utility Worker	2.34	2.84	2.84	203,510	268,341	275,864

Sub-Total	18.53	18.03	18.03	\$1,108,847	\$1,051,616	\$1,077,512
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FTE Total Generation	183.28	184.03	184.03	\$22,677,826	\$23,063,980	\$23,863,522
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TACOMA POWER	2015-16	2017-18	2019-20
Power Management	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$14,634,042	\$16,298,402	\$18,472,631
Employee Benefits	5,165,615	5,679,845	6,034,135
Capital Credit & Labor To/From Others	(196,379)	(698,000)	(317,389)
Total Personnel Costs	19,603,278	21,280,247	24,189,377
Supplies	253,199,726	275,489,058	290,037,584
Services	3,558,645	3,421,421	4,419,355
Other Charges	33,089,837	35,301,232	45,143,411

Total Operation & Maintenance	\$309,451,486	\$335,491,958	\$363,789,727
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Power Management Administrative Staff (566000)

Salaries & Wages	\$592,874	\$1,312,992	\$2,341,996
Employee Benefits	174,591	455,625	659,819
Capital Credit & Labor To/From Others	(3,357)	0	0
Total Personnel Costs	764,107	1,768,617	3,001,815
Supplies	37,710	44,853	50,740
Services	15,081	100,300	305,600
Other Charges	60,888	66,465	119,734

Total	\$877,786	\$1,980,235	\$3,477,889
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Power Contracts, Compliance & Transmission (565000)

Salaries & Wages	\$986,817	\$773,724	\$584,041
Employee Benefits	346,918	267,219	182,281
Capital Credit & Labor To/From Others	20,580	0	0
Total Personnel Costs	1,354,315	1,040,943	766,322
Supplies	6,660	6,602	3,704
Services	15,122	22,000	0
Other Charges	52,348	37,100	49,174

Total	\$1,428,446	\$1,106,645	\$819,200
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TACOMA POWER	2015-16	2017-18	2019-20
Power Management	Biennium Actual	Biennium Budget	Biennium Budget

Real-Time Energy Trading (565200)

Salaries & Wages	\$2,196,912	\$2,299,401	\$3,107,066
Employee Benefits	661,896	647,663	974,028
Capital Credit & Labor To/From Others	0	0	0
Total Personnel Costs	2,858,807	2,947,063	4,081,095
Supplies	19,637	15,105	23,148
Services	119	48,627	60,100
Other Charges	20,265	42,611	43,502
Total	\$2,898,828	\$3,053,406	\$4,207,845

Near Term Trading & Operations (565400)

Salaries & Wages	\$2,671,198	\$3,037,627	\$1,452,960
Employee Benefits	921,090	1,039,878	452,458
Capital Credit & Labor To/From Others	(10,209)	0	0
Total Personnel Costs	3,582,080	4,077,505	1,905,418
Supplies	252,916,784	275,057,679	289,327,937
Services	1,918,071	1,634,815	819,480
Other Charges	31,155,860	32,436,936	42,053,749
Total	\$289,572,795	\$313,206,935	\$334,106,584

EMS/IT Management (565500)

Salaries & Wages	\$724,029	\$984,940	\$1,360,752
Employee Benefits	240,573	336,469	430,996
Capital Credit & Labor To/From Others	(49,353)	(560,000)	(340,189)
Total Personnel Costs	915,249	761,408	1,451,559
Supplies	25,561	49,584	13,668
Services	160,441	400,000	771,700
Other Charges	22,000	37,700	52,866
Total	\$1,123,252	\$1,248,692	\$2,289,793

TACOMA POWER	2015-16	2017-18	2019-20
Power Management	Biennium Actual	Biennium Budget	Biennium Budget

Resource Operations (566600)

Salaries & Wages			\$875,521
Employee Benefits			267,734
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	1,143,255
Supplies			11,024
Services			613,000
Other Charges			303,622
Total	\$0	\$0	\$2,070,901

Supply Planning & Analysis (567100)

Salaries & Wages	\$1,280,792	\$1,430,617	\$1,527,094
Employee Benefits	405,888	458,467	505,211
Capital Credit & Labor To/From Others	0	0	0
Total Personnel Costs	1,686,680	1,889,084	2,032,305
Supplies	19,576	10,104	13,008
Services	185,037	110,000	125,000
Other Charges	137,607	199,500	286,792
Total	\$2,028,901	\$2,208,688	\$2,457,105

Conservation Planning & Analysis (567400)

Salaries & Wages	\$469,027	\$507,109	\$569,319
Employee Benefits	164,703	177,364	180,358
Capital Credit & Labor To/From Others	10,836	0	0
Total Personnel Costs	644,567	684,473	749,677
Supplies	17,458	4,201	6,536
Services	624,517	650,000	678,286
Other Charges	18,321	62,600	58,560
Total	\$1,304,862	\$1,401,274	\$1,493,059

TACOMA POWER	2015-16	2017-18	2019-20
Power Management	Biennium Actual	Biennium Budget	Biennium Budget

Energy Conservation Administration (562000)

Salaries & Wages	\$346,687	\$399,971	\$703,536
Employee Benefits	101,622	107,610	197,823
Capital Credit & Labor To/From Others	4,230	0	0
Total Personnel Costs	452,539	507,580	901,359
Supplies	7,352	3,201	8,436
Services	361,276	40,000	0
Other Charges	336,509	341,400	394,227
Total	\$1,157,676	\$892,181	\$1,304,022

Commercial Energy Conservation (562300)

Salaries & Wages	\$1,863,528	\$1,986,261	\$2,372,635
Employee Benefits	707,909	732,198	825,834
Capital Credit & Labor To/From Others	312,822	(245,000)	22,800
Total Personnel Costs	2,884,259	2,473,459	3,221,269
Supplies	41,928	46,006	48,673
Services	72,204	61,698	350,833
Other Charges	785,732	1,125,000	816,240
Total	\$3,784,122	\$3,706,163	\$4,437,015

Residential Energy Services (562400)

Salaries & Wages	\$1,702,236	\$1,840,987	\$1,449,080
Employee Benefits	694,072	745,974	532,023
Capital Credit & Labor To/From Others	(4,120)	0	0
Total Personnel Costs	2,392,187	2,586,961	1,981,103
Supplies	79,906	37,207	36,042
Services	197,274	200,981	217,062
Other Charges	463,048	604,050	561,604
Total	\$3,132,415	\$3,429,199	\$2,795,811

TACOMA POWER	2015-16	2017-18	2019-20
Power Management	Biennium Actual	Biennium Budget	Biennium Budget

Conservation Information Center (562500)

Salaries & Wages	\$1,799,943	\$1,724,774	\$1,467,515
Employee Benefits	746,354	711,379	589,007
Capital Credit & Labor To/From Others	(477,808)	107,000	0
Total Personnel Costs	2,068,489	2,543,154	2,056,522
Supplies	27,153	62,756	41,168
Services	9,503	125,000	83,000
Other Charges	37,259	261,170	344,759
Total	\$2,142,403	\$2,992,080	\$2,525,449

Community Programs (564000)

Salaries & Wages		\$0	\$661,116
Employee Benefits		0	236,564
Capital Credit & Labor To/From Others		0	0
Total Personnel Costs	0	0	897,680
Supplies		151,760	453,500
Services		28,000	395,294
Other Charges		86,700	58,582
Total	\$0	\$266,460	\$1,805,056

Total Power Management Section	\$309,451,486	\$335,491,958	\$363,789,727
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POWER MANAGEMENT Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
00060	Office Assistant	3.50	3.00	3.00	\$284,553	\$242,124	\$252,465
05820	Utilities Econ, Sr.	2.00	1.00	1.00	354,039	180,069	185,523
06190	Conservation Manager	3.00	2.50	2.00	561,132	471,171	398,258
06200	Conservation Supervisor	5.00	4.00	4.00	777,845	633,315	652,602
06230	Energy Services Representative	1.00	1.00	1.00	117,214	118,038	119,201
06300	Conservation Program Manager	5.00	6.00	6.00	680,569	790,748	822,696
06310	Conservation Program Associate	1.00	1.50	1.50	86,367	143,522	147,558
06320	Conservation Program Coordinator	2.00	2.00	2.00	192,250	212,348	222,757
07370	Administrative Assistant	1.50	1.00	1.00	141,290	94,003	96,654
07380	Office Administrator	1.00	1.00	1.00	92,839	111,614	117,094
08150	Power Section Asst Manager I	2.00	2.00	2.00	489,819	468,747	483,323
08160	Power Section Manager	1.00	1.00	1.00	335,011	343,473	354,461
08170	Power Section Asst Manager II	3.00	3.00	3.00	792,643	810,661	836,170
11090	Management Analyst I	-	1.00	1.00	0	86,697	92,717
11200	Management Analyst II	3.00	-	-	372,653	0	0
11350	Management Analyst III	3.00	6.00	6.00	448,477	880,945	907,546
20600	Engineer, Sr Principal	2.00	-	-	370,317	0	0
20690	Real-Time Energy Trader	6.00	6.00	6.00	1,106,083	1,126,019	1,160,188
20700	Engineer	1.00	-	-	133,305	0	0
20720	Term Energy Trader	1.00	1.00	1.00	225,605	229,758	236,896
20730	Engineer, Principal	3.00	-	-	469,745	0	0
20830	Engineer, Senior	2.00	-	-	314,475	0	0
21330	Power Engineer III	-	5.00	5.00	0	757,799	804,680
21340	Power Engineer IV	-	3.00	3.00	0	550,879	583,294
23260	Conservation Manager, Asst.	-	1.00	1.00	0	171,796	177,069
51230	Power Analyst	9.00	6.00	6.00	1,462,024	996,729	1,049,415
51280	Power Analyst Sr	6.00	10.00	10.00	1,080,613	1,842,584	1,896,041
52480	Power Supervisor I	1.00	-	-	142,413	0	0
52490	Power Supervisor III	-	4.00	4.00	0	725,009	747,176
FTE Total Power Management		68.00	72.00	71.50	\$11,031,280	\$11,988,049	\$12,343,783

TACOMA POWER	2015-16	2017-18	2019-20
Shared Services	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$9,290,909	\$10,121,286	\$12,900,320
Employee Benefits	4,298,512	4,596,083	5,106,032
Capital Credit & Labor To/From Others	(1,563,353)	(1,114,946)	(1,042,000)
Total Personnel Costs	12,026,069	13,602,423	16,964,351
Supplies	1,179,682	1,384,761	1,658,221
Services	2,459,354	3,424,403	4,546,551
Other Charges	2,018,387	2,111,356	2,960,171

Total Operation & Maintenance	\$17,683,492	\$20,522,943	\$26,129,294
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PSS Administration (560201)

Salaries & Wages			\$1,406,649
Employee Benefits			429,127
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	1,835,776
Supplies			23,172
Services			6,000
Other Charges			80,716
Total	\$0	\$0	\$1,945,664

PSS Strategy (560202)

Salaries & Wages			\$1,627,940
Employee Benefits			557,234
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	2,185,173
Supplies			14,376
Services			4,000
Other Charges			834,504
Total	\$0	\$0	\$3,038,053

TACOMA POWER	2015-16	2017-18	2019-20
Shared Services	Biennium Actual	Biennium Budget	Biennium Budget

PSS Training & Development (560400)

Salaries & Wages	\$520,305	\$718,704	\$670,937
Employee Benefits	208,188	340,324	273,957
Capital Credit & Labor To/From Others	(44,660)	0	0
Total Personnel Costs	683,834	1,059,028	944,895
Supplies	320,939	419,673	48,369
Services	160,120	395,669	5,200
Other Charges	71,441	69,512	648,123
Total	\$1,236,334	\$1,943,882	\$1,646,587

PSS Reliability & Compliance (564500)

Salaries & Wages	\$2,230,852	\$2,347,378	\$1,666,030
Employee Benefits	922,733	925,796	605,057
Capital Credit & Labor To/From Others	(165,676)	(64,946)	0
Total Personnel Costs	2,987,908	3,208,228	2,271,087
Supplies	21,798	22,678	27,994
Services	106,186	165,200	100,050
Other Charges	1,192,119	1,229,954	297,267
Total	\$4,308,011	\$4,626,060	\$2,696,398

PSS Mechanical Maintenance (563900)

Salaries & Wages	\$974,308	\$1,054,176	\$1,066,291
Employee Benefits	415,510	430,654	421,139
Capital Credit & Labor To/From Others	(274,159)	(205,000)	(150,000)
Total Personnel Costs	1,115,659	1,279,830	1,337,430
Supplies	276,839	332,952	329,608
Services	192,094	166,186	450,599
Other Charges	21,611	16,650	70,550
Total	\$1,606,203	\$1,795,618	\$2,188,187

TACOMA POWER	2015-16	2017-18	2019-20
Shared Services	Biennium Actual	Biennium Budget	Biennium Budget

PSS Facilities (568600)

Salaries & Wages	\$1,075,609	\$1,247,990	\$1,070,525
Employee Benefits	400,974	470,871	371,539
Capital Credit & Labor To/From Others	(322,090)	(270,000)	(70,000)
Total Personnel Costs	1,154,492	1,448,861	1,372,063
Supplies	52,612	53,804	412,340
Services	82,820	1,284,545	616,152
Other Charges	421,786	753,200	910,505
Total	\$1,711,710	\$3,540,410	\$3,311,060

PSS Security Operations (568601)

Salaries & Wages			\$489,386
Employee Benefits			167,077
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	656,463
Supplies			215,336
Services			1,530,000
Other Charges			19,332
Total	\$0	\$0	\$2,421,131

PSS Building Maintenance (568700)

Salaries & Wages	\$2,667,138	\$2,729,824	\$2,673,982
Employee Benefits	1,437,224	1,411,421	1,280,109
Capital Credit & Labor To/From Others	(138,812)	(155,000)	(172,000)
Total Personnel Costs	3,965,550	3,986,245	3,782,091
Supplies	408,068	413,803	461,196
Services	1,406,453	352,965	283,894
Other Charges	274,739	16,100	53,688
Total	\$6,054,811	\$4,769,113	\$4,580,869

TACOMA POWER	2015-16	2017-18	2019-20
Shared Services	Biennium Actual	Biennium Budget	Biennium Budget

PSS Grounds Maintenance (568800)

Salaries & Wages	\$1,822,697	\$2,023,214	\$2,228,580
Employee Benefits	913,885	1,017,017	1,000,793
Capital Credit & Labor To/From Others	(617,955)	(420,000)	(650,000)
Total Personnel Costs	2,118,626	2,620,231	2,579,374
Supplies	99,425	141,851	125,830
Services	511,681	1,059,838	1,550,656
Other Charges	36,691	25,940	45,486
Total	\$2,766,424	\$3,847,860	\$4,301,346

Total Shared Services Section	\$17,683,492	\$20,522,943	\$26,129,294
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SHARED SERVICES Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
07200	Project Manager	-	1.00	1.00	\$0	\$141,369	\$152,128
07370	Administrative Assistant	3.00	3.00	3.00	264,859	268,102	279,059
07380	Office Administrator	-	1.00	1.00	0	100,082	107,229
08020	Community Relations Spec.	-	1.00	1.00	0	112,058	120,237
08150	Power Section Asst Manager I	2.00	2.00	2.00	477,941	462,748	487,472
08160	Power Section Manager	-	1.00	1.00	0	281,681	304,004
08170	Power Section Asst Manager II	2.00	2.00	2.00	521,836	540,440	557,446
11090	Management Analyst I	3.00	3.00	3.00	307,650	273,222	280,812
11200	Management Analyst II	3.00	5.00	5.00	349,774	563,383	584,528
11350	Management Analyst III	4.00	1.00	1.00	541,892	151,750	156,349
12110	Community Relations Officer	-	1.00	1.00	0	125,335	134,686
20120	Engineering Tech III	1.00	1.00	1.00	115,415	117,277	120,709
20700	Engineer	3.00	-	-	417,810	0	0
20830	Engineer, Senior	1.00	-	-	157,238	0	0
21320	Power Engineer II	-	2.00	2.00	0	268,053	281,635
21330	Power Engineer III	-	1.00	1.00	0	166,269	171,374
50400	Grounds Maint Worker	10.00	10.00	10.00	911,904	913,397	944,317
50410	Grounds Maint Crew Leader	4.00	4.00	4.00	433,762	435,482	454,414
50420	Grounds Maint Supv	1.00	1.00	1.00	135,024	136,511	140,601
51230	Power Analyst	-	1.00	1.00	0	138,926	143,098
51450	Heating/AC Maint Mech Supv	1.00	1.00	1.00	145,581	142,432	143,871
52360	Electrician	2.00	2.00	2.00	236,759	240,455	242,842
52490	Power Supervisor III	-	1.00	1.00	0	183,208	181,989
52510	Power Supervisor II	3.00	4.00	4.00	521,417	643,847	670,379
60020	Custodian	15.00	15.00	15.00	1,148,402	1,137,180	1,168,422
60050	Building Maint Worker	3.00	3.00	3.00	282,960	277,089	288,641
60060	Building Maint Supv Asst	3.00	3.00	3.00	326,665	327,237	336,668
60080	Facilities Maint Mechanic	3.00	3.00	3.00	335,928	337,164	341,416
60100	Building Maint Supv	1.00	1.00	1.00	120,849	134,901	138,925

Sub-Total	68.00	74.00	74.00	\$7,753,665	\$8,619,598	\$8,933,250
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Temporary Employees:

50010 Laborer	1.25	1.25	1.25	60,821	63,499	64,980
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FTE Total Shared Services	69.25	75.25	75.25	\$7,814,486	\$8,683,097	\$8,998,230
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TACOMA POWER	2015-16	2017-18	2019-20
Rates, Planning & Analysis	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$3,496,522	\$4,926,133	\$5,713,670
Employee Benefits	1,202,672	1,710,202	1,852,198
Capital Credit & Labor To/From Others	(111,021)	0	0
Total Personnel Costs	4,588,173	6,636,336	7,565,868
Supplies	147,357	89,493	80,224
Services	850,959	971,056	1,257,824
Other Charges	352,381	461,094	1,149,103
Total Operation & Maintenance	\$5,938,870	\$8,157,979	\$10,053,019

RPA Management (560500)

Salaries & Wages	\$453,690	\$635,712	\$837,346
Employee Benefits	129,747	185,541	251,549
Capital Credit & Labor To/From Others	(45,420)	0	0
Total Personnel Costs	538,017	821,252	1,088,894
Supplies	54,043	37,881	22,100
Services	441,749	35,000	110,000
Other Charges	62,684	51,594	125,135
Total	\$1,096,493	\$945,727	\$1,346,129

Construction Project Management Office (560501)

Salaries & Wages			\$820,741
Employee Benefits			257,460
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	1,078,201
Supplies			18,204
Services			136,200
Other Charges			545,050
Total	\$0	\$0	\$1,777,655

TACOMA POWER	2015-16	2017-18	2019-20
Rates, Planning & Analysis	Biennium Actual	Biennium Budget	Biennium Budget

Financial & Business Planning (563000)

Salaries & Wages	\$1,460,116	\$2,512,694	\$548,223
Employee Benefits	513,434	912,607	214,856
Capital Credit & Labor To/From Others	119,614	0	0
Total Personnel Costs	2,093,164	3,425,301	763,078
Supplies	27,772	39,907	5,340
Services	164,627	489,086	0
Other Charges	45,926	135,070	311
Total	\$2,331,488	\$4,089,364	\$768,729

Strategic Asset Management (563001)

Salaries & Wages			\$1,261,912
Employee Benefits			414,785
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	1,676,697
Supplies			15,040
Services			537,000
Other Charges			169,963
Total	\$0	\$0	\$2,398,700

Energy Risk Management (565100)

Salaries & Wages	\$853,050	\$1,067,217	\$867,868
Employee Benefits	284,739	355,204	271,018
Capital Credit & Labor To/From Others	(117,459)	0	0
Total Personnel Costs	1,020,330	1,422,421	1,138,885
Supplies	59,529	6,903	11,100
Services	119,685	130,000	63,225
Other Charges	158,683	213,660	233,460
Total	\$1,358,227	\$1,772,984	\$1,446,670

TACOMA POWER	2015-16	2017-18	2019-20
Rates, Planning & Analysis	Biennium Actual	Biennium Budget	Biennium Budget

Rates & Forecasting (565800)

Salaries & Wages	\$729,667	\$710,512	\$1,377,582
Employee Benefits	274,752	256,850	442,531
Capital Credit & Labor To/From Others	(67,757)	0	0
Total Personnel Costs	936,663	967,362	1,820,113
Supplies	6,013	4,802	8,440
Services	124,898	316,970	411,399
Other Charges	85,088	60,770	75,184
Total	\$1,152,662	\$1,349,904	\$2,315,136

Total Rates, Planning & Analysis Section	\$5,938,870	\$8,157,979	\$10,053,019
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RATES, PLANNING & ANALYSIS Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
05800	Utilities Economist	2.00	-	-	\$264,266	\$0	\$0
05820	Utilities Economist, Sr.	2.00	1.00	1.00	349,410	180,069	185,523
07370	Administrative Assistant	1.00	1.00	1.00	90,509	78,117	80,206
07380	Office Administrator	-	1.00	1.00	0	114,123	117,453
08150	Power Section Asst Manager I	2.00	2.00	2.00	378,284	445,769	469,061
08160	Power Section Manager	1.00	1.00	1.00	335,011	343,473	354,461
08170	Power Section Asst Manager II	1.00	2.00	2.00	260,517	483,631	496,656
11200	Management Analyst II	2.00	3.00	3.00	248,436	336,476	351,035
11350	Management Analyst III	2.00	4.00	4.00	242,505	531,782	566,321
51230	Power Analyst	2.00	3.00	3.00	334,115	509,666	519,835
51280	Power Analyst Sr	3.00	3.00	3.00	522,404	513,658	535,206
52510	Power Supervisor II	-	1.00	1.00	0	160,208	168,848

FTE Total Rates, Planning & Analysis	18.00	22.00	22.00	\$3,025,458	\$3,696,971	\$3,844,604
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TACOMA POWER	2015-16	2017-18	2019-20
Transmission & Distribution	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$70,797,578	\$75,243,513	\$78,958,188
Employee Benefits	25,845,614	26,936,993	25,781,412
Capital Credit & Labor To/From Others	(24,372,275)	(20,782,776)	(26,345,657)
Total Personnel Costs	72,270,917	81,397,730	78,393,942
Supplies	443,321	585,218	(257,920)
Services	14,704,192	16,529,316	16,185,734
Other Charges	(994,016)	(1,040,923)	(900,019)
Assessments	(489,282)	0	0
Taxes	64,374	68,000	74,000

Total Operation & Maintenance	\$85,999,506	\$97,539,340	\$93,495,737
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TD Administration (563100)

Salaries & Wages	\$2,427,364	\$655,487	\$1,085,067
Employee Benefits	804,428	186,582	369,311
Capital Credit & Labor To/From Others	16,469	0	0
Total Personnel Costs	3,248,261	842,070	1,454,378
Supplies	19,896	5,511	14,050
Services	89,577	97,497	589,781
Other Charges	149,117	80,505	85,266
Total	\$3,506,850	\$1,025,582	\$2,143,475

TD Safety (563600)

Salaries & Wages	\$254,734	\$264,269	\$290,763
Employee Benefits	84,927	88,509	88,155
Capital Credit & Labor To/From Others	0	0	0
Total Personnel Costs	339,660	352,779	378,919
Supplies	315,192	257,393	177,148
Services	37,147	78,535	109,526
Other Charges	14,484	15,130	44,142
Total	\$706,484	\$703,837	\$709,735

TACOMA POWER	2015-16	2017-18	2019-20
Transmission & Distribution	Biennium Actual	Biennium Budget	Biennium Budget

TD Standards & Materials (561700)

Salaries & Wages	\$586,705	\$606,354	
Employee Benefits	228,849	233,220	
Capital Credit & Labor To/From Others	772	0	
Total Personnel Costs	816,325	839,574	0
Supplies	8,266	7,110	
Services	0	3,000	
Other Charges	19,658	10,438	
Total	\$844,249	\$860,122	\$0

TD Line Clearance Tree Trimming (563302)

Salaries & Wages	\$2,008,361	\$2,059,059	\$1,954,878
Employee Benefits	782,693	750,383	664,266
Capital Credit & Labor To/From Others	114,185	(48,000)	(26,454)
Total Personnel Costs	2,905,239	2,761,442	2,592,691
Supplies	94,646	33,401	33,912
Services	4,662,277	4,198,365	4,977,646
Other Charges	24,244	22,155	20,690
Total	\$7,686,406	\$7,015,363	\$7,624,939

TD C & M Line Operations (563400)

Salaries & Wages	\$20,067,433	\$20,713,916	\$22,138,067
Employee Benefits	6,722,503	7,100,530	6,387,644
Capital Credit & Labor To/From Others	(14,264,393)	(12,430,685)	(16,908,842)
Total Personnel Costs	12,525,543	15,383,760	11,616,869
Supplies	(1,392,260)	(1,141,847)	(2,021,586)
Services	5,751,526	7,393,856	4,264,655
Other Charges	102,782	261,040	76,745
Total	\$16,987,590	\$21,896,809	\$13,936,683

TACOMA POWER	2015-16	2017-18	2019-20
Transmission & Distribution	Biennium Actual	Biennium Budget	Biennium Budget

TD Trouble Crews (565900)

Salaries & Wages	\$2,074,231	\$2,039,209	\$2,292,433
Employee Benefits	631,244	640,458	634,897
Capital Credit & Labor To/From Others	88,202	(210,678)	(96,892)
Total Personnel Costs	2,793,677	2,468,989	2,830,439
Supplies	124,152	17,541	60,904
Services	406,422	716,804	339,705
Other Charges	19,735	29,562	10,945
Total	\$3,343,986	\$3,232,896	\$3,241,993

TD System Maintenance & Substations (563300)

Salaries & Wages	\$12,604,830	\$13,374,113	\$13,018,001
Employee Benefits	4,489,752	4,592,541	4,270,321
Capital Credit & Labor To/From Others	(4,322,007)	(2,326,000)	(2,577,382)
Total Personnel Costs	12,772,575	15,640,654	14,710,941
Supplies	330,180	480,593	513,359
Services	1,821,897	1,968,410	2,398,543
Other Charges	495,746	479,948	548,706
Taxes	64,374	68,000	74,000
Total	\$15,484,772	\$18,637,605	\$18,245,549

TD Line Maintenance Planning (563301)

Salaries & Wages	\$82,244	\$890,127	\$661,501
Employee Benefits	317,375	321,429	225,514
Capital Credit & Labor To/From Others	828,291	(370,000)	(549,960)
Total Personnel Costs	1,227,910	841,556	337,055
Supplies	98,495	13,803	16,404
Services	329,600	305,186	344,449
Other Charges	23,008	52,000	39,663
Total	\$1,679,013	\$1,212,545	\$737,571

TACOMA POWER	2015-16	2017-18	2019-20
Transmission & Distribution	Biennium Actual	Biennium Budget	Biennium Budget

TD Asset Management (563303)

Salaries & Wages	\$339,174	\$412,492	\$657,163
Employee Benefits	148,728	155,823	235,886
Capital Credit & Labor To/From Others	0	0	0
Total Personnel Costs	487,901	568,315	893,049
Supplies	4,640	4,101	6,224
Services	14,225	10,000	10,160
Other Charges	12,325	8,086	135,670
Total	\$519,092	\$590,502	\$1,045,103

TD HFC Network Construction (562700)

Salaries & Wages	\$1,003,872	\$1,145,374	\$1,191,966
Employee Benefits	436,715	488,283	474,295
Capital Credit & Labor To/From Others	(512,679)	(576,432)	(645,532)
Total Personnel Costs	927,909	1,057,225	1,020,729
Supplies	108,678	121,155	118,416
Services	571,569	630,848	630,907
Other Charges	16,652	20,000	466
Total	\$1,624,809	\$1,829,228	\$1,770,518

TD HFC Network Engineering (562800)

Salaries & Wages	\$212,840	\$445,441	\$549,759
Employee Benefits	90,685	200,401	211,197
Capital Credit & Labor To/From Others	(79,730)	(77,152)	(248,940)
Total Personnel Costs	223,795	568,690	512,016
Supplies	7,516	4,742	6,444
Services	113,020	199,570	137,546
Other Charges	13,427	38,340	53,458
Total	\$357,757	\$811,342	\$709,464

TACOMA POWER	2015-16	2017-18	2019-20
Transmission & Distribution	Biennium Actual	Biennium Budget	Biennium Budget

TD Utility Staff Support (560300)

Salaries & Wages	\$2,056,721	\$2,097,070	\$2,857,872
Employee Benefits	979,113	1,010,138	1,183,372
Capital Credit & Labor To/From Others	(10,695)	0	(97,728)
Total Personnel Costs	3,025,138	3,107,207	3,943,516
Supplies	114,423	93,111	115,406
Services	8,007	2,760	31,502
Other Charges	23,279	29,285	59,072
Total	\$3,170,847	\$3,232,363	\$4,149,496

TD Electrical Inspection (562200)

Salaries & Wages	\$2,165,350	\$2,293,087	\$2,318,017
Employee Benefits	869,672	899,123	836,553
Capital Credit & Labor To/From Others	(714)	0	0
Total Personnel Costs	3,034,309	3,192,211	3,154,570
Supplies	24,760	22,005	28,266
Services	150,589	238,484	93,787
Other Charges	115,366	104,194	8,208
Total	\$3,325,024	\$3,556,894	\$3,284,831

TD Meter, Relay & Line Services (563700)

Salaries & Wages	\$4,358,372	\$4,386,000	\$5,013,546
Employee Benefits	1,689,128	1,601,837	1,736,410
Capital Credit & Labor To/From Others	(245,897)	(138,406)	(118,000)
Total Personnel Costs	5,801,603	5,849,431	6,631,956
Supplies	169,262	195,255	176,860
Services	300,617	384,439	950,902
Other Charges	(455,597)	(378,396)	(319,444)
Total	\$5,815,885	\$6,050,729	\$7,440,274

TACOMA POWER	2015-16	2017-18	2019-20
Transmission & Distribution	Biennium Actual	Biennium Budget	Biennium Budget

TD New Services Engineering (569700)

Salaries & Wages	\$2,194,610	\$2,778,210	\$2,503,725
Employee Benefits	794,321	974,693	873,572
Capital Credit & Labor To/From Others	(1,510,522)	(1,300,000)	(1,800,000)
Total Personnel Costs	1,478,409	2,452,903	1,577,297
Supplies	(33,553)	(56,200)	(48,434)
Services	68,839	93,518	75,772
Other Charges	9,282	25,348	48,323
Total	\$1,522,976	\$2,515,569	\$1,652,958

TD Engineering Products & Services (560800)

Salaries & Wages	\$1,718,057	\$2,955,838	\$3,422,722
Employee Benefits	810,660	1,346,616	1,411,780
Capital Credit & Labor To/From Others	(352,695)	(691,300)	(680,000)
Total Personnel Costs	2,176,022	3,611,155	4,154,502
Supplies	26,357	37,214	35,028
Services	13,243	7,000	5,000
Other Charges	74,167	99,400	168,190
Total	\$2,289,790	\$3,754,769	\$4,362,720

TD Protection & Control Engineering (562900)

Salaries & Wages	\$1,725,595	\$1,916,920	\$1,705,661
Employee Benefits	650,855	714,301	576,617
Capital Credit & Labor To/From Others	(1,165,016)	(885,848)	(329,288)
Total Personnel Costs	1,211,434	1,745,373	1,952,990
Supplies	27,982	22,106	19,276
Services	5,357	13,450	420
Other Charges	79,244	74,166	88,627
Total	\$1,324,017	\$1,855,095	\$2,061,313

TACOMA POWER	2015-16	2017-18	2019-20
Transmission & Distribution	Biennium Actual	Biennium Budget	Biennium Budget

TD Projects and Services (564700)

Salaries & Wages	\$1,066,513	\$1,578,957	\$1,167,037
Employee Benefits	340,624	528,927	355,238
Capital Credit & Labor To/From Others	(716,627)	(382,768)	(300,000)
Total Personnel Costs	690,510	1,725,116	1,222,275
Supplies	10,158	13,304	13,172
Services	7,312	0	100
Other Charges	10,463	41,388	11,750
Total	\$718,443	\$1,779,808	\$1,247,297

TD Substation Engineering (568200)

Salaries & Wages	\$917,724	\$990,991	\$1,303,124
Employee Benefits	318,668	341,973	424,171
Capital Credit & Labor To/From Others	(642,915)	(357,861)	(277,532)
Total Personnel Costs	593,477	975,103	1,449,762
Supplies	12,801	10,803	15,940
Services	69	0	300
Other Charges	25,981	27,704	73,521
Total	\$632,328	\$1,013,610	\$1,539,523

TD Engineering Technical Services (568300)

Salaries & Wages	\$928,233		
Employee Benefits	390,975		
Capital Credit & Labor To/From Others	(331,132)		
Total Personnel Costs	988,076	0	0
Supplies	9,885		
Services	698		
Other Charges	1,386		
Total	\$1,000,045	\$0	\$0

TACOMA POWER	2015-16	2017-18	2019-20
Transmission & Distribution	Biennium Actual	Biennium Budget	Biennium Budget

TD Central Business District Engr (568500)

Salaries & Wages	\$494,457	\$521,490	\$567,385
Employee Benefits	168,075	176,741	179,077
Capital Credit & Labor To/From Others	(355,142)	(25,881)	(520,000)
Total Personnel Costs	307,391	672,350	226,462
Supplies	6,875	7,301	6,536
Services	10,000	0	0
Other Charges	5,856	8,042	11,127
Total	\$330,121	\$687,693	\$244,125

TD Line Engineering (569600)

Salaries & Wages	\$963,692	\$997,303	\$2,108,218
Employee Benefits	334,427	342,655	683,015
Capital Credit & Labor To/From Others	(826,699)	(846,075)	(1,147,829)
Total Personnel Costs	471,419	493,883	1,643,404
Supplies	9,721	7,403	19,344
Services	100,346	6,009	11,589
Other Charges	22,511	27,102	53,189
Total	\$603,999	\$534,397	\$1,727,526

TD System Operations (565300)

Salaries & Wages	\$6,862,855	\$7,346,031	\$7,535,734
Employee Benefits	2,240,633	2,316,943	2,226,689
Capital Credit & Labor To/From Others	(43,697)	(64,256)	(21,278)
Total Personnel Costs	9,059,791	9,598,717	9,741,144
Supplies	80,703	93,538	107,350
Services	127,715	145,481	270,197
Other Charges	142,794	324,446	125,664
Total	\$9,411,004	\$10,162,182	\$10,244,355

TACOMA POWER	2015-16	2017-18	2019-20
Transmission & Distribution	Biennium Actual	Biennium Budget	Biennium Budget

TD System Planning & Analysis (569500)

Salaries & Wages	\$1,081,018	\$1,620,652	\$1,851,927
Employee Benefits	363,935	532,552	552,162
Capital Credit & Labor To/From Others	(36,860)	(51,434)	0
Total Personnel Costs	1,408,092	2,101,770	2,404,089
Supplies	9,943	8,604	13,091
Services	69	0	900,107
Other Charges	59,726	80,615	69,214
Total	\$1,477,829	\$2,190,989	\$3,386,501

TD Tool & Equipment Rooms (567700)

Salaries & Wages	\$145,926	\$155,769	\$159,006
Employee Benefits	67,963	69,369	67,757
Capital Credit & Labor To/From Others	933	0	0
Total Personnel Costs	214,821	225,138	226,763
Supplies	5,562	2,733	3,868
Services	47	0	0
Other Charges	195	1,300	2,800
Total	\$220,624	\$229,171	\$233,431

TD Business & Financial Mgmt (569400)

Salaries & Wages	\$846,921	\$1,319,091	\$1,034,707
Employee Benefits	316,047	533,670	418,184
Capital Credit & Labor To/From Others	5,199	0	0
Total Personnel Costs	1,168,168	1,852,762	1,452,891
Supplies	276,301	288,185	283,178
Services	11,102	210	280
Other Charges	14,195	19,087	20,010
Total	\$1,469,766	\$2,160,244	\$1,756,359

TACOMA POWER	2015-16	2017-18	2019-20
Transmission & Distribution	Biennium Actual	Biennium Budget	Biennium Budget

TD Warehouse (578700)

Salaries & Wages	\$1,609,746	\$1,680,265	\$1,569,908
Employee Benefits	772,622	789,297	695,329
Capital Credit & Labor To/From Others	(8,905)	0	0
Total Personnel Costs	2,373,463	2,469,561	2,265,237
Supplies	(27,261)	36,353	27,924
Services	102,923	35,894	42,860
Other Charges	(2,014,042)	(2,541,808)	(2,336,021)
Assessments	(489,282)	0	0
Total	(\$54,200)	\$0	\$0

Total Transmission & Distribution Section	\$85,999,506	\$97,539,340	\$93,495,737
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TRANSMISSION & DISTRIBUTION Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
00060	Office Assistant	3.00	3.00	3.00	\$255,537	\$238,481	\$244,942
01380	T&D Work Practices Specialist	1.00	-	-	136,899	0	0
03010	Warehouse Tech	7.00	6.00	6.00	685,305	572,566	575,469
03020	Warehouse Tech Sr.	3.00	3.00	3.00	320,995	313,790	314,969
05040	Financial Assistant	3.00	2.00	2.00	278,998	183,628	188,760
06130	Utility Services Rep I	10.50	11.00	11.00	1,057,201	1,122,549	1,160,347
06140	Utility Services Rep II	1.00	1.00	1.00	133,488	134,918	138,952
06170	Utility Service Specialist	5.00	5.00	5.00	708,635	720,080	728,425
07200	Project Manager	1.00	-	-	158,288	0	0
07370	Administrative Assistant	3.00	4.00	4.00	279,740	347,633	361,500
07380	Office Administrator	2.00	2.00	2.00	206,142	228,246	234,905
08150	Power Section Asst Manager I	4.00	4.00	4.00	847,355	890,577	937,040
08160	Power Section Manager	1.00	1.00	1.00	335,011	307,891	332,502
08170	Power Section Asst Manager II	3.00	4.00	4.00	738,460	993,286	1,040,721
11090	Management Analyst I	3.00	3.00	3.00	304,421	291,925	300,162
11200	Management Analyst II	4.00	4.00	4.00	514,569	439,312	457,321
11350	Management Analyst III	2.00	3.00	3.00	299,214	439,629	459,103
20040	Engr Technician IV	4.00	4.00	4.00	500,049	505,835	520,859
20100	Engr Technician I	8.00	4.00	4.00	740,100	372,917	387,725
20110	Engr Technician II	4.00	7.00	7.00	426,324	746,188	768,702
20120	Engr Technician III	5.00	6.00	6.00	575,293	699,890	720,286
20680	Engineer, Associate	4.00	-	-	491,323	0	0
20700	Engineer	2.00	-	-	274,591	0	0
20730	Engineer, Principal	8.00	-	-	1,351,109	0	0
20820	Engineer, Professional	8.00	-	-	1,251,222	0	0
20830	Engineer, Senior	3.00	-	-	454,358	0	0
21250	Electrical Inspector	8.75	8.00	8.00	1,129,407	1,053,490	1,072,901
2125A	Electrical Inspector 6.3%	2.00	2.00	2.00	282,196	284,066	288,132
21310	Power Engineer I	-	4.00	4.00	0	497,649	512,366
21320	Power Engineer II	-	2.00	2.00	0	259,725	268,230
21330	Power Engineer III	-	14.00	14.00	0	2,259,286	2,343,082
21340	Power Engineer IV	-	9.00	9.00	0	1,674,055	1,754,022
50030	Trans & Distrib Flagger	1.00	1.00	1.00	78,352	78,059	78,777
51160	Substation Oper Sr	5.00	4.00	4.00	694,190	561,434	569,511
51190	Systems Pwr Dispatch Cand	2.00	2.00	2.00	273,079	292,530	296,788
51200	Systems Pwr Dispatch Generation	6.00	6.00	6.00	1,015,132	1,027,296	1,039,319
5120B	Systems Pwr Dispatch 90.94% Dist	8.00	8.00	8.00	1,223,266	1,230,470	1,251,709
5120C	Systems Pwr Dis 108.06% Coord	3.00	3.00	3.00	541,942	549,954	555,839
51230	Power Analyst	1.00	-	-	170,280	0	0
52300	Electrical Meter & Relay Tech	6.50	7.00	7.00	894,410	963,007	980,324
52301	Elec Meter & Rel-Adv Trng 1%	1.00	1.00	1.00	139,930	140,208	141,623
52308	Elec Meter & Rel-Adv Trng 14.25%	8.00	8.00	8.00	1,243,879	1,258,974	1,277,268
52309	Elec Meter & Rel-Adv Trng 25%	3.00	3.00	3.00	506,649	513,365	520,109
52380	Tool & Equip Room Coord	1.00	1.00	1.00	111,979	112,670	113,775

TRANSMISSION & DISTRIBUTION Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
5241A	Line Electrician Appr Stp1-7	9.00	15.00	15.00	1,005,628	1,740,276	1,779,565
5243A	Wire Electrician, Appr	8.00	13.00	13.00	862,023	1,519,322	1,555,060
52450	Wire Electrician	27.00	19.00	19.00	3,779,259	2,684,145	2,720,210
52460	Wire Electrician, Sr	19.00	19.00	19.00	2,955,140	2,971,730	3,011,998
52480	Power Supervisor I	4.00	4.00	4.00	544,354	577,017	594,386
52490	Power Supervisor III	17.00	16.00	16.00	3,348,769	3,059,902	3,183,391
52510	Power Supervisor II	3.00	3.00	3.00	518,534	520,895	541,989
52520	Trans & Distrib Arborist	1.00	1.00	1.00	143,858	145,426	146,896
52530	Line Clear Tree Trimmer	7.00	6.00	6.00	878,079	751,275	761,090
5254C	Line Clear Tree Trimmer, Sr 3% ISA	2.00	2.00	2.00	279,195	282,095	284,940
52550	Line Electrician	45.00	35.00	36.00	6,370,778	5,001,611	5,208,541
5255B	Line Electrician 6% Trouble Crew	6.00	6.00	6.00	899,787	920,167	930,811
52560	Line Equipment Operator	10.00	9.00	9.00	1,206,501	1,094,014	1,107,906
52570	Line Electrician Sr	21.00	18.00	19.00	3,312,202	2,869,025	3,065,084
55160	Telecom Utility Worker	2.00	2.00	2.00	161,017	149,341	153,291
55390	Telecom Plan & Design Tech	2.00	2.00	2.00	202,394	219,589	229,964
55400	Telecom Network Const Tech	4.00	4.00	4.00	462,518	454,729	472,185
FTE Total Transmission & Distribution		345.75	334.00	336.00	\$48,559,356	\$47,266,136	\$48,683,776

TACOMA POWER	2015-16	2017-18	2019-20
Utility Technology Services	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$12,182,026	\$16,654,163	\$21,571,817
Employee Benefits	4,486,447	6,153,053	7,406,300
Capital Credit & Labor To/From Others	(4,574,429)	(7,085,198)	(9,230,342)
Total Personnel Costs	12,094,044	15,722,018	19,747,776
Supplies	632,284	588,678	1,758,808
Services	2,707,916	3,362,721	9,048,227
Other Charges	2,794,232	3,114,257	5,706,072

Total Operation & Maintenance	\$18,228,475	\$22,787,674	\$36,260,883
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UTS Desktop Support (560100)

Salaries & Wages	\$1,302,580	\$1,628,345	\$1,662,058
Employee Benefits	580,817	705,923	723,746
Capital Credit & Labor To/From Others	(1,879,093)	(2,722,088)	(2,707,557)
Total Personnel Costs	4,303	(387,821)	(321,753)
Supplies	9,591	135,959	150,604
Services	1,342,425	1,619,781	1,645,073
Other Charges	6,081	192,462	164,500
Total	\$1,362,400	\$1,560,381	\$1,638,424

UTS Project Management Office (562600)

Salaries & Wages	\$1,265,270	\$1,568,012	\$1,989,219
Employee Benefits	498,332	579,297	667,254
Capital Credit & Labor To/From Others	(343,929)	(670,000)	(979,500)
Total Personnel Costs	1,419,673	1,477,310	1,676,973
Supplies	20,135	18,305	31,948
Services	163,944	50,000	676,000
Other Charges	75,233	75,875	105,800
Total	\$1,678,986	\$1,621,490	\$2,490,721

TACOMA POWER	2015-16	2017-18	2019-20
Utility Technology Services	Biennium Actual	Biennium Budget	Biennium Budget

UTS Networking, Telecom & Transport Services (563200)

Salaries & Wages	\$3,076,084	\$3,796,948	\$2,651,928
Employee Benefits	1,109,427	1,426,139	885,294
Capital Credit & Labor To/From Others	(1,204,200)	(1,358,000)	(549,570)
Total Personnel Costs	2,981,312	3,865,086	2,987,652
Supplies	300,448	199,592	148,516
Services	183,243	253,270	1,051,682
Other Charges	207,482	253,500	1,369,299
Total	\$3,672,485	\$4,571,448	\$5,557,149

UTS Operational Information Systems (564300)

Salaries & Wages	\$1,687,669	\$1,583,955	\$2,082,964
Employee Benefits	644,981	569,946	671,307
Capital Credit & Labor To/From Others	(378,942)	(450,000)	82,685
Total Personnel Costs	1,953,708	1,703,901	2,836,956
Supplies	61,942	27,235	28,944
Services	69,515	130,000	250,000
Other Charges	672,779	576,100	722,187
Total	\$2,757,944	\$2,437,236	\$3,838,087

UTS AMI Program Office (564301)

Salaries & Wages			\$1,287,130
Employee Benefits			418,906
Capital Credit & Labor To/From Others			(3,416,764)
Total Personnel Costs	0	0	(1,710,728)
Supplies			27,008
Services			2,568,128
Other Charges			786,156
Total	\$0	\$0	\$1,670,564

TACOMA POWER	2015-16	2017-18	2019-20
Utility Technology Services	Biennium Actual	Biennium Budget	Biennium Budget

UTS Cybersecurity Systems (564600)

Salaries & Wages		\$1,247,698	\$2,234,172
Employee Benefits		470,717	785,415
Capital Credit & Labor To/From Others		(325,000)	(450,318)
Total Personnel Costs	0	1,393,415	2,569,269
Supplies		19,444	37,600
Services		50,000	735,000
Other Charges		225,800	348,950
Total	\$0	\$1,688,659	\$3,690,819

UTS Administration (564900)

Salaries & Wages	\$1,089,989	\$1,624,599	\$2,864,005
Employee Benefits	299,812	483,653	897,382
Capital Credit & Labor To/From Others	(10,322)	0	0
Total Personnel Costs	1,379,478	2,108,252	3,761,387
Supplies	138,513	81,533	114,540
Services	227,759	191,000	936,000
Other Charges	67,429	113,000	478,799
Total	\$1,813,179	\$2,493,785	\$5,290,726

UTS Energy Management Systems (565301)

Salaries & Wages	\$795,317	\$1,047,057	\$592,802
Employee Benefits	262,801	349,523	179,053
Capital Credit & Labor To/From Others	(108,153)	(200,000)	(50,271)
Total Personnel Costs	949,964	1,196,580	721,584
Supplies	24,973	9,233	6,936
Services	518,169	350,000	400,000
Other Charges	829,900	630,600	70,325
Total	\$2,323,006	\$2,186,413	\$1,198,845

TACOMA POWER	2015-16	2017-18	2019-20
Utility Technology Services	Biennium Actual	Biennium Budget	Biennium Budget

UTS Service Desk (566200)

Salaries & Wages		\$418,556	
Employee Benefits		199,702	
Capital Credit & Labor To/From Others		(695,910)	
Total Personnel Costs	0	(77,652)	0
Supplies		34,442	
Services		408,670	
Other Charges		42,710	
Total	\$0	\$408,170	\$0

UTS Service Management Office (566300)

Salaries & Wages			\$1,219,643
Employee Benefits			450,130
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	1,669,773
Supplies			1,033,934
Services			132,700
Other Charges			183,822
Total	\$0	\$0	\$3,020,229

UTS Network & Communications System Engineering (568000)

Salaries & Wages	\$1,536,033	\$1,842,830	\$3,268,458
Employee Benefits	576,104	701,865	1,111,977
Capital Credit & Labor To/From Others	(468,696)	(438,000)	(689,570)
Total Personnel Costs	1,643,440	2,106,695	3,690,865
Supplies	57,527	28,986	157,684
Services	11,746	200,000	151,100
Other Charges	255,901	273,900	176,914
Total	\$1,968,614	\$2,609,581	\$4,176,563

TACOMA POWER	2015-16	2017-18	2019-20
Utility Technology Services	Biennium Actual	Biennium Budget	Biennium Budget

UTS Operational Application User Support (569800)

Salaries & Wages	\$1,429,085	\$1,896,163	\$1,719,439
Employee Benefits	514,173	666,288	615,836
Capital Credit & Labor To/From Others	(181,093)	(226,200)	(469,477)
Total Personnel Costs	1,762,165	2,336,251	1,865,797
Supplies	19,155	33,949	21,094
Services	191,115	110,000	502,544
Other Charges	679,427	730,310	1,299,320
Total	\$2,651,863	\$3,210,510	\$3,688,755

Total Utility Technology Services Section	\$18,228,475	\$22,787,674	\$36,260,883
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UTILITY TECHNOLOGY SERVICES Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
01180	Info Tech Helpdesk Specialist	2.00	2.00	2.00	\$174,315	\$172,950	\$180,999
01240	Computer Support Technician	7.00	6.00	6.00	724,722	603,615	627,377
01510	IT Analyst, Senior	1.25	2.00	2.00	178,218	252,280	259,750
01520	IT Analyst, Senior Technical	1.00	1.00	1.00	162,177	115,816	124,259
07070	IT Project Manager	-	2.00	2.00	0	317,138	332,690
07080	IT Project Manager, Senior	-	2.00	2.00	0	347,083	357,583
07200	Project Manager	4.00	-	-	619,616	0	0
07370	Administrative Assistant	3.00	3.00	3.00	263,238	254,359	268,550
07380	Office Administrator	1.00	-	-	113,303	0	0
08150	Power Section Asst Manager I	4.00	4.00	4.00	876,988	905,686	953,446
08160	Power Section Manager	1.00	2.00	2.00	335,011	649,948	685,425
08170	Power Section Asst Manager II	2.00	1.00	1.00	476,490	267,730	278,723
11090	Management Analyst I	-	1.00	1.00	0	99,757	105,651
11200	Management Analyst II	4.00	6.00	6.00	428,232	690,014	715,417
11350	Management Analyst III	6.00	5.00	5.00	886,561	717,558	748,364
20120	Engr Technician III	1.00	1.00	1.00	96,174	116,318	119,728
20700	Engineer	2.00	-	-	273,869	0	0
20730	Engineer, Principal	2.00	-	-	337,856	0	0
20820	Engineer, Professional	1.00	-	-	157,238	0	0
20830	Engineer, Senior	11.00	-	-	1,638,843	0	0
21320	Power Engineer II	-	5.00	5.00	0	654,763	700,695
21330	Power Engineer III	-	8.00	8.00	0	1,288,973	1,336,483
21340	Power Engineer IV	-	7.00	7.00	0	1,252,016	1,320,412
41200	Comm System Tech II	9.00	9.00	9.00	1,277,054	1,289,197	1,307,485
41210	Comm System Tech III	5.00	5.00	5.00	764,586	773,620	782,832
41220	Comm System Tech I	1.00	1.00	1.00	101,230	115,089	121,110
52490	Power Supervisor III	3.00	4.00	4.00	535,158	716,284	744,552
52510	Power Supervisor II	4.00	5.00	5.00	657,233	815,963	842,396
55230	Telecom Tech Administrator	1.00	1.00	1.00	99,065	112,530	126,972
55350	Telecom Engineer	3.00	-	-	446,311	0	0
Sub-Total		79.25	83.00	83.00	\$11,623,488	\$12,528,687	\$13,040,899

UTILITY TECHNOLOGY SERVICES Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title
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Project Employees:

07070	IT Project Manager	-	2.00	2.00	\$0	\$259,824	\$267,549
07080	IT Project Manager, Senior	-	1.00	1.00	0	139,374	143,548
11090	Management Analyst I	-	1.00	1.00	0	84,790	87,105
11200	Management Analyst II	-	1.00	1.00	0	101,798	104,703
20600	Engineer, Sr Principal	1.50	-	-	227,783	0	0
21330	Power Engineer III	-	2.00	2.00	0	267,199	275,154
21340	Power Engineer IV	-	2.00	2.00	0	311,076	320,548
41210	Comm System Tech III	1.00	-	-	145,695	0	0
55350	Telecom Engineer	-	1.00	1.00	0	126,951	130,703

Sub-Total	2.50	10.00	10.00	\$373,478	\$1,291,013	\$1,329,309
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Temporary Employees:

01240	Computer Support Technician	-	2.00	0.50	0	159,072	40,840
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FTE Total Utility Technology Services	81.75	95.00	93.50	\$11,996,966	\$13,978,772	\$14,411,048
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TACOMA POWER	2015-16	2017-18	2019-20
Taxes	Biennium Actual	Biennium Budget	Biennium Budget

TAX PAYMENTS

City of Tacoma:

Gross Earnings Tax (7.5%)	\$55,941,921	\$61,778,397	\$68,950,770
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State of Washington:

Utility & Business Tax	25,990,360	26,746,080	29,555,802
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Other*

County/Schools/Fire Protection Dist.	4,044,205	4,243,300	4,188,800
Franchise Administrative Fees	7,151,098	6,775,934	7,498,155
Click! Franchise-Like Fees	2,535,483	2,722,887	2,302,953

Subtotal	95,663,067	102,266,598	112,496,480
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Anticipated Additional Revenue**

Gross Earnings Tax (7.5%)		3,242,000	1,240,616
Utility & Business Tax		1,674,341	640,720
		4,916,341	1,881,336

Total Tacoma Power Taxes	\$95,663,067	\$107,182,939	\$114,377,816
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* Other includes franchise, administrative and other fees paid to other cities and entities and fire patrol assessments paid to WA State DNR.

** Taxes on anticipated additional revenue due to rate increase.

TACOMA POWER	2015-16	2017-18	2019-20
Debt Service	Biennium Actual	Biennium Budget	Biennium Budget

DEBT SERVICE SUMMARY

Interest	\$42,279,311	\$45,325,223	\$42,287,802
Principal	149,600,000	21,670,000	16,835,000

Total Debt Service	\$191,879,311	\$66,995,223	\$59,122,802
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DEBT SERVICE DETAIL

2005A Revenue Bonds	Interest	\$5,196	\$0	\$0
\$93,480,000	Principal	130,000	0	0
2005B Ref & Rev Bonds	Interest	2,658,774	0	0
\$156,425,000	Principal	122,135,000	0	0
2010B Revenue Bonds	Interest	17,383,651	17,383,647	17,383,647
\$147,070,000	Principal	0	0	0
2010C Revenue Bonds	Interest	2,728,556	2,728,552	2,728,552
\$24,185,000	Principal	0	0	0
2013A Ref & Rev Bonds	Interest	15,437,446	12,971,200	8,990,450
\$181,610,000	Principal	27,335,000	21,670,000	16,835,000
2013B Ref & Rev Bonds	Interest	3,232,222	3,232,220	3,232,220
\$35,620,000	Principal	0	0	0
2018 Line of Credit	Interest	833,466	1,600,000	1,600,000
\$100,000,000	Principal	0	0	0
2017 Bonds	Interest	0	7,409,604	6,573,600
\$100,000,000 - Anticipated	Principal	0	0	0
2020 Bonds	Interest	0	0	1,779,333
\$80,000,000 - Anticipated	Principal	0	0	0

Total Debt Service	\$191,879,311	\$66,995,223	\$59,122,802
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TACOMA POWER	2017-18	2019-20
Capital Outlay	Biennium Budget	Biennium Budget

SUMMARY

Click! Network

Capital Projects:	\$0	\$0
Additions and Replacements:	18,229,000	1,797,000
Click! Total	18,229,000	1,797,000

General Plant

Capital Projects:	9,203,000	36,757,000
Additions and Replacements:	2,725,000	2,404,000
General Plant Total	11,928,000	39,161,000

Generation

Capital Projects:	44,228,000	17,950,000
Additions and Replacements:	2,896,000	4,622,000
Generation Total	47,124,000	22,572,000

Power Management

Capital Projects:	28,850,000	14,713,000
Additions and Replacements:	0	0
Power Management Total	28,850,000	14,713,000

Transmission & Distribution

Capital Projects:	19,131,000	9,587,000
Additions and Replacements:	33,260,000	41,492,000
Transmission & Distribution Total	52,391,000	51,079,000

Utility Technology Services

Capital Projects:	29,508,000	16,729,000
Additions and Replacements:	2,444,000	3,672,000
Utility Technology Services Total	31,952,000	20,401,000

Sub-Total	\$190,474,000	\$149,723,000
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Projects Funded from New Bonds	(108,644,000)	(60,051,000)
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Total Operating Fund Capital Outlay	\$81,830,000	\$89,672,000
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TACOMA POWER	2017-18	2019-20
Capital Outlay	Biennium Budget	Biennium Budget

CLICK! Network A & R

Broadband Services - Comm	\$619,000	\$150,000
Cable Modems - Comm	1,650,000	0
Click! Equipment	0	50,000
Customer Related Equip - Comm	1,718,000	694,000
Equipment - Comm	50,000	0
FTTH ONT/OLT & Cabinets	0	100,000
Headend Replace & Upgrades - Comm	614,000	150,000
HFC Network Infrastructure Enhancements - Power	138,000	80,000
Network Infill MDU - Comm	421,000	149,000
Network Security Enhancements - Power	80,000	0
Network Upgrade - Comm	11,100,000	0
Network Upgrades & Replacements - Power	1,250,000	164,000
New Service Drop Capitalization - Comm	326,000	200,000
Node Upgrades	0	60,000
Voice Gateway - Comm	263,000	0
Click! Network Total	\$18,229,000	\$1,797,000

General Plant Capital Projects

Advanced Metering Infrastructure (AMI)	\$0	\$24,325,000
Tacoma Power Storage Facility	0	2,945,000
Service Division Capital-Customer Service	1,243,000	223,000
TPU ABN Main Floor Data Center Power System Upgrade	0	186,000
TPU ABN West Vault Electrical Equipment Replacement	0	170,000
TPU ABS Transfer Switch Replacement	0	230,000
2017/18 Capital Funding	6,300,000	0
2019/20 Capital Funding	0	8,678,000
Admin Complex Auditorium Upgrade	431,000	0
Facilities ABN Main Fan Modernization	389,000	0
Facilities ABN-ECC-Wynoochee Dam Elevator Controllers	840,000	0

General Plant A & R

Facilities Critical Operations Power Systems	175,000	226,000
General Plant	750,000	901,000
Tacoma Power Security Upgrade	1,800,000	1,277,000
General Plant Total	\$11,928,000	\$39,161,000

Generation Capital Projects

Alder Cooling Water Pipe Replacements (2" Pipe)	\$0	\$177,000
Cowlitz Falls Downstream Fish Passage - FERC	8,223,000	0
Cowlitz Falls Fish Facility Start-Up (Downstream Fish Passage)	0	927,000
Cowlitz Fish Release Site Development - Tilton & Upper Cowlitz	0	821,000
Cowlitz Off-site Fish Rearing - Satellite Ponds - FERC	1,274,000	0
Cowlitz Salmon Hatchery Filtration System	277,000	0
Cowlitz Salmon Hatchery Generator No 2 Replacement	200,000	0
Cowlitz Trout Hatchery Fish Rearing Revision	1,819,000	3,500,000

TACOMA POWER	2017-18	2019-20
Capital Outlay	Biennium Budget	Biennium Budget

Cowlitz Trout Hatchery Five Acre Ponds Liner Replacement	1,943,000	0
Cowlitz Trout Hatchery Water Treatment Modernization	4,300,000	0
Cushman #1 Dam ROV Replacement	0	2,867,000
Cushman #1 Units 21, 22 TIV Replacement	746,000	0
Cushman #2 Spillway Gate Remote Operation	0	237,000
Cushman #2 Unit 31, 32, 33 Generator Breaker Replacement	1,500,000	0
Cushman #2 Station Service Upgrades (EG, ATS & SWGR)	0	612,000
Cushman Fish Facilities Improvements - FERC	1,875,000	0
Cushman Fish Habitat Restoration - FERC	1,844,000	0
Cushman Powerhouse Cranes - Controls Upgrade	0	141,000
Fish Habitat & Land Acquisition (CRR Fund) - FERC	2,400,000	0
Hydro Exciter Replacement Program	2,332,000	0
Hydro Generator Life - Extension Program	2,210,000	0
Hydro Governor Replacement Program	2,698,000	0
LaGrande Units 1 - 4 Excitation AC Supply Replacement	0	266,000
LaGrande Units 1 - 4 Protection Relay Replacement	0	223,000
LaGrande Downstream Fish Barrier - FERC	500,000	527,000
LaGrande Shop Building	1,013,000	0
Mayfield Unit 41 Exciter Replacement	0	309,000
Mayfield Units 42, 43, 44 Generator Breaker Replacement	0	999,000
Mayfield Downstream Fish Passage Modification - FERC	1,899,000	0
Mayfield Penstocks Slope Tendon Replacement	6,487,000	0
Mayfield Plant Access Road Rebuild	368,000	0
Mayfield Fish Passage Modification	0	1,672,000
Mayfield Water System Replacements & Upgrades	0	920,000
Mossyrock Dam ROV & Guard Valve Upgrades	0	500,000
Mossyrock Units 51 & 52 Generator Breakers	0	2,495,000
Nisqually Hydro Project Relay Upgrades	320,000	0
Strong Motion Accelerometer (SMA) Replacement and Upgrade	0	200,000
Wynoochee Dam Electrical Power System Upgrade	0	557,000

Generation A & R

ADA Improvements	47,000	50,000
Cowlitz Project Fish Facilities	200,000	0
Cowlitz Project Generation	185,000	208,000
Cowlitz Project Recreation	143,000	192,000
Cushman Project Fish Facilities	464,000	0
Cushman Project Generation	211,000	200,000
Fish Facilities	0	1,434,000
Generation Electrical	0	244,000
Generation Paving	210,000	100,000
Hydro Plant Automation	170,000	268,000
Hydro Plant Electrical Systems	230,000	0
Hydro Plant Mechanical	162,000	179,000
Hydro Plant Water and Sewer Systems	160,000	0
Hydro Wildlife	113,000	50,000
Natural Resources	50,000	50,000

TACOMA POWER	2017-18	2019-20
Capital Outlay	Biennium Budget	Biennium Budget

Nisqually Project Generation	200,000	200,000
Nisqually Project Recreation	110,000	110,000
Plant Engineering	120,000	115,000
TPU Facility Energy Conservation	0	907,000
Water and Sewer Systems	0	217,000
Wynoochee River Project Generation	121,000	98,000
Generation Total	\$47,124,000	\$22,572,000

Power Management Capital Projects

2019/20 Conservation Portfolio	\$0	\$14,713,000
2017/18 Energy Conservation	21,850,000	0
City of Tacoma LED Street Light Upgrade	7,000,000	0

Power Management A & R

Power Management Technology Upgrades	0	0
Power Management Total	\$28,850,000	\$14,713,000

Transmission & Distribution Capital Projects

#6 Copper Conductor Replacement	\$1,380,000	\$1,500,000
115 kV System Reliability Improvements (NE Bus Sectionalizing)	1,100,000	0
230 kV System Reliability Improvements Program	276,000	0
Distribution Efficiency Program	184,000	180,000
Distribution Substation Transformer Replacement Program	2,668,000	2,878,000
Distribution System Upgrades	0	1,488,000
Downtown Infrastructure Development Program	800,000	0
Henderson Bay Crossing Rehabilitation	4,070,000	0
Mayfield Bank 1 Transformer Replacement	0	3,267,000
Nisqually Substation Protection & SCADA Upgrade	434,000	0
Padmount Switchgear Replacement Program	460,000	0
Pearl - Cushman Line Upgrade Phase 2	4,716,000	0
South Service Area Feeder Enhancements	552,000	0
Transmission Line Auto Sectionalizing	0	274,000
Transmission Line Uprating	1,303,000	0
Vactor Truck Decant & Soil Containment	1,188,000	0

Transmission & Distribution A & R

Cable Replacement Program	3,800,000	0
Central Business District	800,000	2,726,000
Distribution Transformer Purchase	2,900,000	3,362,000
HFC Infill Construction	1,594,000	1,855,000
HFC Road Projects	498,000	1,029,000
Meters and Devices	1,250,000	919,000
NERC/WECC Compliance	200,000	0
New Services	2,000,000	4,823,000
Overhead Distribution	2,000,000	14,998,000
Pad-mount Switchgear Replacement	0	474,000
Pole Replacement Program	8,000,000	0

TACOMA POWER	2017-18	2019-20
Capital Outlay	Biennium Budget	Biennium Budget

Protection & Controls	1,303,000	776,000
Rental Light	870,000	841,000
Road Related (City, County & State)	4,000,000	4,000,000
Substation	2,115,000	2,268,000
T & D Tools and Equipment	180,000	135,000
Transmission	1,200,000	800,000
Underground Distribution	550,000	2,486,000
Transmission & Distribution Total	\$52,391,000	\$51,079,000

Utility Technology Services Capital Projects

AMI	\$3,545,000	\$0
Asset Analytics	0	64,081
Automated Fuel System	0	443,168
Automated Testing	0	222,664
Avista Decision Support System Integration	0	500,310
Cybersecurity Managed Security Service Provider	464,000	0
Digital Microwave Modernization Loop 1	5,130,000	0
Digital Mobile Radio	2,422,500	0
Drawing Management Solution	278,000	0
EMS Replacement - Part 2 (Implementation)	6,630,000	0
ESRI GIS Data Replication	267,500	0
Facility/Comm Systems Monitoring	0	1,011,121
IT Asset Management	427,000	0
IT Service Management	670,000	0
ITSM/ITAM Tool Enhancements	0	346,701
IVR Ph 2A - Technical Upgrade & 2B - Functional Upgrade	793,000	0
Land Mobile Radio	0	2,045,241
Market Integration Tools	0	1,701,438
Mobile Workforce Mgmt Roadmap & Tech Solution	1,312,500	0
Natural Resources Operational Analytics	505,000	0
Power Generation Cybersecurity Controls Implementation	263,500	0
Power GIS Modernization	0	3,830,245
Power Management Technology Upgrades	1,820,000	0
Technology Contingency	2,253,000	0
TPU Auditorium TV Tacoma Upgrade	0	389,286
TPU Conference Rooms Tech Refresh	0	302,542
TPU Main Campus Data Center	1,615,000	0
TPU Network Backbone Modernization Phase 2	275,000	0
TPU Operations Center Ph2	0	817,470
TPU Voice Comm System Tech Refresh & Impr Ph 1	252,000	0
TPU Voice Comm System Tech Refresh & Impr Ph 2	119,000	0
TPU Voice Comm System Tech Refresh & Impr Ph 3	200,000	0
TPU Voice Comm System Tech Refresh & Impr Ph 4	24,000	0
TPU Voice Comm System Tech Refresh & Impr Ph 5	242,000	0
Wan Modernization	0	1,962,821
Workforce Connect	0	3,049,334
Workplace Giving Automation	0	42,578

TACOMA POWER	2017-18	2019-20
Capital Outlay	Biennium Budget	Biennium Budget

Utility Technology Services A & R

Communications	1,098,000	1,551,000
Cybersecurity	549,000	636,000
Energy Management System	304,000	0
System Management	493,000	1,244,000
Telephony	0	241,000
Utility Technology Services Total	\$31,952,000	\$20,401,000

Total Capital Outlay	\$190,474,000	\$149,723,000
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OPERATIONAL SUMMARY

TACOMA WATER provides clean, reliable water now and in the future. Tacoma Water owns and operates the City's Water System which includes a surface water supply source (the Watershed); several extensive well fields; a water transmission system consisting of several pipelines, water treatment and quality facilities; various reservoirs, standpipes and pump stations; and an extensive distribution system. Tacoma Water supplies water to 104,098 customers and currently has 247 employees. Tacoma Water's service area includes the City of Tacoma and urbanized areas of Pierce and South King Counties. Water service outside the City limits is provided under franchises granted by both Pierce and King Counties and multiple other cities. Tacoma Water projects that its water resources should meet the growth and development needs of the service area for another 50-plus years. Tacoma Water is organized functionally as Water Distribution Engineering, Water Distribution Operations, Water Quality, Water Supply, Water Asset and Information Management, and Water Finance and Analytics.

WATER DISTRIBUTION ENGINEERING provides planning, forecasts and modeling for distribution system expansion, renewal and replacement, engineers, designs and oversees construction of mains, hydrants, services, meters, pressure reducing valves and pressure zones, provides customer service and key account management while supporting growth and development through coordination, permitting and contracting, and promotes conservation through outreach and customer programs.

WATER DISTRIBUTION OPERATIONS operates and maintains the various components of the distribution system including mains, hydrants, valves, services and meters, responds to main breaks and leaks, installs new services and hydrants as needed for development, provides customer service for outage management and all other water service issues, manages the apprenticeship program and leads the Tacoma Water safety program.

WATER QUALITY manages, operates and maintains the Green River Filtration Facility, Headworks, and Watershed, assures natural resource management of Water utility lands including the Watershed, provides for fish and wildlife habitat management, installs, operates and maintains water treatment equipment within the system, responds to all matters relating to water quality from the source to the customer, monitors for contaminants to assure regulatory compliance, coordinates changing water system security needs and participates in shaping water quality legislation and regulations.

WATER SUPPLY designs, constructs, operates and maintains the following of the City's water supply structures: transmission mains and appurtenances, rights-of-ways, wells, pump stations and other mechanical/electrical equipment, storage tanks and reservoirs, pressure reducing stations, many Tacoma Water buildings and properties, communication and telemetry systems (including the Water Control Center), corrosion control facilities, and administers water rights and tracks water system security issues, while overseeing and managing Tacoma Water's emergency preparedness and coordinating with outside agencies.

WATER ASSET AND INFORMATION MANAGEMENT prepares system and strategic plans, supports Tacoma Water's Geographic Information System and Hydraulic Model operating technologies, promotes use and maturity of TPU information technologies, and oversees asset management implementation which incorporates risk, levels of service, and lifecycle costs into the Tacoma Water decision making process.

WATER FINANCE AND ANALYTICS is responsible for the utility's long range financial plan, rate and charge development, budget development and reporting, and rate and financial policies. This group provides financial, supply and demand, and customer analytics and reports to support decision-making by executive management, policymakers and the RWSS Partners. It also develops and administers special retail and wholesale water supply agreements in pursuit of the utility's strategic objectives. Starting in 2018, the group stood up a Programs and Analytics group that is currently engaged in enterprise efforts to improve the organization's maturity in the areas of performance management and analytics.

REGIONAL WATER SUPPLY SYSTEM (RWSS) is a partnership formed by Tacoma, the City of Kent, Covington Water District and Lakehaven Utility District (the "Participants") to permit, design, finance, construct, operate, maintain and receive delivery of water from the Second Supply Project. The Second Supply Project consists of the following components: (i) water from the exercise of Tacoma Water's Second Diversion Water Right, (ii) the Second Supply Pipeline, (iii) improvements made at the Headworks diversion dam and intake, (iv) Second Supply Project fisheries and environmental enhancements, (v) the right to store water as a result of the Howard Hanson Dam Additional Storage Project, and (vi) construction of new Treatment Facilities. Participants' rights and obligations with regard to the Second Supply Project are called out in the Second Supply Project Agreement. Tacoma has a 15/36 Participant Share and each of the others have a 7/36 Participant Share. A Participant Share represents a Participant's proportional right to receive water delivered by the Second Supply Project and represents a Participant's obligation to pay project costs, including Fixed and Variable Operation & Maintenance Costs, Initial Project Construction Costs and Capital Expenditures. Tacoma, consistent with the Project Agreement, is the owner and operator of the Second Supply Project.

TACOMA WATER	2015-16	2017-18	2019-20
Recapitulation of Biennial Budget	Biennium Actual	Biennium Budget	Biennium Budget

REVENUE

Operating Revenue			
Water Sales	\$154,939,927	\$145,440,571	\$168,370,780
Anticipated Additional Revenue	0	7,872,671	6,363,722
Other Operating Revenue	13,913,066	14,145,816	7,992,092
Total Operating Revenue	168,852,993	167,459,058	182,726,594
Non-Operating Revenue			
Interest	1,373,688	600,000	600,000
BABS Interest Federal Subsidy	5,514,618	5,540,624	5,540,624
Miscellaneous	603,903	90,000	465,384
Transfers from other Funds:			
Capital Reserve Fund	2,299,390	8,010,973	22,002,895
Appropriation from Fund Balance	0	9,863,115	16,956,044
Total Revenue & Available Funds	\$178,644,592	\$191,563,770	\$228,291,541

EXPENDITURES

Personnel Costs	\$46,634,999	\$54,522,063	\$57,949,725
Supplies, Services & Other Charges	44,750,254	53,274,970	57,146,959
Taxes - Current Revenue Estimate	22,851,347	21,643,155	24,037,673
Taxes - Anticipated Additional Revenue	0	1,099,631	829,129
Debt Service	50,901,049	53,012,978	53,216,486
Capital Outlay	2,299,390	8,010,973	35,111,569
Total Expenditures	\$167,437,038	\$191,563,770	\$228,291,541

CAPITAL OUTLAY FINANCING DETAIL

Funded from Operating Fund	\$0	\$13,108,674
Funded from Capital Reserve Fund	8,010,973	22,002,895
Funded from Existing Bonds	40,040,521	26,254,910
Total Capital Outlay	\$48,051,494	\$61,366,479

PERSONNEL - Budgeted FTEs	256.20 / 256.20	272.50 / 274.50	287.80 / 290.80
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TACOMA WATER	2015-16	2017-18	2019-20
Revenue	Biennium Actual	Biennium Budget	Biennium Budget

REVENUE SUMMARY

Water Sales	\$154,939,927	\$145,440,571	\$168,370,780
Anticipated Additional Revenue	0	7,872,671	6,363,722
Other Operating Revenue	13,913,066	14,145,816	7,992,092
Total Operating Revenue	168,852,993	167,459,058	182,726,594
Non-Operating Revenue	9,791,599	14,241,597	28,608,903
Appropriation from Fund Balance	0	9,863,115	16,956,044

Total Revenue & Available Funds	\$178,644,592	\$191,563,770	\$228,291,541
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REVENUE DETAIL

Water Sales

Residential	\$98,887,838	\$94,234,074	\$111,573,358
Paper Mill	11,797,065	12,562,228	13,305,108
Wholesale	9,163,986	4,228,737	5,674,463
Other Water Sales	35,091,038	34,415,532	37,817,851
	154,939,927	145,440,571	168,370,780
Anticipated Additional Revenue	0	7,872,671	6,363,722
Total Water Sales	154,939,927	153,313,242	174,734,502

Cascade Water Alliance	5,493,628	5,278,268	5,036,541
Public Fire Protection	5,717,536	6,442,965	0
Miscellaneous Water Revenue	2,701,902	2,424,583	2,955,551
Total Other Operating Revenue	13,913,066	14,145,816	7,992,092

Total Operating Revenue	168,852,993	167,459,058	182,726,594
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Other Income

Interest	1,373,688	600,000	600,000
BABS Interest Federal Subsidy	5,514,618	5,540,624	5,540,624
Miscellaneous	603,903	90,000	465,384
Transfers from Other Funds:			
Capital Reserve Fund	2,299,390	8,010,973	22,002,895
Total Non-Operating Revenue	9,791,599	14,241,597	28,608,903

Appropriation from Fund Balance	0	9,863,115	16,956,044
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Total Revenue & Available Funds	\$178,644,592	\$191,563,770	\$228,291,541
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TACOMA WATER	2015-16	2017-18	2019-20
Division Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Operation and Maintenance by Section

Water Administration	\$54,439,339	\$54,140,281	\$59,436,902
Distribution Engineering	4,853,622	7,164,471	6,475,944
Distribution Operations	18,575,641	22,491,158	26,275,717
Quality	11,620,236	14,654,658	15,530,433
Supply	18,325,749	21,354,696	19,345,826
Asset & Information Management	4,761,775	8,158,758	8,264,560
Finance & Analytics	1,660,238	2,575,797	4,634,104

Total for Division	\$114,236,600	\$130,539,819	\$139,963,486
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SUMMARY - Operation and Maintenance by Category

Salaries & Wages	\$41,175,274	\$48,015,906	\$53,272,307
Employee Benefits	16,780,159	19,934,418	20,764,707
Capital Credit & Labor To/From Others	(11,320,435)	(11,162,930)	(13,076,408)
Vacancy Factor	0	(2,265,331)	(3,010,880)
Total Personnel Costs	46,634,999	54,522,063	57,949,725
Supplies	13,694,248	13,970,211	16,204,628
Services	8,921,408	15,485,414	14,294,791
Other Charges	3,559,356	2,876,580	3,464,542
Assessments	18,575,242	20,942,765	23,182,998
Taxes	22,851,347	22,742,786	24,866,802

Total for Division	\$114,236,600	\$130,539,819	\$139,963,486
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TACOMA WATER Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
00060	Office Assistant	2.00	-	-	\$142,682	\$0	\$0
01360	Information Technology Supv	-	1.00	1.00	0	171,868	181,950
01500	IT Analyst	1.00	3.00	3.00	113,426	334,141	348,219
01510	IT Analyst, Senior	3.00	2.00	2.00	406,667	252,280	259,750
01520	IT Analyst, Senior Technical	1.00	-	-	149,957	0	0
03010	Warehouse Technician	3.00	3.00	3.00	294,640	289,067	290,890
03020	Warehouse Technician, Sr	-	1.00	1.00	0	95,667	96,017
03050	Warehouse Supervisor, Utilities	1.00	1.00	1.00	120,027	118,521	118,960
05040	Financial Assistant	2.00	2.00	2.00	187,036	166,051	173,835
05200	Financial Manager	1.00	-	-	152,048	0	0
05330	Operations Mgr	10.00	9.75	9.75	1,689,703	1,607,668	1,665,395
05800	Utilities Economist	1.00	1.00	1.00	145,643	147,915	152,398
05820	Utilities Economist, Sr	-	1.00	1.00	0	144,654	149,022
06110	Customer Service Rep	1.00	1.00	1.00	94,396	94,552	97,204
06130	Utility Services Rep I	4.00	5.00	5.00	414,960	494,057	511,825
06140	Utility Services Rep II	2.00	2.00	2.00	269,429	266,546	277,049
06170	Utility Service Specialist	4.00	3.00	3.00	593,952	378,508	379,904
07200	Project Manager	1.00	-	-	159,515	0	0
07210	Project Manager, Sr	-	1.00	1.00	0	157,702	162,496
07370	Administrative Assistant	8.00	9.00	9.00	714,152	788,893	824,477
07380	Office Administrator	1.00	1.00	1.00	112,991	114,123	117,453
07390	Office Manager	1.00	1.00	1.00	126,921	104,213	107,203
08230	Utilities Dir Dep Water Supt	1.00	1.00	1.00	282,639	286,438	298,797
11090	Management Analyst I	1.87	2.75	2.75	176,415	252,024	259,036
11200	Management Analyst II	11.00	13.75	13.75	1,268,948	1,529,287	1,594,748
11350	Management Analyst III	3.00	7.00	9.00	391,263	886,790	1,174,356
12040	Safety Manager	-	1.00	1.00	0	120,076	123,601
19990	Water Quality Specialist	4.00	4.00	4.00	478,543	488,941	504,114
20010	Survey Technician II	1.00	-	-	94,508	0	0
20020	Survey Technician III	2.00	1.00	1.00	211,691	106,472	109,515
20030	Chief of Party	-	1.00	1.00	0	126,010	129,690
20040	Engineering Technician IV	1.00	1.00	1.00	127,260	128,933	132,714
20050	Chief Surveyor, Asst	1.00	-	-	131,421	0	0
20100	Engineering Technician I	2.00	1.00	1.00	184,932	89,415	95,443
20110	Engineering Technician II	3.00	3.00	3.00	311,748	316,012	330,856
20120	Engineering Technician III	4.00	4.00	4.00	466,559	472,038	486,624
20160	Construction Inspector	6.00	6.00	6.00	720,418	762,899	797,759
20190	Engr Instrumentation Tech	3.75	3.00	3.00	425,840	363,877	379,291
20260	LID Representative	1.00	1.00	1.00	125,252	126,302	130,024
20460	Engr Construction Coord	1.00	1.00	1.00	135,637	138,697	142,810
20600	Engineer, Senior Principal	1.00	2.00	2.00	189,366	405,607	417,936
20610	Water Division Manager, Asst	10.00	10.00	10.00	1,917,242	1,943,531	2,030,075
20640	Water Div Supt Deputy	2.00	2.00	2.00	480,310	491,391	506,739
20660	Water Division Manager	4.00	3.50	3.50	845,208	692,915	714,102
20680	Engineer, Associate	1.00	-	-	121,864	0	0

TACOMA WATER Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
20700	Engineer	1.00	4.00	4.00	125,665	509,275	541,146
20730	Engineer, Principal	3.00	4.00	4.00	489,124	710,907	732,207
20820	Engineer, Professional	7.00	11.75	11.75	1,082,279	1,731,816	1,805,827
20830	Engineer, Senior	3.00	1.00	1.00	434,313	161,707	166,581
20890	Natural Resources Biologist II	1.00	1.00	1.00	121,466	131,483	141,253
20920	Environmental Specialist	1.00	1.00	1.00	119,957	121,912	125,438
20940	Natural Resources Biologist III	1.00	1.00	1.00	156,770	159,961	164,783
20970	Environmental Technician	1.00	-	-	84,764	0	0
20980	Environmental Technician, Sr.	1.00	1.00	1.00	110,960	112,623	115,839
21000	Water Program Specialist	1.00	1.00	1.00	119,183	123,579	127,162
21550	Watershed Inspector	4.00	4.00	4.00	487,871	482,018	502,211
24010	Chief of Party, PLS	1.00	-	-	123,622	0	0
50200	Equipment Operator	5.00	4.00	4.00	505,316	407,168	418,559
50210	Heavy Equipment Operator	8.00	9.00	9.00	866,443	993,815	1,023,072
50600	Water Utility Worker	4.00	4.00	4.00	351,548	346,313	355,672
5060A	Water Util Wkr (Step 1 Training)	6.00	5.00	5.00	526,084	440,989	452,964
5060B	Water Util Wkr (Step 2 Training)	3.00	4.00	4.00	271,865	364,928	374,873
5060C	Water Util Wkr (Step 3 Training)	-	5.00	5.00	0	462,646	475,334
5060D	Water Util Wkr (Step 4 Training)	2.00	3.00	3.00	187,048	281,544	289,325
5060E	Water Util Wkr (Step 5 Training)	20.00	16.00	16.00	1,900,232	1,527,871	1,574,171
5060H	Water Util Wkr Flush-Truck	6.00	5.00	5.00	587,007	492,529	507,011
50610	Water Service Worker	15.00	16.00	16.00	1,602,858	1,725,179	1,775,688
50612	Water Service Wkr Loc 103%	5.00	5.00	5.00	552,314	555,415	572,131
50613	Water Service Worker, Lead	9.00	9.00	9.00	1,086,232	1,102,678	1,134,691
5061A	Water Service Wkr - Safety Co	1.00	1.00	1.00	122,302	124,857	128,487
50650	Water Service Supervisor	4.00	4.00	4.00	546,538	554,335	570,700
50680	Water Supply Supervisor	1.00	1.00	1.00	139,351	141,957	146,162
50700	Water Pump & Stor Asst Supv	1.00	1.00	2.00	137,761	139,742	282,949
51080	Water Plant Maint Worker	6.00	6.00	6.00	669,273	681,416	701,875
51090	Water Control Station Operators	4.00	4.00	4.00	482,457	488,352	503,531
51100	Water Treatment Plant Supv	2.00	2.00	2.00	280,006	289,865	298,475
51120	Water Treatment Plant Operator	8.00	8.00	8.00	1,014,924	1,029,248	1,060,482
52250	Water Meter Repair Worker	3.00	3.00	3.00	320,509	317,428	326,370
52260	Water Meter Repair Wkr, Lead	1.00	1.00	1.00	120,707	123,186	126,762
52360	Electrician	1.00	2.00	2.00	119,087	241,777	244,152
53050	Water Service Mechanic	12.00	11.00	11.00	1,478,170	1,380,694	1,421,807
Sub-Total		263.62	275.50	278.50	\$32,299,215	\$33,913,294	\$35,459,967

TACOMA WATER Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title					
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Project Employees:

11350	Management Analyst III	5.00	3.00	3.00	\$604,703	\$367,025	\$377,850
50600	Water Utility Worker	3.00	4.50	4.50	253,545	382,314	392,595
50610	Water Service Worker	1.50	2.50	2.50	152,307	256,162	263,353
52250	Water Meter Repair Worker	-	0.75	0.75	0	76,848	79,006

Sub-Total		9.50	10.75	10.75	\$1,010,555	\$1,082,349	\$1,112,804
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Temporary Employees:

46020	Occupational Intern Skilled	1.37	0.53	0.53	\$51,402	\$15,924	\$16,450
46080	IT Analyst Intern	-	0.17	0.17	0	9,421	9,737
80280	Engineer in Training	-	0.84	0.84	0	51,712	53,445

Sub-Total		1.37	1.54	1.54	\$51,402	\$77,057	\$79,632
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FTE Total Tacoma Water		274.49	287.79	290.79	\$33,361,173	\$35,072,700	\$36,652,403
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TACOMA WATER	2015-16	2017-18	2019-20
Administration	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$618,679	\$645,584	\$618,249
Employee Benefits	180,113	186,351	179,224
Capital Credit & Labor To/From Others	172,254	99,447	42,916
Vacancy Factor	0	(2,265,331)	(3,010,880)
Total Personnel Costs	971,046	(1,333,949)	(2,170,491)
Supplies	10,486,545	10,462,609	12,133,183
Services	794,502	1,072,847	1,120,878
Other Charges	543,564	253,223	303,532
Assessments	18,792,336	20,942,765	23,182,998
Taxes	22,851,347	22,742,786	24,866,802

Total Operation & Maintenance	\$54,439,339	\$54,140,281	\$59,436,902
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Water Administration (581000)

Salaries & Wages	\$618,679	\$645,584	\$618,249
Employee Benefits	180,113	186,351	179,224
Capital Credit & Labor To/From Others	172,254	99,447	42,916
Total Personnel Costs	971,046	931,382	840,389
Supplies	576,594	120,735	88,940
Services	750,974	1,072,847	1,120,878
Other Charges	(1,158,675)	(1,460,751)	(1,808,468)
Assessments	18,792,336	20,942,765	23,182,998
Total	\$19,932,276	\$21,606,978	\$23,424,737

Undistributed Costs (581100)

Salaries & Wages Vacancy Factor	\$0	(\$1,698,998)	(\$2,107,616)
Employee Benefits Vacancy Factor	0	(566,333)	(903,264)
Capital Credit & Labor To/From Others	0	0	0
Total Personnel Costs	0	(2,265,331)	(3,010,880)
Supplies	9,909,950	10,341,874	12,044,243
Services	43,528	0	0
Other Charges	1,702,238	1,713,974	2,112,000
Taxes	22,851,347	22,742,786	24,866,802
Total	\$34,507,064	\$32,533,303	\$36,012,165

Total Water Administration Section	\$54,439,339	\$54,140,281	\$59,436,902
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WATER ADMINISTRATION Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
07390	Office Manager	1.00	1.00	1.00	\$126,921	\$104,213	\$107,203
08230	Utilities Dir Dept Wtr Supt	1.00	1.00	1.00	282,639	286,438	298,796
FTE Total Water Administration		2.00	2.00	2.00	\$409,560	\$390,651	\$405,999

TACOMA WATER	2015-16	2017-18	2019-20
Distribution Engineering	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Distribution Engineering (582100)

Salaries & Wages	\$5,372,517	\$6,179,125	\$6,143,295
Employee Benefits	2,124,303	2,478,891	2,339,056
Capital Credit & Labor To/From Others	(3,304,587)	(2,664,475)	(3,280,048)
Total Personnel Costs	4,192,233	5,993,541	5,202,303
Supplies	(96,625)	(116,692)	(77,800)
Services	620,001	1,086,862	882,527
Other Charges	138,013	200,760	468,914

Total Distribution Engineering Section	\$4,853,622	\$7,164,471	\$6,475,944
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DISTRIBUTION ENGINEERING Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
05330	Operations Mgr	1.00	1.00	1.00	\$173,273	\$177,096	\$182,394
06130	Utility Services Rep I	1.00	2.00	2.00	104,966	199,424	208,872
06140	Utility Services Rep II	2.00	1.00	1.00	269,429	135,065	139,098
06170	Utility Service Specialist	3.00	3.00	3.00	442,458	378,508	379,904
07370	Administrative Assistant	2.00	1.00	1.00	171,464	87,345	93,326
20010	Survey Technician II	1.00	-	-	94,508	0	0
20020	Survey Technician III	2.00	1.00	1.00	211,691	106,472	109,515
20030	Chief of Party	-	1.00	1.00	0	126,010	129,690
20050	Chief Surveyor, Asst	1.00	-	-	131,421	0	0
20100	Engineering Technician I	1.00	1.00	1.00	88,441	89,415	95,443
20110	Engineering Technician II	2.00	2.00	2.00	203,955	207,099	217,954
20120	Engineering Technician III	1.00	1.00	1.00	116,636	118,003	121,413
20160	Construction Inspector	6.00	5.00	5.00	720,418	636,293	663,871
20260	LID Representative	1.00	1.00	1.00	125,252	126,302	130,024
20460	Engr Const Coord	1.00	1.00	1.00	135,637	138,697	142,810
20610	Water Division Manager, Asst	2.00	2.00	2.00	391,108	400,320	412,465
20660	Water Division Manager	1.00	1.00	1.00	211,302	215,855	222,513
20700	Engineer	1.00	1.00	1.00	125,665	136,533	146,238
20820	Engineer, Professional	1.00	4.00	4.00	150,531	553,882	573,523
21000	Water Program Specialist	1.00	1.00	1.00	119,183	123,579	127,162
24010	Chief of Party, PLS	1.00	-	-	123,622	0	0
50610	Water Service Worker	1.00	1.00	1.00	107,671	108,766	111,841
Sub-Total		33.00	31.00	31.00	\$4,218,632	\$4,064,664	\$4,208,056

Temporary Employees:

46020	Occupational Intern Skilled	0.17	-	-	\$5,051	\$0	\$0
80280	Engineer in Training	-	0.17	0.17	0	10,466	10,816
Sub-Total		0.17	0.17	0.17	\$5,051	\$10,466	\$10,816

FTE Total Distribution Engineering	33.17	31.17	31.17	\$4,223,683	\$4,075,130	\$4,218,872
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TACOMA WATER	2015-16	2017-18	2019-20
Distribution Operations	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$14,036,057	\$16,212,385	\$18,713,324
Employee Benefits	6,247,724	7,314,585	7,917,973
Capital Credit & Labor To/From Others	(4,433,995)	(4,994,483)	(5,258,102)
Total Personnel Costs	15,849,786	18,532,487	21,373,195
Supplies	(13,886)	(408,118)	100,895
Services	3,060,489	4,913,249	5,410,139
Other Charges	(103,652)	(546,460)	(608,512)
Assessments	(217,094)	0	0

Total Operation & Maintenance	\$18,575,641	\$22,491,158	\$26,275,717
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Distribution Operations (582400)

Salaries & Wages	\$13,539,175	\$15,661,349	\$17,997,773
Employee Benefits	6,009,055	7,043,135	7,589,526
Capital Credit & Labor To/From Others	(4,459,927)	(4,994,483)	(5,258,102)
Total Personnel Costs	15,088,303	17,710,001	20,329,197
Supplies	32,620	(416,490)	97,300
Services	3,046,906	4,867,329	5,398,184
Other Charges	407,812	330,318	451,036
Total	\$18,575,641	\$22,491,158	26,275,717

Warehouse (584500)

Salaries & Wages	\$496,882	\$551,036	\$715,551
Employee Benefits	238,669	271,450	328,447
Capital Credit & Labor To/From Others	25,931	0	0
Total Personnel Costs	761,482	822,486	1,043,998
Supplies	(46,506)	8,372	3,595
Services	13,583	45,920	11,955
Other Charges	(511,464)	(876,778)	(1,059,548)
Assessments	(217,094)	0	0
Total	\$0	\$0	\$0

Total Distribution Operations Section	\$18,575,641	\$22,491,158	\$26,275,717
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DISTRIBUTION OPERATIONS Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
03010	Warehouse Technician	3.00	3.00	3.00	\$294,640	\$289,067	\$290,891
03020	Warehouse Technician, Sr	-	1.00	1.00	0	95,667	96,017
03050	Warehouse Supervisor, Utilities	1.00	1.00	1.00	120,027	118,521	118,960
05040	Financial Assistant	2.00	2.00	2.00	187,036	166,050	173,835
05330	Operations Mgr	2.00	2.00	2.00	346,546	332,756	349,903
06110	Customer Service Rep	1.00	1.00	1.00	94,396	94,552	97,204
06130	Utility Services Rep I	3.00	2.00	2.00	309,995	207,452	213,373
06140	Utility Services Rep II	-	1.00	1.00	0	131,481	137,950
07370	Administrative Assistant	1.00	1.00	1.00	92,453	91,814	94,380
07380	Office Administrator	1.00	1.00	1.00	112,991	114,123	117,453
11090	Management Analyst I	-	0.75	0.75	0	63,593	65,329
11200	Management Analyst II	4.00	5.00	5.00	449,864	538,496	560,426
11350	Management Analyst III	-	1.00	1.00	0	122,342	125,950
12040	Safety Manager	-	1.00	1.00	0	120,076	123,600
20160	Construction Inspector	-	1.00	1.00	0	126,606	133,888
20610	Water Division Manager, Asst	2.00	2.00	2.00	391,108	375,996	399,784
20660	Water Division Manager	1.00	0.75	0.75	211,302	130,603	134,538
50200	Equipment Operator	5.00	4.00	4.00	505,316	407,168	418,558
50210	Heavy Equipment Operator	7.00	8.00	8.00	763,658	883,208	909,306
50600	Water Utility Worker	3.00	4.00	4.00	261,872	346,313	355,672
5060A	Water Util Wkr (Step 1 Training)	6.00	5.00	5.00	526,084	440,989	452,964
5060B	Water Util Wkr (Step 2 Training)	3.00	4.00	4.00	271,865	364,928	374,873
5060C	Water Util Wkr (Step 3 Training)	-	5.00	5.00	0	462,646	475,334
5060D	Water Util Wkr (Step 4 Training)	2.00	3.00	3.00	187,048	281,544	289,325
5060E	Water Util Wkr (Step 5 Training)	13.00	9.00	9.00	1,233,511	856,763	882,067
5060H	Water Util Wkr - Flush Truck	6.00	5.00	5.00	587,007	492,529	507,011
50610	Water Service Worker	14.00	15.00	15.00	1,495,187	1,616,413	1,663,846
50612	Water Service Wkr Loc 103%	5.00	5.00	5.00	552,314	555,415	572,131
50613	Water Service Wkr, Lead	9.00	9.00	9.00	1,086,232	1,102,678	1,134,691
5061A	Water Service Wkr - Safety Coor	1.00	1.00	1.00	122,302	124,857	128,487
50650	Water Service Supervisor	4.00	4.00	4.00	546,538	554,335	570,700
52250	Water Meter Repair Worker	3.00	3.00	3.00	320,509	317,428	326,370
52260	Water Meter Repair Worker, Lead	1.00	1.00	1.00	120,707	123,186	126,762

Sub-Total	103.00	111.50	111.50	\$11,190,509	\$12,049,595	\$12,421,578
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Project Employees:

50600	Water Utility Worker	3.00	4.50	4.50	\$253,545	\$382,314	\$392,595
50610	Water Service Worker	-	1.50	1.50	0	153,697	158,012
52250	Water Meter Repair Worker	-	0.75	0.75	0	76,848	79,006

Sub-Total	3.00	6.75	6.75	\$253,545	\$612,859	\$629,613
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FTE Total Distribution Operations	106.00	118.25	118.25	\$11,444,054	\$12,662,454	\$13,051,191
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TACOMA WATER	2015-16	2017-18	2019-20
Quality	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$8,055,935	\$8,743,834	\$9,648,852
Employee Benefits	3,062,544	3,462,166	3,507,563
Capital Credit & Labor To/From Others	(3,673,437)	(2,884,962)	(2,980,863)
Total Personnel Costs	7,445,041	9,321,038	10,175,552
Supplies	1,738,659	2,067,729	2,112,069
Services	1,751,393	2,243,738	2,238,188
Other Charges	685,143	1,022,153	1,004,624

Total Operation & Maintenance	\$11,620,236	\$14,654,658	\$15,530,433
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Quality Office (583100)

Salaries & Wages	\$2,525,008	\$2,872,806	\$3,671,796
Employee Benefits	975,360	1,118,294	1,270,728
Capital Credit & Labor To/From Others	36,372	(53,890)	(290,004)
Total Personnel Costs	3,536,740	3,937,210	4,652,519
Supplies	447,133	522,251	394,859
Services	601,931	734,786	667,362
Other Charges	279,982	335,920	338,592
Total	\$4,865,787	\$5,530,167	\$6,053,332

Green River Headworks Treatment (583200)

Salaries & Wages	\$3,244,305	\$3,572,060	\$3,840,847
Employee Benefits	1,193,003	1,443,695	1,418,332
Capital Credit & Labor To/From Others	(2,026,124)	(1,651,586)	(1,766,887)
Total Personnel Costs	2,411,184	3,364,169	3,492,292
Supplies	1,086,045	1,348,873	1,494,269
Services	496,730	717,566	779,584
Other Charges	364,634	640,595	604,546
Total	\$4,358,593	\$6,071,203	\$6,370,691

TACOMA WATER	2015-16	2017-18	2019-20
Quality	Biennium Actual	Biennium Budget	Biennium Budget

Watershed Management & Operations (583310)

Salaries & Wages	\$1,354,924	\$1,395,660	\$1,330,413
Employee Benefits	505,923	520,687	505,507
Capital Credit & Labor To/From Others	(734,974)	(661,162)	(550,148)
Total Personnel Costs	1,125,874	1,255,185	1,285,773
Supplies	174,763	154,356	167,349
Services	519,816	589,991	665,536
Other Charges	29,693	27,720	44,686
Total	\$1,850,145	\$2,027,252	\$2,163,344

Filtration Plant Special Project Administration (583500)

Salaries & Wages	\$236,543		
Employee Benefits	114,370		
Capital Credit & Labor To/From Others	(413,897)		
Total Personnel Costs	(62,985)	0	0
Supplies	77		
Services	9,778		
Other Charges	775		
Total	(\$52,354)	\$0	\$0

Environmental Stewardship (585200)

Salaries & Wages	\$695,154	\$903,308	\$805,796
Employee Benefits	273,888	379,490	312,996
Capital Credit & Labor To/From Others	(534,814)	(518,324)	(373,824)
Total Personnel Costs	434,228	764,474	744,968
Supplies	30,641	42,249	55,592
Services	123,136	201,395	125,706
Other Charges	10,059	17,918	16,800
Total	\$598,065	\$1,026,036	\$943,066

Total Quality Section	\$11,620,236	\$14,654,658	\$15,530,433
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QUALITY Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
00060	Office Assistant	2.00	-	-	\$142,682	\$0	\$0
05330	Operations Mgr	4.00	4.00	4.00	693,092	639,205	658,259
06130	Utility Services Rep I	-	1.00	1.00	0	87,181	89,580
07370	Administrative Assistant	2.00	3.00	3.00	184,892	262,959	277,076
11200	Management Analyst II	-	1.00	1.00	0	101,798	104,703
19990	Water Quality Specialist	4.00	4.00	4.00	478,543	488,941	504,114
20190	Engr Instrumentation Tech	1.00	1.00	1.00	121,304	123,841	127,431
20610	Water Division Manager, Asst	1.00	2.00	2.00	195,554	389,556	408,541
20640	Water Div Supt Deputy	1.00	1.00	1.00	240,155	245,695	253,370
20680	Engineer, Associate	1.00	-	-	121,864	0	0
20730	Engineer, Principal	1.00	1.00	1.00	174,240	178,111	183,437
20820	Engineer, Professional	1.00	2.00	2.00	158,465	288,729	310,478
20890	Natural Resources Biologist II	1.00	1.00	1.00	121,466	131,483	141,253
20920	Environmental Specialist	1.00	1.00	1.00	119,957	121,912	125,438
20940	Natural Resources Biologist III	1.00	1.00	1.00	156,770	159,961	164,783
20970	Environmental Technician	1.00	-	-	84,764	0	0
20980	Environmental Technician, Sr.	1.00	1.00	1.00	110,960	112,623	115,839
21550	Watershed Inspector	4.00	4.00	4.00	487,871	482,018	502,211
51080	Water Plant Maint Worker	2.00	2.00	2.00	225,258	227,761	234,276
51100	Water Treatment Plant Supv	2.00	2.00	2.00	280,006	289,865	298,475
51120	Water Treatment Plant Operator	8.00	8.00	8.00	1,014,924	1,029,249	1,060,482
53050	Water Service Mechanic	5.00	5.00	5.00	617,338	629,243	648,438
Sub-Total		44.00	45.00	45.00	\$5,730,105	\$5,990,131	\$6,208,184

Project Employees:

50610	Water Service Worker	1.50	1.00	1.00	152,307	102,465	105,341
Sub-Total		1.50	1.00	1.00	\$152,307	\$102,465	\$105,341

Temporary Employees:

46020	Occupational Intern Skilled	0.67	0.17	0.17	\$30,603	\$5,108	\$5,276
80280	Engineer in Training	-	0.50	0.50	0	30,781	31,813
Sub-Total		0.67	0.67	0.67	\$30,603	\$35,889	\$37,089

FTE Total Quality		46.17	46.67	46.67	\$5,913,015	\$6,128,485	\$6,350,614
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TACOMA WATER	2015-16	2017-18	2019-20
Supply	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$9,000,452	\$10,203,123	\$10,597,082
Employee Benefits	3,598,713	4,116,125	4,043,260
Capital Credit & Labor To/From Others	6,220	(148,146)	(1,011,377)
Total Personnel Costs	12,605,385	14,171,102	13,628,965
Supplies	1,351,308	1,665,056	1,480,444
Services	2,469,841	4,023,518	2,778,241
Other Charges	1,899,215	1,495,020	1,458,176

Total Operation & Maintenance	\$18,325,749	\$21,354,696	\$19,345,826
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Supply Office (584100)

Salaries & Wages	\$4,630,470	\$5,496,309	
Employee Benefits	1,677,301	2,128,554	
Capital Credit & Labor To/From Others	(2,214,208)	(694,770)	
Total Personnel Costs	4,093,562	6,930,093	0
Supplies	138,363	171,474	
Services	767,916	1,827,526	
Other Charges	98,563	112,074	
Total	\$5,098,405	\$9,041,167	\$0

Supply Operations & Planning (584101)

Salaries & Wages			\$1,388,743
Employee Benefits			498,601
Capital Credit & Labor To/From Others			(70,754)
Total Personnel Costs	0	0	1,816,590
Supplies			11,866
Services			175,000
Other Charges			32,070
Total	\$0	\$0	\$2,035,526

TACOMA WATER	2015-16	2017-18	2019-20
Supply	Biennium Actual	Biennium Budget	Biennium Budget

Supply Maintenance (584102)

Salaries & Wages			\$742,682
Employee Benefits			251,256
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	993,938
Supplies			96,835
Services			14,804
Other Charges			11,650
Total	\$0	\$0	\$1,117,227

Supply Electrical & Control (584103)

Salaries & Wages			\$2,063,506
Employee Benefits			784,221
Capital Credit & Labor To/From Others			(760,708)
Total Personnel Costs	0	0	2,087,019
Supplies			433,768
Services			522,208
Other Charges			1,154,122
Total	\$0	\$0	\$4,197,117

Supply Engineering & Planning (584104)

Salaries & Wages			\$2,063,581
Employee Benefits			748,398
Capital Credit & Labor To/From Others			(165,629)
Total Personnel Costs	0	0	2,646,349
Supplies			49,110
Services			961,000
Other Charges			46,400
Total	\$0	\$0	\$3,702,859

TACOMA WATER	2015-16	2017-18	2019-20
Supply	Biennium Actual	Biennium Budget	Biennium Budget

Supply Wells (584200)

Salaries & Wages	\$2,724,614	\$2,927,401	\$2,440,639
Employee Benefits	1,140,245	1,215,827	931,797
Capital Credit & Labor To/From Others	1,329,213	344,038	120,074
Total Personnel Costs	5,194,072	4,487,266	3,492,510
Supplies	623,935	587,654	523,835
Services	476,341	1,239,745	429,669
Other Charges	1,436,404	932,020	114,350
Total	\$7,730,752	\$7,246,685	\$4,560,364

Supply Gravity (584400)

Salaries & Wages	\$1,645,368	\$1,779,413	\$1,897,932
Employee Benefits	781,167	771,744	828,987
Capital Credit & Labor To/From Others	891,215	202,586	(134,360)
Total Personnel Costs	3,317,750	2,753,743	2,592,559
Supplies	589,010	905,928	365,030
Services	1,225,584	956,247	675,560
Other Charges	364,247	450,926	99,584
Total	\$5,496,592	\$5,066,844	\$3,732,733

Total Supply Section	\$18,325,749	\$21,354,696	\$19,345,826
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SUPPLY Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
01510	IT Analyst, Sr	-	1.00	1.00	\$0	\$100,752	\$103,628
05330	Operations Mgr	3.00	2.75	2.75	476,791	458,611	474,839
06170	Utility Service Specialist	1.00	-	-	151,494	0	0
07370	Administrative Assistant	2.00	2.00	2.00	173,614	176,837	185,104
11200	Management Analyst II	2.00	1.75	1.75	224,932	201,776	207,652
20040	Engineering Technician IV	1.00	1.00	1.00	127,260	128,933	132,714
20100	Engineering Technician I	1.00	-	-	96,490	0	0
20110	Engineering Technician II	1.00	1.00	1.00	107,793	108,914	112,902
20120	Engineering Technician III	1.00	1.00	1.00	115,723	117,058	121,406
20190	Engr Instrumentation Tech	2.75	2.00	2.00	304,536	240,036	251,860
20600	Engineer, Senior Principal	1.00	2.00	2.00	189,366	405,607	417,936
20610	Water Division Manager, Asst	2.00	-	-	391,108	0	0
20660	Water Division Manager	1.00	0.75	0.75	211,302	130,603	134,538
20700	Engineer	-	2.00	2.00	0	255,137	273,919
20730	Engineer, Principal	2.00	3.00	3.00	314,885	532,796	548,771
20820	Engineer, Professional	4.00	5.75	5.75	633,859	889,205	921,826
20830	Engineer, Senior	3.00	1.00	1.00	434,313	161,707	166,582
50210	Heavy Equipment Operator	1.00	1.00	1.00	102,785	110,607	113,766
50600	Water Utility Worker	1.00	-	-	89,676	0	0
5060E	Water Util Wkr (Step 5 Training)	7.00	7.00	7.00	666,721	671,108	692,104
50680	Water Supply Supervisor	1.00	1.00	1.00	139,351	141,957	146,162
50700	Water Pump & Stor Asst Supv	1.00	1.00	2.00	137,761	139,742	282,949
51080	Water Plant Maint Worker	4.00	4.00	4.00	444,015	453,655	467,599
51090	Water Control Station Operators	4.00	4.00	4.00	482,457	488,352	503,531
52360	Electrician	1.00	1.00	2.00	119,087	241,777	244,152
53050	Water Service Mechanic	7.00	7.00	6.00	860,832	751,451	773,370

Sub-Total	54.75	53.00	54.00	\$6,996,149	\$6,906,621	\$7,277,310
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Temporary Employees:

46020	Occupational Intern Skilled	0.17	-	-	\$5,051	\$0	\$0
80280	Engineer in Training	-	0.17	0.17	0	10,466	10,816

Sub-Total	0.17	0.17	0.17	\$5,051	\$10,466	\$10,816
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FTE Total Supply	54.92	53.17	54.17	\$7,001,200	\$6,917,087	\$7,288,126
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TACOMA WATER	2015-16	2017-18	2019-20
Asset & Information Mgmt	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Asset & Information Mgmt (585300)

Salaries & Wages	\$3,071,802	\$4,539,676	\$4,780,312
Employee Benefits	1,180,503	1,800,655	1,780,308
Capital Credit & Labor To/From Others	(78,079)	(537,532)	(555,562)
Total Personnel Costs	4,174,226	5,802,799	6,005,058
Supplies	206,681	281,459	422,485
Services	42,773	1,660,000	1,139,498
Other Charges	338,094	414,500	697,519

Total Asset & Information Mgmt Section	\$4,761,775	\$8,158,758	\$8,264,560
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ASSET & INFORMATION MANAGEMENT Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
01360	Information Technology Supv	-	1.00	1.00	\$0	\$171,868	\$181,949
01500	IT Analyst	1.00	3.00	3.00	113,426	334,140	348,219
01510	IT Analyst, Senior	3.00	1.00	1.00	406,667	151,528	156,122
01520	IT Analyst, Senior Technical	1.00	-	-	149,957	0	0
07200	Project Manager	1.00	-	-	159,515	0	0
07370	Administrative Assistant	1.00	1.00	1.00	91,729	91,822	94,385
11090	Management Analyst I	1.00	1.00	1.00	102,791	84,790	87,105
11200	Management Analyst II	3.00	4.00	4.00	348,838	457,121	480,634
11350	Management Analyst III	2.00	4.00	4.00	270,322	507,488	525,786
20120	Engineering Technician III	2.00	2.00	2.00	234,200	236,976	243,805
20610	Water Division Mgr, Asst	2.00	2.00	2.00	391,108	400,321	412,465
20640	Water Division Supt Deputy	1.00	1.00	1.00	240,155	245,695	253,370
20700	Engineer	-	1.00	1.00	0	117,605	120,989
20820	Engineer, Professional	1.00	-	-	139,425	0	0

Sub-Total	19.00	21.00	21.00	\$2,648,133	\$2,799,354	\$2,904,829
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Project Employees:

11350	Management Analyst III	5.00	3.00	3.00	604,703	367,025	377,850
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Sub-Total	5.00	3.00	3.00	\$604,703	\$367,025	\$377,850
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Temporary Employees:

46020	Occupational Intern Skilled	0.36	0.18	0.18	\$10,697	\$5,408	\$5,587
46080	IT Analyst Intern	-	0.17	0.17	0	9,421	9,737

Sub-Total	0.36	0.35	0.35	\$10,697	\$14,829	\$15,324
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FTE Total Asset & Information Mgmt	24.36	24.35	24.35	\$3,263,533	\$3,181,208	\$3,298,003
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TACOMA WATER	2015-16	2017-18	2019-20
Finance & Analytics	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Finance & Analytics (585500)

Salaries & Wages	\$1,019,832	\$1,492,179	\$2,771,192
Employee Benefits	386,260	575,645	997,323
Capital Credit & Labor To/From Others	(8,810)	(32,779)	(33,372)
Total Personnel Costs	1,397,282	2,035,045	3,735,143
Supplies	21,567	18,168	33,352
Services	182,410	485,200	725,320
Other Charges	58,979	37,384	140,289

Total Finance & Analytics Section	\$1,660,238	\$2,575,797	\$4,634,104
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Finance & Analytics Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
05200	Financial Manager	1.00	-	-	\$152,048	\$0	\$0
05800	Utilities Economist	1.00	1.00	1.00	145,643	147,915	152,398
05820	Utilities Economist, Sr	-	1.00	1.00	0	144,654	149,022
07210	Project Manager, Sr	-	1.00	1.00	0	157,702	162,496
07370	Administrative Assistant	-	1.00	1.00	0	78,117	80,206
11090	Management Analyst I	0.87	1.00	1.00	73,624	103,641	106,602
11200	Management Analyst II	2.00	2.00	2.00	245,314	230,096	241,334
11350	Management Analyst III	1.00	2.00	4.00	120,941	256,960	522,620
20610	Water Division Manager, Asst	1.00	2.00	2.00	157,256	377,337	396,820
20660	Water Division Manager	1.00	1.00	1.00	211,302	215,855	222,513

Sub-Total	7.87	12.00	14.00	\$1,106,127	\$1,712,277	\$2,034,011
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Temporary Employees:

46020	Occupational Intern Skilled	-	0.18	0.18	0	5,408	5,587
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FTE Total Finance & Analytics	7.87	12.18	14.18	\$1,106,127	\$1,717,685	\$2,039,598
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TACOMA WATER	2015-16	2017-18	2019-20
Taxes	Biennium Actual	Biennium Budget	Biennium Budget

TAX PAYMENTS

City of Tacoma:

Gross Earnings Tax (8.0%)	\$13,531,202	\$12,759,190	\$14,132,161
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State of Washington:

Utility & Business Taxes	7,974,784	7,562,879	8,380,257
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Other*	1,345,362	1,321,086	1,525,255
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Subtotal	22,851,347	21,643,155	24,037,673
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Anticipated Additional Revenue**

Gross Earnings Tax (8.0%)		675,190	509,098
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Utility & Business Taxes		424,441	320,031
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	1,099,631	829,129
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Total Tacoma Water Taxes	\$22,851,347	\$22,742,786	\$24,866,802
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* Other includes franchise, administrative and other fees paid to other cities and entities and fire patrol assessments paid to WA State DNR.

** Taxes on anticipated additional revenue due to rate increase.

TACOMA WATER	2015-16	2017-18	2019-20
Debt Service	Biennium Actual	Biennium Budget	Biennium Budget

DEBT SERVICE SUMMARY

Interest	\$29,761,597	\$30,078,523	\$27,890,452
Principal	21,139,452	22,934,455	25,326,034

Total Debt Service	\$50,901,049	\$53,012,978	\$53,216,486
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DEBT SERVICE DETAIL

BONDS

2005 Bonds	Interest	\$2,558,912	\$500	\$500
\$5,000 remaining after refund	Principal	3,937,083	0	0
2009 Build America Bonds	Interest	8,830,661	8,830,661	8,830,661
\$76,775,000				
2010 Refunding of 2001 Bonds	Interest	2,413,575	2,349,300	1,853,400
\$26,395,000 issued	Principal	111,250	4,505,000	8,360,000
2010 Build America Bonds	Interest	8,154,705	8,154,705	8,154,705
\$74,985,000				
2013 Refunding of 2003 Bonds	Interest	5,948,400	5,948,400	5,948,400
\$74,355,000 issued				
2015 Refunding Bonds	Interest	0	1,485,128	1,158,000
\$18,430,000 issued	Principal	4,965,837	6,090,000	3,110,000

LOANS

Public Works Trust Fund Loans	Interest	59,041	240,564	186,629
	Principal	5,393,536	5,393,541	5,393,542
State Drinking Water Fund Loans	Interest	1,796,303	3,069,266	1,758,158
	Principal	6,731,746	6,945,914	8,462,492

Total Debt Service	\$50,901,049	\$53,012,978	\$53,216,486
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TACOMA WATER	2017-18	2019-20
Capital Outlay	Biennium Budget	Biennium Budget

SUMMARY

General Plant	\$5,111,724	\$16,795,574
Water Distribution	27,935,816	32,067,914
Water Quality	5,301,255	4,173,620
Water Transmission/Storage/Supply	9,702,699	8,329,371

Sub-Total	\$48,051,494	\$61,366,479
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Projects Funded from Existing Bonds	(40,040,521)	(26,254,910)
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Total Operating & Reserve Fund Capital Outlay	\$8,010,973	\$35,111,569
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General Plant

UTS Projects	\$2,770,107	\$2,506,266
Advanced Meter Infrastructure (AMI)	1,181,617	13,108,675
Land Acquisition and Strategy	500,000	500,000
Unanticipated Capital & Plant/Equipment Failure Contingency	660,000	680,633

General Plant Total	\$5,111,724	\$16,795,574
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Water Distribution

FRP: Franchise Required Projects	\$200,000	\$200,000
Projects of Opportunity (Prop 3 and Prop A)	200,000	200,000
WDP: Water Division Projects	716,602	1,867,250
MRP: Main Replacement Projects	9,755,190	9,333,398
MRP: Galvanized Main Replacement Projects	1,292,108	2,307,596
MRP: Sound Transit Light Rail Ext MLK	0	3,297,204
MRP: Curran Road Improvements	0	2,196,414
Main Retirements	155,638	100,000
LID/Contract Contributions	200,000	200,000
Lead Gooseneck Replacement Program	5,200,000	5,527,052
Hydrant Installation and Replacement	721,933	460,000
Water Service Renewal and Replacement	4,253,590	4,685,000
Valve Installation and Replacement	615,487	655,000
Capital Meter Replacements	700,000	650,000
Blowoff Installation and Replacement	346,985	335,000
Water bottle Refill Stations	0	54,000
TPU Decant Facility	1,162,287	0
WDP: Tehaleh Main Extension	1,038,996	0
Curran Road System Acquisition	1,000,000	0
Meter Upgrade Project	300,000	0
Leak Detection Equipment	59,000	0
Ground Penetrating Radar Equipment	18,000	0

Water Distribution Total	\$27,935,816	\$32,067,914
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TACOMA WATER	2017-18	2019-20
Capital Outlay	Biennium Budget	Biennium Budget

Water Quality

Water Quality Tools and Equipment	\$200,000	\$200,000
Built Forestland Assets	75,000	75,000
Dedicated Distribution System Sample Stations	96,000	48,000
Muckleshoot Agreement	500,000	500,000
Palmer Area Improvements	200,000	50,000
Corrosion Control GPL Wells	2,000,000	2,000,000
MIT Kapowsin Remediation	600,000	594,902
Portable Sample Stations	50,000	0
Pipeline 4 Swan Creek Crossing	700,000	0
1st Diversion:		
Watershed Tools and Equipment	43,452	43,452
Watershed Betterments	94,292	86,905
Major Treatment and Equipment	108,631	123,839
North Fork Wells Control Valves	275,556	53,052
North Fork 7 Motor	133,333	15,916
HCP Culvert Replacement	37,778	24,444
Security Gates and Cameras	0	58,364
North Fork Wells Renewal and Replacement	0	299,746
Connection to USACE Early Warning System at HHD	16,946	0
Smay Creek Forest Road Crossing	170,267	0
Water Quality Total	\$5,301,255	\$4,173,620

Water Transmission/Storage/Supply

Cathodic Protection	\$500,000	\$500,000
Well Renewal and Replacement	650,000	400,000
Supply Tools	50,000	50,000
Supply System Improvements	450,000	702,825
Hood Street Facilities Seismic Improvements	414,180	1,047,600
Water Distribution Operations Building Seismic Improvement	175,500	4,129,800
Replace PL1 at Puyallup River	5,723,162	200,000
Seismic Improvement to Steel Reservoirs	0	304,146
Addition of Isolation Valve at Indian Hill Reservoir	0	100,000
Well 12A Pipe Supports	0	100,000
Add Seismic Valves to Alaska Street Reservoir	0	195,000
McMillin PS#1 and McMillin Gate House Genset Replacement	0	200,000
Re-Architecture of SCADA Network for connection to TPU Ops LAN	0	400,000
SCADA Systems - Intrusion Alarm Security Improvements	75,000	0
STPS Building Seismic Improvements	151,576	0
Replace/Improve Large Valves	300,000	0
Demo of McMillin Building/Standpipe	121,787	0
West McDonald Ridge Permanent Power	84,494	0

TACOMA WATER	2017-18	2019-20
Capital Outlay	Biennium Budget	Biennium Budget

Meter Installation Project	237,000	0
Pipeline 1 at Deep Creek	670,000	0
Emergency Intertie with LUD at 356th Pump Station	100,000	0
Water Transmission/Storage/Supply Total	\$9,702,699	\$8,329,371

Total Capital Outlay	\$48,051,494	\$61,366,479
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REGIONAL WATER SUPPLY SYSTEM (RWSS)

TACOMA PUBLIC UTILITIES

2019-2020

BIENNIUM BUDGET

MEMORANDUM ONLY

REGIONAL WATER SUPPLY SYSTEM	2017-18	2019-20
Biennial Budget - Memorandum Only	Biennium Budget	Biennium Budget

REVENUE

Operating Revenue		
Operations - Partners	\$4,546,410	\$4,830,176
Operations - Tacoma	3,756,270	4,561,866
Total Operating Revenue	8,302,680	9,392,042
Debt Service - Partners	4,686,057	5,448,138
BABs Interest Federal Subsidy - Partners	389,536	389,537
Debt Service - Tacoma	6,585,603	7,482,378
BABs Interest Federal Subsidy - Tacoma	1,229,025	1,229,025
Total Debt Service	12,890,221	14,549,077
Non-Operating Revenue		
Capital - Partners	814,826	1,421,018
Capital - Tacoma	582,019	1,015,013
Capital - Other	0	0
Total Capital	1,396,845	2,436,031
Total Non Operating Revenue	14,287,066	16,985,108

Total Revenue	\$22,589,746	\$26,377,150
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EXPENDITURES

Personnel Costs	\$3,280,581	\$3,939,961
Supplies	2,257,201	2,656,063
Services	1,752,330	1,793,621
Other Charges	1,012,568	1,002,397
Debt Service	12,890,221	14,549,077
Capital Outlay	1,396,845	2,436,031
Total Expenditures	\$22,589,746	\$26,377,150

REGIONAL WATER SUPPLY SYSTEM	2017-18	2019-20
Biennial Budget - Memorandum Only	Biennium Budget	Biennium Budget

DEBT SERVICE

2010 BABs & Tax Exempt Bonds		
Debt Interest	\$3,513,310	\$3,360,416
BABs Subsidy	1,618,561	1,618,561
Debt Principal	570,000	610,000
2013 Refunding Bond		
Debt Interest	5,678,350	5,480,100
Debt Principal	1,510,000	3,480,000

Total Debt Service	\$12,890,221	\$14,549,077
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CAPITAL OUTLAY

Watershed Tools and Equipment	\$56,548	\$56,548
Watershed Betterments	122,708	113,095
Major Treatment & Equipment	141,369	161,161
North Fork Wells Renewal & Replacement	0	265,254
North Fork Wells Control Valves	344,444	46,948
North Fork 7 Motor	166,667	14,084
Security Gates & Camera	0	71,635
HCP Culvert Replacement	47,222	30,556
HH Additional Water Storage Project	160,000	40,000
MIT Fish Restoration Facility	0	1,636,750
Friends of the Green	123,000	0
HHD USACE Early Warning System Connection	22,054	0
Smay Creek Forest Road Crossing	212,833	0

Total Capital Outlay	\$1,396,845	\$2,436,031
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OPERATIONAL SUMMARY

TACOMA RAIL provides safe, reliable, and efficient rail transportation solutions to support the continued economic development of Tacoma and the Puget Sound region. Tacoma Rail provides services that are vital to the economic health of its customers. It links nearly 60 customers with North America and the world. Tacoma Rail provides rail freight service to the Northwest Seaport Alliance, South Harbor, as well as industrial customers in South Tacoma and Frederickson. It is one of the busiest short-line railroads in the country in terms of revenue-generating freight movements, utilizing 16 locomotives along 140 miles of track.

RAIL ADMINISTRATION leads a team of professionals that safely and efficiently delivers quality service to Tacoma Rail customers, administers the railroad safety, compliance and certification programs, ensures quality rail service through financial tracking and innovative technology, as well as performing cost of service studies, rate design and other rate and pricing services, and developing grant funding request submissions. A key component is recruiting, developing, and retaining a high quality workforce by building positive partnerships with labor. We also participate in various transportation and railroad related memberships, forums, boards and associations for continuous education, collaboration and influence with customers, connecting railroads, and other parties to increase and retain rail traffic, improving Tacoma Rail's competitive position.

RAIL OPERATIONS plans for, receives and delivers interstate freight shipments by rail to customers in its service area in a timely, efficient and customer-focused manner, while managing multiple train crew starts within three working shifts, 24 hours per day, 7 days per week. We monitor and maintain accurate inventory of all railcars in Tacoma Rail's possession, including hazardous materials shipments, in a safe, efficient and cost-effective manner that is compliant with all applicable federal and national industry regulations and standards. Rail Operations is mindful that Tacoma Rail operates in densely populated areas and mitigates operating practices and actions (horns, grade crossing and environmental considerations) to avoid any negative impacts on the health and well-being of the surrounding communities. We are vanguards in environmentally beneficial management practices and conscientious stewards of the environment with the resources we use.

RAIL MECHANICAL maintains and improves Tacoma Rail's locomotive fleet to ensure compliance with federal regulations, achieving environmental stewardship goals, and providing consistent levels of service to Tacoma Rail customers, while providing value added services at competitive rates to Tacoma Rail's Class I Railroad partners in support of local throughput velocity and regional competitiveness objectives.

RAIL CONSTRUCTION maintains and improves Tacoma Rail's track structures including bridges, signal systems and right-of-ways to ensure compliance with state and federal regulations, maximizing operational flexibility, and supporting new business opportunities, while planning, prioritizing and performing ongoing maintenance and capital improvement projects. We also assist in the development and presentation of grant funding request submissions on various improvement projects, negotiate and execute construction and maintenance agreements with public and private entities occupying railroad right-of-ways, coordinate buildings and grounds maintenance and participate with neighboring jurisdictions on local community improvement and safety projects.

TACOMA RAIL	2015-16	2017-18	2019-20
Recapitulation of Biennial Budget	Biennium Actual	Biennium Budget	Biennium Budget

REVENUE

Switching Revenue	\$55,308,525	\$60,027,884	\$59,490,512
Miscellaneous Revenue	4,683,716	4,251,312	5,498,000
Total Operating Revenue	59,992,241	64,279,196	64,988,512
Other Income	2,831,403	2,364,000	2,664,334

Total Revenue & Available Funds	\$62,823,643	\$66,643,196	\$67,652,846
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EXPENDITURES

Personnel Costs	\$30,452,253	\$31,543,815	\$33,984,306
Supplies, Services & Other Charges	20,609,121	22,705,310	21,179,656
Taxes	5,857,919	6,295,643	6,382,314
Debt Service	1,431,736	1,799,885	1,640,486
Capital Outlay	5,725,882	4,298,543	4,466,084

Total Expenditures	\$64,076,911	\$66,643,196	\$67,652,846
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CAPITAL OUTLAY FINANCING DETAIL

Funded from Operating Fund		\$4,298,543	\$4,466,084
Funded from Anticipated Bank Loan Proceeds/Grants		1,361,457	1,450,000

Total Capital Outlay		\$5,660,000	\$5,916,084
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PERSONNEL - Budgeted FTEs	121.00 / 122.00	118.00 / 118.00	126.00 / 126.00
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TACOMA RAIL	2015-16	2017-18	2019-20
Revenue	Biennium Actual	Biennium Budget	Biennium Budget

REVENUE SUMMARY

Switching Revenue	\$55,308,525	\$60,027,884	\$59,490,512
Miscellaneous Revenue	4,683,716	4,251,312	5,498,000

Total Operating Revenue	59,992,241	64,279,196	64,988,512
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Other Income	2,831,403	2,364,000	2,664,334
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Total Revenue & Available Funds	\$62,823,643	\$66,643,196	\$67,652,846
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REVENUE DETAIL

Switching Revenue

Line Hauls & Local	\$52,596,235	\$57,727,884	\$57,190,512
Demurrage	2,712,290	2,300,000	2,300,000

Total Switching Revenue	55,308,525	60,027,884	59,490,512
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Locomotive Servicing	3,723,902	3,729,312	4,800,000
Miscellaneous Revenue	959,814	522,000	698,000

Total Miscellaneous Revenue	4,683,716	4,251,312	5,498,000
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Total Operating Revenue	59,992,241	64,279,196	64,988,512
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Other Income

Rent & Other Income	2,663,812	2,160,000	2,220,000
Interest Income	167,591	204,000	225,000

Total Non-Operating Revenue	2,831,403	2,364,000	2,445,000
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Appropriation from Fund Balance	0	0	219,334
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Total Revenue & Available Funds	\$62,823,643	\$66,643,196	\$67,652,846
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TACOMA RAIL	2015-16	2017-18	2019-2020
Division Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Operation and Maintenance by Section

Rail Administration	\$19,364,751	\$21,662,977	\$19,212,001
Operations	22,729,900	23,091,658	24,502,263
Mechanical	9,353,480	10,349,435	12,744,323
Construction	5,471,162	5,440,698	5,087,688

Total for Division	\$56,919,293	\$60,544,768	\$61,546,276
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SUMMARY - Operation and Maintenance by Category

Salaries & Wages	\$22,342,007	\$23,205,388	\$25,690,332
Employee Benefits	9,324,415	9,692,927	9,896,973
Capital Credit & Labor To/From Others	(1,214,169)	(1,354,500)	(1,603,000)
Total Personnel Costs	30,452,253	31,543,815	33,984,306
Supplies	2,491,508	2,873,441	2,899,812
Services	7,226,281	7,748,242	9,547,202
Other Charges	7,931,421	8,705,421	4,683,836
Assessments	2,959,911	3,378,206	4,048,806
Taxes	5,857,919	6,295,643	6,382,314

Total for Division	\$56,919,293	\$60,544,768	\$61,546,276
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TACOMA RAIL		Positions Budgeted			Wages & Benefits Budgeted		
Position Requirements		2018	2019	2020	2018	2019	2020
Code	Classification Title						
05330	Operations Mgr	4.00	3.00	3.00	\$689,664	\$529,829	\$545,323
07390	Office Manager	1.00	1.00	1.00	129,212	131,813	135,758
08300	Utilities Dir Dpty Rail Supt	1.00	1.00	1.00	259,793	266,577	274,806
11200	Management Analyst II	3.00	5.00	5.00	354,543	618,508	636,848
11350	Management Analyst III	2.00	2.00	2.00	290,179	305,061	316,936
71010	Railway Yard Clerk	5.00	5.00	5.00	539,879	577,033	593,731
71060	Railway Conductor	42.00	46.00	46.00	5,285,125	5,448,584	5,613,866
71110	Locomotive Engineer	20.00	20.00	20.00	2,542,175	2,497,863	2,575,379
71150	Railway Yardmaster	6.00	6.00	6.00	874,693	893,437	919,270
7119A	Railway Track Inspect w 5+yr	2.00	1.00	1.00	214,317	108,607	112,612
71200	Railway Track Mnt Worker	4.00	5.00	5.00	385,780	494,651	509,341
7121A	Railway Track Mnt Supvr w 5+yr	1.00	1.00	1.00	112,151	114,172	117,471
71260	Railway Roadmaster	1.00	1.00	1.00	183,459	189,030	194,562
71270	Rail Supervisor of Operations	6.00	7.00	7.00	897,017	1,072,793	1,104,213
71280	Rail Chief Administrative Officer	1.00	1.00	1.00	182,708	187,096	192,627
71290	Rail Chief Info/Financial Officer	1.00	1.00	1.00	182,708	187,096	192,627
71300	Rail Chief Mechanical Officer	1.00	1.00	1.00	166,371	170,170	175,187
71400	Locomotive Mechanic I	9.00	11.00	11.00	1,021,254	1,234,030	1,277,131
71410	Locomotive Mechanic, Sr	3.00	3.00	3.00	373,712	381,142	392,493
71420	Railway Shop Worker	2.00	2.00	2.00	186,057	189,731	195,103
71450	Railway Track Eq Mech Welder	1.00	1.00	1.00	116,197	118,368	121,819
71520	Rail Superintendent, Asst	2.00	2.00	2.00	439,424	450,501	464,135
FTE Total Tacoma Rail		118.00	126.00	126.00	\$15,426,418	\$16,166,092	\$16,661,238

TACOMA RAIL Administration	2015-16 Biennium Actual	2017-18 Biennium Budget	2019-20 Biennium Budget
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SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$3,336,082	\$3,601,429	\$4,003,161
Employee Benefits	1,170,834	1,308,241	1,398,245
Capital Credit & Labor To/From Others	37,031	41,500	20,000
Total Personnel Costs	4,543,947	4,951,170	5,421,406
Supplies	363,813	351,246	397,312
Services	354,033	514,317	578,173
Other Charges	952,060	1,172,395	2,383,990
Taxes	5,857,654	6,295,643	6,382,314
Volume Incentive	4,333,333	5,000,000	0
Assessments	2,959,911	3,378,206	4,048,806

Total Operation & Maintenance	\$19,364,751	\$21,662,977	\$19,212,001
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Finance & Technology (591001)

Salaries & Wages	\$805,993	\$831,045	\$953,160
Employee Benefits	313,080	323,056	337,374
Capital Credit & Labor To/From Others	798	0	0
Total Personnel Costs	1,119,871	1,154,101	1,290,534
Supplies	109,432	128,000	121,000
Services	410	400	2,600
Other Charges	27,299	32,400	36,120
Total	\$1,257,012	\$1,314,901	\$1,450,254

Administrative Support (591002)

Salaries & Wages	\$1,187,705	\$1,529,254	\$1,513,299
Employee Benefits	496,481	621,014	615,334
Capital Credit & Labor To/From Others	0	0	0
Total Personnel Costs	1,684,186	2,150,268	2,128,633
Supplies	1,607	1,800	2,400
Services	10	0	40
Other Charges	25,281	38,960	46,010
Total	\$1,711,084	\$2,191,028	\$2,177,083

TACOMA RAIL Administration	2015-16 Biennium Actual	2017-18 Biennium Budget	2019-20 Biennium Budget
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Safety & Compliance (591003)

Salaries & Wages	\$852,082	\$481,244	\$695,641
Employee Benefits	255,488	172,557	252,362
Capital Credit & Labor To/From Others	(1,415)	0	0
Total Personnel Costs	1,106,155	653,801	948,003
Supplies	34,776	38,000	64,200
Services	9,557	201,800	306,300
Other Charges	64,535	18,260	49,460
Total	\$1,215,023	\$911,861	\$1,367,963

Administration (591004)

Salaries & Wages	\$490,302	\$759,886	\$841,061
Employee Benefits	105,785	191,614	193,175
Capital Credit & Labor To/From Others	37,648	41,500	20,000
Total Personnel Costs	633,735	993,000	1,054,236
Supplies	217,998	183,446	209,712
Services	344,056	312,117	269,233
Other Charges	834,945	1,082,775	2,252,400
Taxes	5,857,654	6,295,643	6,382,314
Volume Incentive	4,333,333	5,000,000	0
Assessments	2,959,911	3,378,206	4,048,806
Total	\$15,181,632	\$17,245,187	\$14,216,701

Total Rail Administration Section	\$19,364,751	\$21,662,977	\$19,212,001
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TACOMA RAIL Operations	2015-16 Biennium Actual	2017-18 Biennium Budget	2019-20 Biennium Budget
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SUMMARY - Section Consolidation Operation & Maintenance

Rail Operations (592101)

Salaries & Wages	\$14,702,393	\$14,886,289	\$16,145,474
Employee Benefits	6,086,549	6,370,539	6,332,772
Capital Credit & Labor To/From Others	(950,179)	(974,000)	(970,000)
Total Personnel Costs	19,838,763	20,282,828	21,508,246
Supplies	174,642	171,045	192,000
Services	1,869,727	1,787,153	1,886,057
Other Charges	846,768	850,632	915,960

Total Operations Section	\$22,729,900	\$23,091,658	\$24,502,263
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TACOMA RAIL Mechanical	2015-16 Biennium Actual	2017-18 Biennium Budget	2019-20 Biennium Budget
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SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$2,759,619	\$2,934,973	\$3,464,475
Employee Benefits	1,269,028	1,225,267	1,326,658
Capital Credit & Labor To/From Others	(10,672)	0	0
Total Personnel Costs	4,017,975	4,160,240	4,791,133
Supplies	1,098,462	1,150,850	1,291,200
Services	2,859,977	3,762,525	5,768,334
Other Charges	1,376,801	1,275,820	893,656
Taxes	265	0	0

Total Operation & Maintenance	\$9,353,480	\$10,349,435	\$12,744,323
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Administration Associated Crews (592201)

Salaries & Wages	\$2,759,619	\$2,934,973	\$3,464,475
Employee Benefits	1,269,028	1,225,267	1,326,658
Capital Credit & Labor To/From Others	(11,809)	0	0
Total Personnel Costs	4,016,838	4,160,240	4,791,133
Supplies	69,142	40,250	64,600
Services	6,877	3,600	2,500
Other Charges	49,559	52,300	54,900
Total	\$4,142,416	\$4,256,390	\$4,913,133

Repair & Maintenance of Locomotive Equipment (592202)

Salaries & Wages	\$0	\$0	\$0
Employee Benefits	0	0	0
Capital Credit & Labor To/From Others	1,137	0	0
Total Personnel Costs	1,137	0	0
Supplies	1,029,320	1,110,600	1,226,600
Services	2,853,100	3,758,925	5,765,834
Other Charges	1,327,242	1,223,520	838,756
Taxes	265	0	0
Total	\$5,211,064	\$6,093,045	\$7,831,190

Total Mechanical Section	\$9,353,480	\$10,349,435	\$12,744,323
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TACOMA RAIL Construction	2015-16 Biennium Actual	2017-18 Biennium Budget	2019-20 Biennium Budget
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SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$1,543,913	\$1,782,697	\$2,077,222
Employee Benefits	798,004	788,880	839,299
Capital Credit & Labor To/From Others	(290,349)	(422,000)	(653,000)
Total Personnel Costs	2,051,568	2,149,577	2,263,520
Supplies	854,591	1,200,300	1,019,300
Services	2,142,544	1,684,247	1,314,638
Other Charges	422,459	406,574	490,230

Total Operation & Maintenance	\$5,471,162	\$5,440,698	\$5,087,688
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Administrative Misc. Crews (592301)

Salaries & Wages	\$1,543,913	\$1,782,697	\$2,077,222
Employee Benefits	798,004	788,880	839,299
Capital Credit & Labor To/From Others	(318,910)	(446,000)	(680,000)
Total Personnel Costs	2,023,007	2,125,577	2,236,520
Supplies	3,279	3,300	1,100
Services	524	750	500
Other Charges	45,976	54,840	47,560
Total	\$2,072,786	\$2,184,467	\$2,285,680

Maintenance Track & Equipment (592302)

Salaries & Wages	\$0	\$0	\$0
Employee Benefits	0	0	0
Capital Credit & Labor To/From Others	381	0	0
Total Personnel Costs	381	0	0
Supplies	675,656	847,000	811,200
Services	1,737,876	1,333,497	948,138
Other Charges	39,685	19,384	28,250
Total	\$2,453,598	\$2,199,881	\$1,787,588

TACOMA RAIL Construction	2015-16 Biennium Actual	2017-18 Biennium Budget	2019-20 Biennium Budget
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Maintenance of Buildings, Fixtures & Grounds (592303)

Salaries & Wages	\$0	\$0	\$0
Employee Benefits	0	0	0
Capital Credit & Labor To/From Others	28,180	24,000	27,000
Total Personnel Costs	28,180	24,000	27,000
Supplies	175,656	350,000	207,000
Services	404,144	350,000	366,000
Other Charges	336,798	332,350	414,420
Total	\$944,778	\$1,056,350	\$1,014,420

Total Construction Section	\$5,471,162	\$5,440,698	\$5,087,688
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TACOMA RAIL	2015-16	2017-18	2019-20
Taxes	Biennium Actual	Biennium Budget	Biennium Budget

TAX PAYMENTS

City of Tacoma:

Gross Earnings Tax (8.0%)	\$5,001,352	\$5,331,455	\$5,410,000
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State of Washington:

Utility & Business Tax	856,453	964,188	971,000
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Other Taxes	115	0	1,314
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Total Tacoma Rail Taxes	\$5,857,919	\$6,295,643	\$6,382,314
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TACOMA RAIL	2015-16	2017-18	2019-20
Debt Service	Biennium Actual	Biennium Budget	Biennium Budget

DEBT SERVICE SUMMARY

Interest	\$30,214	\$866	\$0
Principal	1,401,522	1,799,019	1,640,486

Total Debt Service	\$1,431,736	\$1,799,885	\$1,640,486
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DEBT SERVICE DETAIL

Revenue Bond	Interest	\$30,214	\$866	\$0
	Principal	490,617	64,238	0
Rail Bank Loans	Principal	910,905	1,734,781	1,640,486

Total Debt Service	\$1,431,736	\$1,799,885	\$1,640,486
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TACOMA RAIL	2017-18	2019-20
Capital Outlay	Biennium Budget	Biennium Budget

SUMMARY

General Plant	\$0	\$41,084
Communications	235,000	150,000
Facility Upgrades	1,025,000	2,300,000
Rail Equipment/Vehicles	1,000,000	1,175,000
Track Improvements	3,400,000	2,250,000

Sub-Total	\$5,660,000	\$5,916,084
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Projects Funded from Grants	(\$400,000)	(\$1,000,000)
Projects Funded from Rail Bank Loan Proceeds	(311,457)	(450,000)
Projects Funded from Anticipated Bank Loan Proceeds	(650,000)	0

Total Operating Fund Capital Outlay	\$4,298,543	\$4,466,084
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General Plant

TPU Auditorium TV Upgrade	\$0	\$41,084
General Plant Total	\$0	\$41,084

Communications

Radio Repeater Upgrades	\$150,000	\$150,000
GPS and Cameras for Locomotives	85,000	0
Communications Total	\$235,000	\$150,000

Facility Upgrades

Locomotive Load Box	\$0	\$50,000
ITS Project	300,000	300,000
Stormwater Treatment and Filtration	100,000	50,000
Secondary Fueling Upgrades	500,000	1,900,000
Admin Building Window Replacement	25,000	0
West End Track Pan Replacement	100,000	0
Facility Upgrades Total	\$1,025,000	\$2,300,000

TACOMA RAIL	2017-18	2019-20
Capital Outlay	Biennium Budget	Biennium Budget

Rail Equipment/Vehicles

Locomotive Repower	\$1,000,000	\$1,000,000
Lift Truck (Fork Lift)	0	25,000
Trucks	0	150,000
Rail Equipment/Vehicles Total	\$1,000,000	\$1,175,000

Track Improvement Projects

Tidelands Infrastructure Improvements	\$1,000,000	\$1,000,000
Marine View Drive Crossing Signals	0	1,000,000
Taylor Way Crossings	0	250,000
Taylor Way and Hylebos Creek Bridge Relay	525,000	0
Port Road Main Rail Relay	505,000	0
South Lead Rail Relay	200,000	0
Kia Siding Rail Relay	270,000	0
Buffelen Curve Rehabilitation	420,000	0
Switch Replacements	480,000	0
Track Improvement Projects Total	\$3,400,000	\$2,250,000

Total Capital Outlay	\$5,660,000	\$5,916,084
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FLEET SERVICES	2015-16	2017-18	2019-20
Recapitulation of Biennial Budget	Biennium Actual	Biennium Budget	Biennium Budget

REVENUE

Replacement Fees	\$9,949,015	\$14,265,897	\$6,979,830
Administrative Overhead	1,681,250	2,745,393	2,827,007
Fees for Services	4,740,836	7,623,786	6,721,751
Total Operating Revenue	16,371,101	24,635,076	16,528,588
Other Income	577,746	125,000	50,000
Appropriation from Fund Balance	0	0	9,800,670

Total Revenue & Available Funds	\$16,948,847	\$24,760,076	\$26,379,258
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EXPENDITURES

Personnel Costs	\$5,819,193	\$6,643,452	\$6,767,495
Supplies	229,364	198,744	237,576
Services	881,114	704,178	506,928
Other Charges	552,723	2,426,589	738,193
Assessments	1,233,530	1,369,113	1,348,567
Total Operations & Maintenance	8,715,924	11,342,076	9,598,758

Capital Outlay	10,889,266	13,418,000	16,780,500
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Total Expenditures	\$19,605,190	\$24,760,076	\$26,379,258
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PERSONNEL - Budgeted FTEs	29.50 / 29.50	29.00 / 29.00	30.00 / 30.00
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FLEET SERVICES	2015-16	2017-18	2019-20
Revenue	Biennium Actual	Biennium Budget	Biennium Budget

REVENUE SUMMARY

Operating Revenue

Replacement Fees	\$9,949,015	\$14,265,897	\$6,979,830
Administrative Overhead	1,681,250	2,745,393	2,827,007
Maintenance - Labor	3,897,330	6,801,286	5,811,751
Maintenance - Parts Overhead	414,683	425,000	425,000
Fuel Overhead	107,495	110,000	175,000
Pool Car Use	260,063	225,000	250,000
Misc. Work Order Revenue	61,265	62,500	60,000
Total Operating Revenue	16,371,101	24,635,076	16,528,588

Non-Operating Revenue

Interest	24,676	125,000	50,000
Other Revenue	553,070	0	0
Total Non-Operating Revenue	577,746	125,000	50,000

Appropriation from Fund Balance	0	0	9,800,670
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Total Revenue & Available Funds	\$16,948,847	\$24,760,076	\$26,379,258
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FLEET SERVICES	2015-16	2017-18	2019-20
Division Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Operation and Maintenance by Category

Salaries & Wages	\$3,988,002	\$4,652,106	\$4,770,353
Employee Benefits	2,139,703	1,991,346	1,997,142
Capital Credit & Labor To/From Others	(308,512)	0	0
Total Personnel Costs	5,819,193	6,643,452	6,767,495
Supplies	229,364	198,744	237,576
Services	881,114	704,178	506,928
Other Charges	552,723	2,426,589	738,193
Assessments	1,233,530	1,369,113	1,348,567

Total Operation & Maintenance	\$8,715,924	\$11,342,076	9,598,758
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Capital Outlay	10,889,266	13,418,000	16,780,500
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Total for Division	\$19,605,190	\$24,760,076	\$26,379,258
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Fleet Services Administration (574200)

Salaries & Wages	\$619,705	\$751,570	\$924,756
Employee Benefits	252,665	298,790	353,389
Capital Credit & Labor To/From Others	9,785	0	0
Total Personnel Costs	882,155	1,050,360	1,278,145
Supplies	20,248	25,773	32,926
Services	172,176	203,231	142,575
Other Charges	129,179	1,864,068	159,218
Assessments	1,233,530	1,369,113	1,348,567
Total	\$2,437,288	\$4,512,545	\$2,961,431

Fleet Services Shop (574201)

Salaries & Wages	\$2,978,809	\$3,488,082	\$3,421,199
Employee Benefits	1,697,144	1,496,919	1,453,842
Capital Credit & Labor To/From Others	(318,297)	0	0
Total Personnel Costs	4,357,656	4,985,001	4,875,041
Supplies	201,299	157,382	146,150
Services	311,586	158,751	103,663
Other Charges	382,400	478,903	478,595
Total	\$5,252,941	\$5,780,037	\$5,603,449

FLEET SERVICES	2015-16	2017-18	2019-20
Division Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

Fleet Services Parts (574202)

Salaries & Wages	\$389,488	\$412,454	\$424,398
Employee Benefits	189,894	195,638	189,911
Capital Credit & Labor To/From Others	0	0	0
Total Personnel Costs	579,382	608,092	614,309
Supplies	16,497	15,089	8,000
Services	19,307	20,485	20,714
Other Charges	19,392	49,868	50,280
Total	\$634,578	\$693,534	\$693,303

Fleet Services Fuel (574203)

Salaries & Wages	\$0	\$0	\$0
Employee Benefits	0	0	0
Capital Credit & Labor To/From Others	0	0	0
Total Personnel Costs	0	0	0
Supplies	(176)	0	0
Services	22	0	2,200
Other Charges	(1,359)	0	0
Total	(\$1,513)	\$0	\$2,200

Fleet Services Motor Pool (574205)

Salaries & Wages	\$0	\$0	\$0
Employee Benefits	0	0	0
Capital Credit & Labor To/From Others	0	0	0
Total Personnel Costs	0	0	0
Supplies	(8,504)	500	50,500
Services	378,023	321,711	237,776
Other Charges	23,111	33,750	50,100
Total	\$392,630	\$355,961	\$338,376

Total for Division	\$8,715,924	\$11,342,076	\$9,598,758
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FLEET SERVICES Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
02990	Vehicle Parts Asst	1.00	1.00	1.00	\$96,497	\$94,179	\$95,300
0299A	Vehicle Parts Asst +3%	1.00	1.00	1.00	101,955	101,653	104,556
03340	Fleet Services Parts Tech	1.00	1.00	1.00	106,718	107,331	110,441
05040	Financial Assistant	1.00	1.00	1.00	94,908	94,003	96,654
07380	Office Administrator	1.00	1.00	1.00	113,303	114,123	117,453
11090	Management Analyst I	-	1.00	1.00	0	84,790	87,105
50040	Craft Helper	1.00	1.00	1.00	86,032	85,993	86,804
52480	Power Supervisor I	1.00	1.00	1.00	142,413	144,254	148,596
52510	Power Supervisor II	1.00	1.00	1.00	166,720	175,748	181,042
53300	Veh & Equip Shop Att	4.00	4.00	4.00	388,836	369,776	380,132
53320	Equipment Mechanic, Heavy	15.00	15.00	15.00	1,685,677	1,675,791	1,728,098
53340	Veh & Equip Shop Supv	2.00	2.00	2.00	271,010	266,827	274,778

FTE Total Fleet Services	29.00	30.00	30.00	\$3,254,069	\$3,314,468	\$3,410,959
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FLEET SERVICES	2017-18	2019-20
Capital Outlay	Biennium Budget	Biennium Budget

Administration

Pool Vehicle Reservation System Expansion	\$0	\$40,000
Administration Total	\$0	\$40,000

Shop

Hydration Filter Cart System (Shop Tool)	\$25,000	\$0
Noregon Engine Diagnostic System (Shop Tool)	35,000	0
Shop Total	\$60,000	\$0

Vehicles

Tacoma Power	\$9,359,000	\$13,801,500
Tacoma Water	3,141,000	2,450,000
Tacoma Rail	327,000	215,000
Service Divisions	531,000	274,000
Vehicles Total	\$13,358,000	\$16,740,500

Total Capital Outlay	\$13,418,000	\$16,780,500
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SELF-INSURANCE CLAIM FUND	2015-16	2017-18	2019-20
Recapitulation of Biennial Budget	Biennium Actual	Biennium Budget	Biennium Budget

REVENUE

Sources of Revenue

Transfers - Tacoma Power	\$1,800,000	\$1,400,000	\$2,000,000
Transfers - Tacoma Water	480,000	480,000	480,000
Transfers - Tacoma Rail	200,000	200,000	1,200,000
Interest	125,073	120,000	150,000
Appropriation from Fund Balance	0	1,562,254	2,882,450

Total Revenue & Available Funds	\$2,605,073	\$3,762,254	\$6,712,450
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EXPENDITURES

Secondary Labor Costs	\$6,013	\$0	\$0
Supplies	2,293	2,500	1,700
Services	351,874	1,500,000	1,506,500
Other Charges	522,399	2,003,100	5,012,250
Assessments	249,860	256,654	192,000

Total Expenditures	\$1,132,439	\$3,762,254	\$6,712,450
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FAMILY NEED FUND	2015-16	2017-18	2019-20
Recapitulation of Biennial Budget	Biennium Actual	Biennium Budget	Biennium Budget

RECEIPTS

Public Contributions	\$43,110	\$0	\$0
Tacoma Power Contribution	960,000	200,000	1,000,000
Interest	24,641	0	0
Appropriation from Fund Balance	0	1,800,000	1,500,000

Total Receipts	\$1,027,751	\$2,000,000	\$2,500,000
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EXPENDITURES

Family Need	\$717,335	\$2,000,000	\$2,500,000
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Total Expenditures	\$717,335	\$2,000,000	\$2,500,000
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Tacoma Water has their own program outside of this fund.

Additional Administrative expenses are paid by Tacoma Power and are included in Power's budget.

TPU ADMINISTRATION	2015-16	2017-18	2019-20
Section Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Operation & Maintenance by Category

Salaries & Wages	\$6,973,039	\$8,787,916	\$10,356,363
Employee Benefits	2,554,596	3,197,102	3,540,857
Capital Credit & Labor To/From Others	(1,128)	(195,000)	(210,050)
Total Personnel Costs	9,526,507	11,790,018	13,687,170
Supplies	324,541	348,434	391,530
Services	1,633,172	2,900,352	2,571,767
Other Charges	1,527,281	1,969,443	2,158,353
Assessments	491,440	657,989	725,376

Total for TPU Administration	\$13,502,941	\$17,666,236	\$19,534,196
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Director & Board (575100)

Salaries & Wages	\$964,332	\$1,070,149	\$1,166,200
Employee Benefits	296,710	339,126	296,604
Capital Credit & Labor To/From Others	29,016	35,000	40,000
Total Personnel Costs	1,290,058	1,444,275	1,502,804
Supplies	78,657	87,186	72,585
Services	316,537	503,000	354,000
Other Charges	402,506	621,686	581,149
Assessments	69,243	86,658	70,677
Total	\$2,157,000	\$2,742,805	\$2,581,215

Management Services Office (575200)

Salaries & Wages	\$1,775,862	\$2,094,841	\$2,210,036
Employee Benefits	659,822	785,958	773,326
Capital Credit & Labor To/From Others	182	0	12,000
Total Personnel Costs	2,435,866	2,880,799	2,995,362
Supplies	45,612	42,580	42,451
Services	72,093	197,500	144,000
Other Charges	148,807	184,346	184,102
Assessments	116,929	171,327	164,713
Total	\$2,819,307	\$3,476,552	\$3,530,629

TPU ADMINISTRATION	2015-16	2017-18	2019-20
Section Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

Public Records Office (575201)

Salaries & Wages			\$672,870
Employee Benefits			262,369
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	935,239
Supplies			83,281
Services			81,200
Other Charges			121,048
Assessments			0
Total	\$0	\$0	\$1,220,768

Public Affairs (575701)

Salaries & Wages	\$1,060,487	\$1,835,502	\$2,025,678
Employee Benefits	327,129	575,118	695,234
Capital Credit & Labor To/From Others	7,725	0	0
Total Personnel Costs	1,395,340	2,410,621	2,720,912
Supplies	18,108	39,351	69,401
Services	415,335	586,500	531,650
Other Charges	151,043	204,129	247,809
Assessments	47,728	75,415	130,390
Total	\$2,027,555	\$3,316,015	\$3,700,162

Market Development (572000)

Salaries & Wages	\$760,835	\$1,748,133	\$1,485,110
Employee Benefits	247,283	594,610	485,549
Capital Credit & Labor To/From Others	(1,230)	0	0
Total Personnel Costs	1,006,888	2,342,743	1,970,659
Supplies	13,795	19,594	29,576
Services	221,095	851,000	426,000
Other Charges	101,490	211,559	183,257
Assessments	33,750	79,389	88,529
Total	\$1,377,018	\$3,504,285	\$2,698,021

TPU ADMINISTRATION	2015-16	2017-18	2019-20
Section Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

Account Executives (572100)

Salaries & Wages	\$483,887	\$601,470	\$676,267
Employee Benefits	188,418	233,382	239,806
Capital Credit & Labor To/From Others	3,361	0	0
Total Personnel Costs	675,666	834,852	916,072
Supplies	12,215	11,829	13,485
Services	36,812	98,408	48,973
Other Charges	45,957	48,170	45,357
Assessments	45,112	53,022	44,368
Total	\$815,764	\$1,046,280	\$1,068,255

Communications (575700)

Salaries & Wages	\$1,927,636	\$1,437,821	\$2,120,201
Employee Benefits	835,235	668,908	787,968
Capital Credit & Labor To/From Others	(40,182)	(230,000)	(262,050)
Total Personnel Costs	2,722,688	1,876,729	2,646,120
Supplies	156,154	147,894	80,751
Services	571,301	663,944	985,944
Other Charges	677,477	699,553	795,631
Assessments	178,678	192,178	226,700
Total	\$4,306,298	\$3,580,298	\$4,735,146

Total for TPU Administration	\$13,502,941	\$17,666,236	\$19,534,196
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PERSONNEL - Budgeted FTEs	33.75 / 33.75	38.0 / 38.0	45.0 / 45.0
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TPU ADMINISTRATION Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title					
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DIRECTOR & BOARD

08200	Utilities Director Exec Asst	1.00	2.00	2.00	\$143,659	\$262,986	\$270,824
08220	Utility Director	1.00	1.00	1.00	556,608	430,050	454,640

FTE Total		2.00	3.00	3.00	\$700,267	\$693,036	\$725,465
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MANAGEMENT SERVICES OFFICE

05220	Financial Manager, Senior	1.00	1.00	1.00	\$175,388	\$178,393	\$183,793
07390	Office Manager	-	1.00	1.00	0	104,213	107,203
07400	Records Management Supv	1.00	1.00	1.00	121,699	122,842	126,449
08190	Deputy Utilities Director	1.00	1.00	1.00	287,346	277,066	285,807
11090	Management Analyst I	1.00	-	-	103,156	0	0
11200	Management Analyst II	1.00	2.00	2.00	124,218	203,596	209,406
11350	Management Analyst III	2.00	3.00	3.00	270,946	443,146	462,938
11370	Risk Analyst, Senior	1.00	1.00	1.00	121,826	122,964	126,575
11860	Mgmt & Budget Int Consultant	2.00	-	-	245,542	0	0

FTE Total		10.00	10.00	10.00	\$1,450,121	\$1,452,220	\$1,502,171
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PUBLIC RECORDS OFFICE

11400	Public Disclosure Specialist	-	1.00	1.00	\$0	\$82,026	\$84,255
11410	Public Disclosure Analyst	-	2.00	2.00	0	208,580	218,800
11420	Public Disclosure Manager	-	1.00	1.00	0	132,210	142,155

FTE Total		-	4.00	4.00	\$0	\$422,815	\$445,210
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PUBLIC AFFAIRS

01460	Business Development Mgr	1.00	-	-	\$176,524	\$0	\$0
05040	Financial Assistant	-	0.34	0.34	0	30,853	31,965
07240	Government Relations Officer	1.00	1.00	1.00	213,551	216,354	224,623
07260	Government Relations Analyst	2.00	4.00	4.00	321,020	643,289	688,610
07390	Office Manager	0.40	0.34	0.34	50,893	42,848	44,117
08190	Deputy Utilities Director	1.00	1.00	1.00	287,346	221,875	228,746
12100	Community Relations Officer	1.00	1.00	1.00	135,786	111,136	114,352
46050	Department Aide	-	1.00	1.00	0	59,240	60,709

FTE Total		6.40	8.68	8.68	\$1,185,120	\$1,325,596	\$1,393,122
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TPU ADMINISTRATION Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title					
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MARKET DEVELOPMENT

01460	Business Development Manager	-	1.00	1.00	\$0	\$179,573	\$185,002
02200	Graphic Arts Specialist	1.00	-	-	98,160	0	0
02220	Graphic Arts Spec, Lead	1.00	-	-	108,386	0	0
05040	Financial Assistant	-	0.33	0.33	0	30,853	31,965
07390	Office Manager	0.40	0.33	0.33	50,893	42,848	44,117
08400	Marketing & Development Mgr	2.00	1.00	1.00	383,406	216,491	223,179
08410	Market Dev Program Mgr	1.00	1.00	1.00	185,308	189,535	195,309
08420	Market Dev Research Analyst	1.00	2.00	2.00	166,902	310,572	320,010
55080	Media Specialist	2.00	-	-	236,619	0	0

FTE Total		8.40	5.66	5.66	\$1,229,675	\$969,872	\$999,582
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ACCOUNT EXECUTIVES

06180	Account Executive, Senior	3.00	3.00	3.00	\$415,801	\$448,684	\$466,036
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FTE Total		3.00	3.00	3.00	\$415,801	\$448,684	\$466,036
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COMMUNICATIONS

02200	Graphic Arts Specialist	-	1.00	1.00	\$0	\$96,673	\$99,405
02220	Graphic Arts Specialist, Lead	-	1.00	1.00	0	107,155	110,230
05040	Financial Assistant	1.00	0.33	0.33	93,488	30,853	31,965
07390	Office Manager	0.20	0.33	0.33	25,447	42,848	44,117
08020	Community Relations Spec	2.00	2.00	2.00	225,880	251,203	258,651
08050	Community/Media Svcs Mgr	1.00	2.00	2.00	196,016	399,464	411,706
12110	Community Relations Officer	1.00	1.00	1.00	135,786	123,496	132,686
46050	Department Aide	1.00	-	-	60,213	0	0
55080	Media Specialist	2.00	3.00	3.00	261,202	370,938	381,852

FTE Total		8.20	10.66	10.66	\$998,031	\$1,422,629	\$1,470,614
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FTE Total TPU Administration		38.00	45.00	45.00	\$5,979,014	\$6,734,854	\$7,002,200
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TPU SUPPORT SERVICES	2015-16	2017-18	2019-20
Section Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Operation & Maintenance by Category

TPU Safety (575800)

Salaries & Wages			\$354,144
Employee Benefits			141,052
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	495,196
Supplies			17,390
Services			500,000
Other Charges			16,000
Assessments			22,587
Total for TPU Safety	\$0	\$0	\$1,051,173

PERSONNEL - Budgeted FTEs	0.0 / 0.0	0.0 / 0.0	2.0 / 2.0
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TPU Real Property Services (576800)

Salaries & Wages	\$132,826	\$1,254,010	\$1,342,690
Employee Benefits	67,041	534,527	514,320
Capital Credit & Labor To/From Others	1,459,904	0	0
Total Personnel Costs	1,659,771	1,788,537	1,857,010
Supplies	17,156	22,901	30,889
Services	3,490	15,000	19,400
Other Charges	154,864	170,845	164,549
Assessments	55,097	78,711	114,432
Total for TPU Real Property Services	\$1,890,379	\$2,075,994	\$2,186,280

PERSONNEL - Budgeted FTEs	7.12 / 7.12	7.12 / 7.12	7.25 / 7.25
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TPU UTS Software & Desktop Support (579800)

Salaries & Wages	\$990,445	\$1,255,249	\$1,456,677
Employee Benefits	377,217	418,924	521,614
Capital Credit & Labor To/From Others	(230,143)	(106,200)	(282,219)
Total Personnel Costs	1,137,518	1,567,973	1,696,072
Supplies	227,700	29,665	32,772
Services	500,042	710,620	255,000
Other Charges	347,960	525,712	518,098
Assessments	171,157	0	0
Total for TPU UTS Software & Desktop Support	\$2,384,377	\$2,833,970	\$2,501,942

PERSONNEL - Budgeted FTEs	8.0 / 8.0	5.0 / 5.0	7.0 / 7.0
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TPU SUPPORT SERVICES	2015-16	2017-18	2019-20
Section Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Operation & Maintenance by Category

Copier Services (577400)

Salaries & Wages	\$25,187	\$0	\$0
Employee Benefits	16,557	0	0
Capital Credit & Labor To/From Others	(184)	60,000	60,000
Total Personnel Costs	41,560	60,000	60,000
Supplies	95,462	95,000	96,747
Services	209,279	276,000	288,000
Other Charges	550,024	462,770	442,770
Assessments	1,651	0	0
Total for Copier Services	\$897,977	\$893,770	\$887,517

PERSONNEL - Budgeted FTEs	0.25 / 0.25	0.0 / 0.0	0.0 / 0.0
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TPU IT Dedicated Resources (575900)

Salaries & Wages	\$1,720,945	\$2,063,560	
Employee Benefits	647,963	826,506	
Capital Credit & Labor To/From Others	0	0	
Total Personnel Costs	2,368,908	2,890,066	0
Supplies	16,674	16,809	
Services	0	0	
Other Charges	0	0	
Assessments	107,847	218,721	
Total for TPU IT Dedicated Resources	\$2,493,429	\$3,125,597	\$0

PERSONNEL - Budgeted FTEs	9.0 / 9.0	11.0 / 11.0	0.0 / 0.0
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TPU SUPPORT SERVICES Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title
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TPU SAFETY

11200 Management Analyst II	-	1.00	1.00	\$0	\$101,798	\$104,703
12070 Utilities Safety Manager	-	1.00	1.00	0	141,864	146,123

FTE Total	-	2.00	2.00	\$0	\$243,663	\$250,826
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TPU REAL PROPERTY SERVICES

00060 Office Assistant	1.00	1.00	1.00	\$82,487	\$81,265	\$83,495
04010 Real Estate Specialist, Sr	3.00	3.00	3.00	373,875	371,525	382,451
20540 Public Works Division Mgr	0.02	0.10	0.10	4,080	20,793	21,435
20550 Public Works Div Mgr Asst	0.10	0.15	0.15	18,796	28,696	29,575
23430 Real Estate Officer	2.00	2.00	2.00	278,028	281,306	289,819
23440 Real Estate Officer, Senior	1.00	1.00	1.00	150,979	129,473	134,512

FTE Total	7.12	7.25	7.25	\$908,245	\$913,059	\$941,288
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TPU IT DEDICATED RESOURCES

01410 Business Analyst I	1.00	-	-	\$79,324	\$0	\$0
01420 Business Analyst II	3.00	-	-	369,891	0	0
01430 Business Analyst III	4.00	-	-	548,268	0	0
01510 IT Analyst, Senior	1.00	-	-	151,980	0	0
01520 IT Analyst, Senior Tech	2.00	-	-	320,308	0	0

FTE Total	11.00	-	-	\$1,469,770	\$0	\$0
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TPU UTS SOFTWARE & DESKTOP SUPPORT

01510 IT Analyst, Senior	-	3.00	3.00	\$0	\$353,032	\$363,377
01520 IT Analyst, Senior Tech	4.00	3.00	3.00	645,972	482,111	496,856
11200 Management Analyst II	-	1.00	1.00	0	101,798	104,703
11350 Management Analyst III	1.00	-	-	143,291	0	0

FTE Total	5.00	7.00	7.00	\$789,264	\$936,942	\$964,936
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FTE Total TPU Support Services	23.12	16.25	16.25	\$3,167,279	\$2,093,663	\$2,157,049
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CUSTOMER SERVICES	2015-16	2017-18	2019-20
Division Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Operation & Maintenance by Category

Salaries & Wages	\$19,618,550	\$20,917,991	\$23,538,872
Employee Benefits	8,992,992	9,549,165	9,981,044
Capital Credit & Labor To/From Others	(422,332)	(530,900)	(696,101)
Total Personnel Costs	28,189,210	29,936,256	32,823,815
Supplies	829,031	1,019,565	1,099,847
Services	1,633,343	1,779,767	2,353,154
Other Charges	3,436,010	3,862,015	4,958,880
Assessments	3,381,602	3,829,165	4,302,389
Total Operation & Maintenance	37,469,196	40,426,768	45,538,085
Capital Outlay	2,465,548	2,835,000	584,420

Total for Customer Services	\$39,934,744	\$43,261,768	\$46,122,505
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SUMMARY - Operation & Maintenance by Cost Center

Customer Services Administration

579500 TPU CS Support Services	\$1,111,735	\$1,116,626	\$1,192,665
579600 TPU CS Switchboard	151,095	187,764	159,493
579700 TPU CS Administration	5,855,060	4,680,372	5,692,970

Customer Services Performance Solutions

578800 TPU CS Performance Solutions	0	1,963,214	2,866,501
577100 TPU CS Training	529,488	952,603	1,133,184

Customer Services Operations

578900 TPU CS Operations Admin	1,085,567	1,405,904	1,337,183
579100 TPU CS Mail Svcs	2,949,640	3,302,409	3,628,121
579200 TPU CS Field Investigation	4,107,027	4,259,012	4,135,498
579300 TPU TMB Mail Services	557,803	636,691	657,922
579400 TPU CS Meter Reading	3,731,524	3,570,666	3,883,741

Customer Services Business Office

572400 TPU CS PayGo	524,111	549,455	580,165
572500 TPU CS Customer Solutions	834,526	937,266	2,194,876
577200 TPU CS Phones	6,550,817	6,926,795	7,353,134
578100 TPU CS Lobby Svcs	1,997,549	1,988,804	2,299,093
578500 TPU CS Back Office	3,302,018	3,741,341	4,463,426
579000 TPU CS Business Solutions	1,309,111	1,181,935	1,226,458
579900 TPU CS Bus Office Admin	2,872,124	3,025,911	2,733,655

Total Operation & Maintenance	37,469,196	40,426,768	45,538,085
Capital Outlay	2,465,548	2,835,000	584,420

Total for Customer Services	\$39,934,744	\$43,261,768	\$46,122,505
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PERSONNEL - Budgeted FTEs	146.0 / 146.0	147.0 / 147.0	155.9 / 155.9
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CUSTOMER SERVICES	2015-16	2017-18	2019-20
Division Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

Support Services (579500)

Salaries & Wages	\$663,607	\$652,005	\$708,113
Employee Benefits	324,558	316,089	309,797
Capital Credit & Labor To/From Others	(6,984)	0	0
Total Personnel Costs	981,182	968,094	1,017,910
Supplies	50,108	57,805	66,076
Services	2,963	5,000	1,400
Other Charges	77,483	85,727	107,279
Total	\$1,111,735	\$1,116,626	\$1,192,665

Switchboard (579600)

Salaries & Wages	\$88,388	\$86,987	\$99,264
Employee Benefits	50,357	54,884	54,534
Capital Credit & Labor To/From Others	6,984	0	0
Total Personnel Costs	145,729	141,871	153,798
Supplies	1,716	1,493	1,695
Services	0	0	0
Other Charges	3,650	44,400	4,000
Total	\$151,095	\$187,764	\$159,493

Administration (579700)

Salaries & Wages	\$1,482,869	\$596,185	\$598,305
Employee Benefits	549,852	177,712	176,413
Capital Credit & Labor To/From Others	(74,234)	0	0
Total Personnel Costs	1,958,487	773,897	774,718
Supplies	77,832	57,134	41,180
Services	670,779	326,952	413,055
Other Charges	420,928	263,043	688,033
Assessments	2,727,034	3,259,346	3,775,984
Total	\$5,855,060	\$4,680,372	\$5,692,970

CUSTOMER SERVICES	2015-16	2017-18	2019-20
Division Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

Performance Solutions (578800)

Salaries & Wages		\$1,344,064	\$1,624,088
Employee Benefits		524,805	593,686
Capital Credit & Labor To/From Others		(327,250)	(327,250)
Total Personnel Costs	0	1,541,619	1,890,524
Supplies		149,051	137,961
Services		133,000	481,040
Other Charges		139,544	356,976
Total	\$0	\$1,963,214	\$2,866,501

Customer Service Training (577100)

Salaries & Wages	\$286,462	\$543,040	\$674,347
Employee Benefits	127,127	219,686	273,731
Capital Credit & Labor To/From Others	0	0	0
Total Personnel Costs	413,589	762,726	948,077
Supplies	8,913	13,179	17,081
Services	801	79,000	59,600
Other Charges	106,185	97,698	108,426
Total	\$529,488	\$952,603	\$1,133,184

Operations Admin (578900)

Salaries & Wages	\$320,829	\$627,316	\$590,789
Employee Benefits	87,803	176,613	181,510
Capital Credit & Labor To/From Others	0	0	0
Total Personnel Costs	408,632	803,929	772,299
Supplies	3,619	6,176	8,220
Services	0	300	0
Other Charges	18,749	25,680	30,258
Assessments	654,568	569,819	526,405
Total	\$1,085,567	\$1,405,904	\$1,337,183

CUSTOMER SERVICES	2015-16	2017-18	2019-20
Division Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

Mail Services (579100)

Salaries & Wages	\$709,482	\$724,326	\$775,598
Employee Benefits	368,081	376,783	363,537
Capital Credit & Labor To/From Others	(15,488)	0	0
Total Personnel Costs	1,062,076	1,101,109	1,139,135
Supplies	204,237	295,128	349,604
Services	69,940	72,655	104,493
Other Charges	1,613,388	1,833,517	2,034,889
Total	\$2,949,640	\$3,302,409	\$3,628,121

Field Investigation (579200)

Salaries & Wages	\$2,486,132	\$2,598,502	\$2,731,276
Employee Benefits	1,162,652	1,251,587	1,189,572
Capital Credit & Labor To/From Others	22,204	(100,000)	(193,851)
Total Personnel Costs	3,670,988	3,750,089	3,726,998
Supplies	88,097	83,289	84,635
Services	292,670	367,289	254,088
Other Charges	55,273	58,345	69,777
Total	\$4,107,027	\$4,259,012	\$4,135,498

Mail Services to General Government (579300)

Salaries & Wages	\$293,277	\$311,248	\$338,038
Employee Benefits	173,577	178,633	171,357
Capital Credit & Labor To/From Others	165	0	0
Total Personnel Costs	467,019	489,881	509,395
Supplies	38,164	76,160	85,244
Services	8,878	23,435	12,392
Other Charges	43,742	47,215	50,891
Total	\$557,803	\$636,691	\$657,922

CUSTOMER SERVICES	2015-16	2017-18	2019-20
Division Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

Meter Reading (579400)

Salaries & Wages	\$2,248,837	\$2,063,971	\$2,510,240
Employee Benefits	1,162,148	1,110,844	1,172,857
Capital Credit & Labor To/From Others	3,318	0	(175,000)
Total Personnel Costs	3,414,304	3,174,815	3,508,097
Supplies	42,876	38,436	54,331
Services	181,662	259,508	221,786
Other Charges	92,683	97,907	99,527
Total	\$3,731,524	\$3,570,666	\$3,883,741

PayGo (572400)

Salaries & Wages	\$292,202	\$278,421	\$315,998
Employee Benefits	128,601	130,487	129,008
Capital Credit & Labor To/From Others	72,237	104,025	100,000
Total Personnel Costs	493,041	512,933	545,006
Supplies	3,415	4,386	5,890
Services	0	1,250	1,000
Other Charges	27,655	30,886	28,269
Total	\$524,111	\$549,455	\$580,165

Customer Solutions (572500)

Salaries & Wages	\$563,795	\$650,781	\$1,430,189
Employee Benefits	249,917	296,769	577,607
Capital Credit & Labor To/From Others	(36,139)	(103,650)	0
Total Personnel Costs	777,573	843,900	2,007,797
Supplies	17,399	19,680	30,210
Services	6,917	30,000	55,000
Other Charges	32,637	43,686	101,869
Total	\$834,526	\$937,266	\$2,194,876

CUSTOMER SERVICES	2015-16	2017-18	2019-20
Division Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

Phone Services (577200)

Salaries & Wages	\$4,187,856	\$4,288,887	\$4,375,746
Employee Benefits	1,981,739	2,111,548	2,045,507
Capital Credit & Labor To/From Others	(45,027)	0	0
Total Personnel Costs	6,124,567	6,400,435	6,421,253
Supplies	78,153	65,571	76,055
Services	9,992	19,378	360,400
Other Charges	338,105	441,411	495,426
Total	\$6,550,817	\$6,926,795	\$7,353,134

Lobby Services (578100)

Salaries & Wages	\$1,194,050	\$1,208,763	\$1,386,256
Employee Benefits	562,239	528,808	580,012
Capital Credit & Labor To/From Others	(126,239)	0	0
Total Personnel Costs	1,630,050	1,737,571	1,966,268
Supplies	30,914	26,044	35,861
Services	77,101	17,000	20,600
Other Charges	259,484	208,189	276,364
Total	\$1,997,549	\$1,988,804	\$2,299,093

Back Office/Processing Services (578500)

Salaries & Wages	\$2,202,728	\$2,432,743	\$2,971,673
Employee Benefits	999,337	1,082,351	1,239,794
Capital Credit & Labor To/From Others	(186,926)	(104,025)	(100,000)
Total Personnel Costs	3,015,139	3,411,069	4,111,467
Supplies	27,091	30,481	39,662
Services	69	2,000	4,400
Other Charges	259,719	297,791	307,897
Total	\$3,302,018	\$3,741,341	\$4,463,426

CUSTOMER SERVICES	2015-16	2017-18	2019-20
Division Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

Business Solutions (579000)

Salaries & Wages	\$822,424	\$758,300	\$785,248
Employee Benefits	379,462	330,444	325,590
Capital Credit & Labor To/From Others	(29,566)	0	0
Total Personnel Costs	1,172,320	1,088,744	1,110,838
Supplies	74,964	11,415	15,421
Services	483	2,500	14,000
Other Charges	61,344	79,276	86,199
Total	\$1,309,111	\$1,181,935	\$1,226,458

Business Office Administration (579900)

Salaries & Wages	\$1,775,612	\$1,752,452	\$1,623,704
Employee Benefits	685,542	681,122	596,530
Capital Credit & Labor To/From Others	(6,638)	0	0
Total Personnel Costs	2,454,516	2,433,574	2,220,234
Supplies	81,532	84,137	50,721
Services	311,090	440,500	349,900
Other Charges	24,986	67,700	112,800
Total	\$2,872,124	\$3,025,911	\$2,733,655

Total for Division	\$37,469,196	\$40,426,768	\$45,538,085
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PERSONNEL - Budgeted FTEs	146.0 / 146.0	147.0 / 147.0	155.9 / 155.9
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CUSTOMER SERVICES Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2018	2019	2020	2018	2019	2020

Code	Classification Title						
00060	Office Assistant	4.00	4.50	4.50	\$320,190	\$342,787	\$360,898
00120	Mail & Stock Proc, Sr	3.00	3.00	3.00	263,195	262,374	270,287
00180	Mail & Stock Processor	5.00	5.00	5.00	400,537	400,011	412,126
00410	Customer Accts Supv	5.00	5.00	5.00	668,986	646,659	661,658
05040	Financial Assistant	2.00	2.00	2.00	183,011	184,752	189,931
05330	Operations Manager	1.00	1.00	1.00	166,115	173,755	180,683
05540	Customer Serv Training Analyst	-	3.00	3.00	0	313,964	323,015
06010	Meter Reader	16.00	1.00	1.00	1,419,071	89,225	91,706
06012	Meter Reader, Lead +10%	1.00	1.00	1.00	98,645	98,710	101,531
06020	Util Field Investigator	15.00	15.00	15.00	1,520,803	1,486,697	1,493,828
06022	Util Field Investigator, Lead +10%	1.00	1.00	1.00	108,709	106,380	106,778
06080	Customer Serv Rep, Lead	10.00	11.00	11.00	1,125,709	1,235,970	1,273,811
0608A	Customer Serv Rep, Lead + 5%	1.00	-	-	118,107	0	0
06100	Customer Service Supv II	4.00	4.00	4.00	525,196	554,551	575,470
06110	Customer Service Rep	30.50	31.40	31.40	2,720,166	2,712,678	2,823,683
06120	Customer Serv Rep, Tech	33.50	36.00	36.00	3,466,950	3,744,769	3,869,362
06160	Customer Services Mgr	1.00	1.00	1.00	257,920	264,572	272,886
07270	Customer Service Asst Mgr	3.00	4.00	4.00	594,168	775,163	806,627
07390	Office Manager	1.00	1.00	1.00	126,255	112,776	118,579
11150	Human Resource Analyst	2.00	-	-	237,609	0	0
11200	Management Analyst II	3.00	5.00	5.00	310,246	577,668	604,511
11350	Management Analyst III	4.00	3.00	3.00	594,861	449,786	467,658

Sub-Total	146.00	137.90	137.90	\$15,226,449	\$14,533,250	\$15,005,026
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Project Employees:

06010	Meter Reader	-	14.00	14.00	\$0	\$1,228,143	\$1,264,654
06020	Util Field Investigator	1.00	1.00	1.00	99,069	96,745	97,106
11090	Management Analyst I	-	2.00	2.00	0	169,236	173,865

Sub-Total	1.00	17.00	17.00	\$99,069	\$1,494,123	\$1,535,625
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Temporary Employees:

06010	Meter Reader	-	1.00	1.00	\$0	\$75,242	\$77,253
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Sub-Total	-	1.00	1.00	\$0	\$75,242	\$77,253
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FTE Total Customer Services	147.00	155.90	155.90	\$15,325,518	\$16,102,615	\$16,617,905
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