



Power
Water
Rail

2021-2022

Biennial Budget



Tacoma Public Utilities

Public Utility Board

Bryan Flint, Chair

Mark Patterson, Vice-Chair

Christine Cooley, Secretary

Carlos Watson, Member

Joe Bushnell, 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

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**City of Tacoma, Washington
Department of Public Utilities
2021-2022 Biennium Budget**

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**City of Tacoma, Washington
Department of Public Utilities
2021-2022 Biennium Budget**

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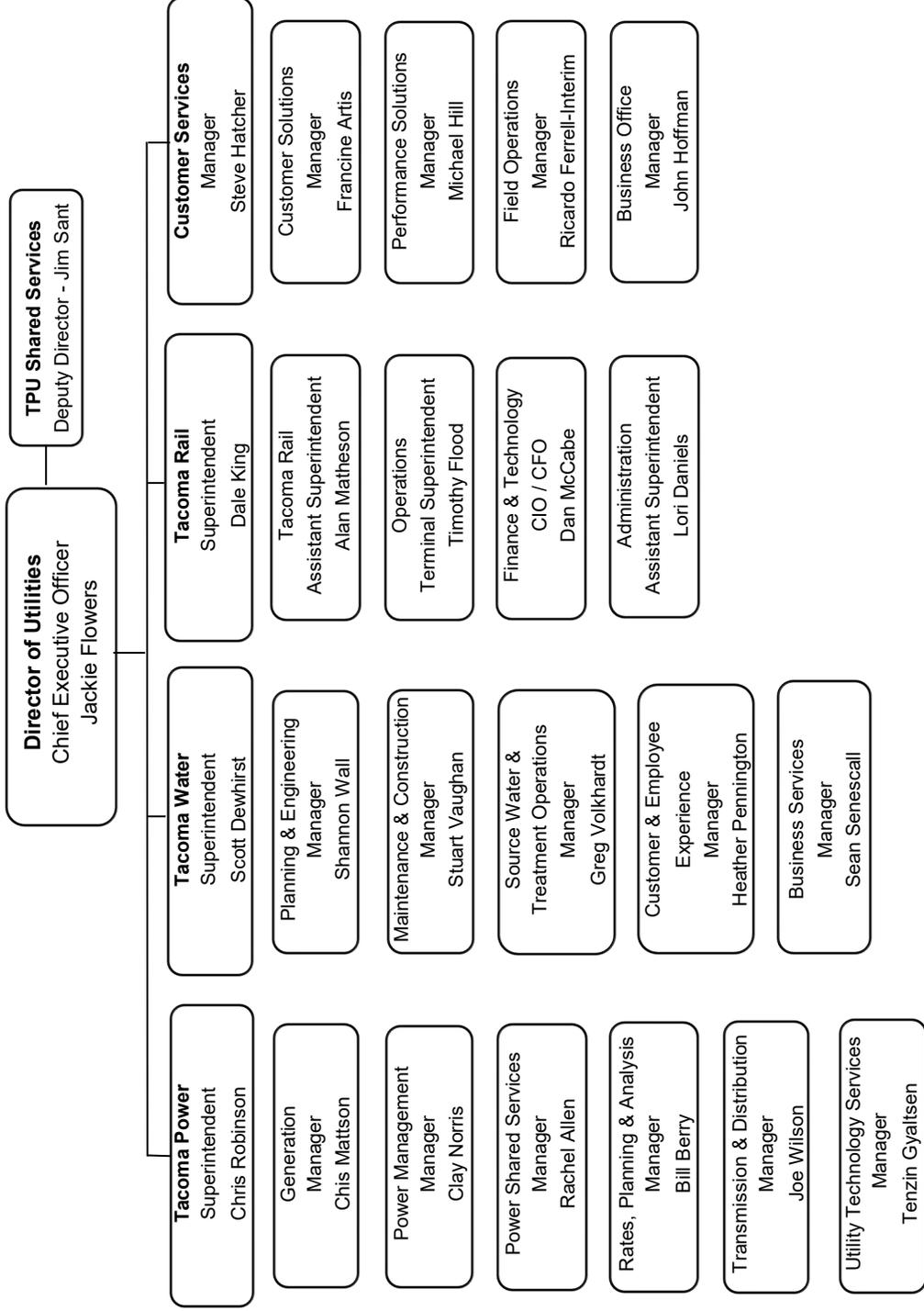
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CITY OF TACOMA - DEPARTMENT OF PUBLIC UTILITIES

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**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 Department, 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 Divisions' budget.

The following is a summary of the appropriations by fund.

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	23,024,900	7,016,314	1,640,486	9,700,000	75,366,006
Operating Funds	277,349,689	590,414,550	146,260,932	113,979,774	134,483,569	1,262,488,514
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	\$602,458,263	\$146,260,932	\$113,979,774	\$151,264,069	\$1,298,080,222

2021-2022 BUDGET

	Personnel Costs	Supplies, Services & Other Charges	Taxes	Debt Service	Capital Outlay	2021-2022 Total
Tacoma Power Division	\$206,541,211	\$487,738,278	\$112,391,296	\$65,845,389	\$60,237,000	\$932,753,175
Tacoma Water Division	62,124,823	61,418,580	28,177,391	50,597,584	79,331,221	281,649,598
Tacoma Rail Division	37,305,788	24,638,372	7,639,000	1,768,498	6,980,000	78,331,658
Operating Funds	305,971,822	573,795,230	148,207,687	118,211,471	146,548,221	1,292,734,431
Fleet Services Fund	7,974,817	3,034,130	0	0	592,774	11,601,721
Family Need Fund	0	2,500,000	0	0	0	2,500,000
Self-Insurance Fund	0	5,716,200	0	0	0	5,716,200
Other Funds	7,974,817	11,250,330	0	0	592,774	19,817,921
Total TPU 2021-2022	\$313,946,639	\$585,045,560	\$148,207,687	\$118,211,471	\$147,140,995	\$1,312,552,351

Prior years may have been reclassified or restated to reflect organizational changes.

Job Classifications and Salary Information:

Visit www.governmentjobs.com/careers/tacoma/classspecs for current job classification specs with salary data.

**CITY OF TACOMA
DEPARTMENT OF PUBLIC UTILITIES**

COMPARATIVE BUDGET

Fund	Biennial Budget 2019-2020	Biennial Budget 2021-2022	\$ Increase or Decrease	% Increase or Decrease	% 2021-2022 Total Dept.
Tacoma Power	\$958,830,967	\$932,753,175	(\$26,077,792)	(2.7%)	71.1%
Tacoma Water	228,291,541	281,649,598	53,358,057	23.4%	21.6%
Tacoma Rail	75,366,006	78,331,658	2,965,652	3.9%	6.0%
Fleet Services	26,379,258	11,601,721	(14,777,537)	(56.0%)	0.9%
Family Need	2,500,000	2,500,000	0	0.0%	0.2%
Self-Insurance Claim	6,712,450	5,716,200	(996,250)	(14.8%)	0.4%
Total Department	\$1,298,080,222	\$1,312,552,351	\$14,472,129	1.1%	100.0%

DEPARTMENT OF PUBLIC UTILITIES	2017-18	2019-20	2021-22
Taxes	Biennium Actual	Biennium Budget	Biennium Budget

TAX PAYMENTS

City of Tacoma:			
Gross Earnings Tax	\$88,665,925	\$90,817,645	\$91,440,829
State of Washington:			
Utility & Business Tax	38,041,890	39,926,810	42,011,324
Other *	14,987,570	15,516,477	14,755,534

Total Taxes	\$141,695,385	\$146,260,932	\$148,207,687
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Note: State Sales Tax is included in O & M Budget line items for materials.
 FICA tax is included in O & M Budget line items for personnel costs/employee benefits.

* 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	2019-20	2021-22
General Government Expenses	Biennium Budget	Biennium Budget



City Clerk	\$225,938	\$240,213
City Council	179,837	215,847
City Manager's Office	121,393	184,264
CMO Equity	527,858	1,030,321
Environmental Services	0	4,258
Government Relations	92,119	52,656
Hearing Examiner	55,755	51,692
HUB	154,804	141,232
LEAP	162,171	130,905
TTEP	313,075	312,627
Office of Management and Budget	74,858	100,975
Continuous Improvement	387,984	501,839
Public Disclosure	515,483	595,666
Safety*	1,051,173	1,235,243
TFD Emergency Management	119,252	164,831

Total Miscellaneous General Government Expenses	3,981,700	4,962,569
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Finance	7,769,410	8,191,165
Human Resources	7,123,207	7,411,883
IT	22,247,545	21,939,474
Legal	3,048,738	3,073,785

Total TPU General Government Expenses	\$44,170,600	\$45,578,876
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*Safety was a TPU function in 19-20



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 179,000 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 Generation, Power Management, Power Shared Services, Rates, Planning and Analysis, Transmission and Distribution and Utility Technology Services.

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 conducts long-term resource planning, acquires generation and demand-side power resources, and negotiates/manages power contracts. Power Management optimizes real time 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. The Section conducts research and development into new technologies that hold promise for cost-effective beneficial electrification. Power Management also ensures compliance with Washington's Energy Independence Act, The Clean Energy Transformation Act, and the Clean Buildings Act. These Acts establish renewable and energy efficiency targets, require 100% carbon-free electric generation, and promote efficient building energy usage.

POWER SHARED SERVICES manages services that assist all of Tacoma Power including Compliance, Facilities, Safety, Environmental Compliance, Emergency Management, Communications, Strategy and Performance Management, Training and Development, and Analytics and People Management. The Reliability and Compliance group provides oversight of Tacoma Power's compliance with the North American Electric Reliability Corporation (NERC) Reliability Standards and manages Tacoma Power's Internal Compliance Program (ICP).

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

TRANSMISSION AND DISTRIBUTION (T&D) plans, designs, constructs, operates and maintains the transmission and distribution systems including substations, the underground network system, energy management systems, interchange and revenue metering facilities and all overhead and underground transmission and distribution systems. T&D provides transmission service to BPA's 10 distribution utility customers attached to Tacoma Power's transmission network. T&D provides support for telecommunication attachment partners and maintaining the outside plant of our telecommunications fiber infrastructure. Fleet maintenance and warehousing functions provide integral support to T&D's reliable power delivery objectives.

UTILITY TECHNOLOGY SERVICES (UTS) maintains owned and leased communication networks, on-premises and cloud-based operational and informational technology systems, and related equipment and infrastructure to optimize utility operations and improve reliability, security and service quality. UTS develops operational technology strategic plans and delivers key utility modernization projects. UTS also manages Tacoma Power's North American Electric Reliability Corporation Critical Infrastructure Protection (NERC CIP) compliance program.

TACOMA POWER	2017-18	2019-20	2021-22
Recapitulation of Biennial Budget	Biennium Actual	Biennium Budget	Biennium Budget

REVENUE

Operating Revenue			
Sales of Electric Energy	\$813,024,621	\$825,769,355	\$863,264,996
Anticipated Additional Revenue	0	16,541,545	13,942,506
Other Electric Revenue	36,730,445	39,743,995	49,199,161
Telecommunications Revenue	51,883,640	54,732,255	0
Total Operating Revenue	901,638,706	936,787,150	926,406,663
Other Income	16,795,177	12,864,759	13,500,794
Appropriation from Fund Balance	0	9,179,057	(7,154,282)

Total Revenue & Available Funds	\$918,433,883	\$958,830,967	\$932,753,175
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EXPENDITURES

Personnel Costs	\$181,640,627	\$185,415,658	\$206,541,211
Supplies, Services & Other Charges	447,507,544	510,242,691	487,738,278
Taxes - Current Revenue Estimate	110,603,079	112,496,480	110,814,030
Taxes - Anticipated Additional Revenue	0	1,881,336	1,577,266
Debt Service	107,318,269	59,122,802	65,845,389
Capital Outlay	57,817,049	89,672,000	60,237,000

Total Expenditures	\$904,886,569	\$958,830,967	\$932,753,175
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CAPITAL OUTLAY FINANCING DETAIL

Funded From Operating Fund		\$89,672,000	\$60,237,000
Funded From New Bonds		60,051,000	89,661,000

Total Capital Outlay		\$149,723,000	\$149,898,000
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PERSONNEL - Budgeted FTEs	857.27 / 860.02	838.28 / 838.28	798.2 / 798.2
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TACOMA POWER	2017-18	2019-20	2021-22
Revenue	Biennium Actual	Biennium Budget	Biennium Budget

REVENUE SUMMARY

Sales of Electric Energy	\$813,024,621	\$825,769,355	\$863,264,996
Anticipated Additional Revenue	0	16,541,545	13,942,506
Other Electric Revenue	36,730,445	39,743,995	49,199,161
Telecommunications Revenue	51,883,640	54,732,255	0
Total Operating Revenue	901,638,706	936,787,150	926,406,663
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Appropriation from Fund Balance	0	9,179,057	(7,154,282)

Total Revenue & Available Funds	\$918,433,883	\$958,830,967	\$932,753,175
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REVENUE DETAIL

Sales of Electric Energy

Residential	\$342,857,786	\$366,568,235	\$363,405,622
Private Off-Street Lighting	2,705,231	3,061,854	2,816,295
Small General	58,382,172	57,254,711	58,125,420
General	205,723,926	208,176,072	220,957,858
High Voltage General	40,228,631	45,607,004	51,644,499
Contract Industrial - Firm	45,773,304	47,244,762	48,910,948
New Large Load	0	0	10,456,714
Street Lighting & Traffic Signals	2,661,149	2,016,509	2,148,861
Total Retail Sales	698,332,198	729,929,147	758,466,217

Other Sales

Bulk Power Sales	112,548,945	95,840,208	104,798,779
Accrued Unbilled Revenue	2,143,478	0	0
Total Other Sales	114,692,423	95,840,208	104,798,779
Anticipated Additional Revenue	0	16,541,545	13,942,506
Total Sales of Electric Energy	813,024,621	842,310,900	877,207,502

TACOMA POWER	2017-18	2019-20	2021-22
Revenue	Biennium Actual	Biennium Budget	Biennium Budget

Other Electric Revenue

Rent from Electric Property	3,452,028	2,704,477	4,285,672
Rainier Connect IRU	0	0	6,500,000
BPA Efficiency Incentive	0	0	7,500,000
Interdepartmental Rent	4,769,877	4,924,037	4,597,966
Service Connection Fees	2,548,995	2,451,276	1,825,504
Green Power	110,010	111,948	114,575
Overhead on Work for Others	477,111	573,785	1,009,911
Late Payment Fees	1,967,436	2,517,398	2,171,369
Income from Campgrounds	3,122,716	3,008,934	3,310,662
Wheeling	20,176,383	23,374,353	17,665,990
Miscellaneous	105,889	77,787	217,512
Total Other Electric Revenue	36,730,445	39,743,995	49,199,161

Telecommunications Revenue

CATV	33,588,544	32,758,843	
Broadband	2,132,513	2,446,773	
Internet	14,674,655	18,427,102	
Miscellaneous	1,487,927	1,099,537	
Total Telecommunications	51,883,640	54,732,255	0

Other Income

Interest	5,980,616	3,645,145	3,927,064
Federal Subsidy for BABS/CREBS interest	7,511,835	7,418,000	7,458,448
Miscellaneous	3,302,725	1,801,614	2,115,282
Total Other Income	16,795,177	12,864,759	13,500,794

Other Available Funds

Appropriation from Fund Balance	0	9,179,057	(7,154,282)
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Total Revenue & Available Funds	\$918,433,883	\$958,830,967	\$932,753,175
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TACOMA POWER	2017-18	2019-20	2021-22
Division Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Operation & Maintenance by Section

Power Administration	\$143,407,678	\$135,193,579	\$177,105,216
Click!	56,662,689	54,455,682	0
Generation	79,492,153	88,868,177	87,098,266
Power Management	328,421,683	363,789,727	364,140,650
Power Shared Services	20,580,662	27,919,360	31,821,207
Rates, Planning & Analysis	7,575,216	10,053,019	10,013,531
Transmission & Distribution	80,344,119	93,495,737	97,134,898
Utility Technology Services	23,267,049	36,260,883	39,357,017

Total for Division	\$739,751,250	\$810,036,165	\$806,670,785
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SUMMARY - Operation & Maintenance by Category

Salaries & Wages	\$163,579,905	\$169,701,179	\$186,496,133
Employee Benefits	59,863,030	58,229,067	70,077,242
Capital Credit & Labor To/From Others	(41,802,308)	(42,514,588)	(50,032,164)
Total Personnel Costs	181,640,627	185,415,658	206,541,211
Supplies	282,007,970	298,920,868	295,662,996
Services	77,585,187	98,853,564	69,857,118
Other Charges	30,459,366	46,185,874	52,142,531
Assessments	57,455,022	66,282,385	70,075,633
Taxes	110,603,079	114,377,816	112,391,296

Total for Division	\$739,751,250	\$810,036,165	\$806,670,785
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TACOMA POWER Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title						
00060	Office Assistant	8.00	4.00	4.00	\$666,942	\$341,424	\$348,833
01180	Information Tech Helpdesk Specialist	2.00	4.00	4.00	180,999	387,697	398,972
01240	Computer Support Technician	6.00	6.00	6.00	627,377	644,893	663,518
01470	Data Architecture Manager	-	2.00	2.00	0	366,207	376,728
01510	IT Analyst, Senior	2.00	1.25	1.25	259,750	187,163	190,350
01520	IT Analyst, Senior Technical	1.00	3.00	3.00	124,259	417,576	430,320
01600	Integration Developer	-	1.00	1.00	0	170,020	172,886
03010	Warehouse Tech	6.00	6.00	6.00	575,469	631,787	649,146
03020	Warehouse Tech Sr.	3.00	3.00	3.00	314,969	345,531	352,219
05040	Financial Assistant	4.00	6.00	6.00	379,796	574,809	589,532
05800	Utilities Economist	-	2.00	2.00	0	283,335	287,875
05820	Utilities Econ, Sr.	2.00	6.00	6.00	371,046	1,015,556	1,038,557
06130	Utility Services Rep	11.00	10.00	10.00	1,160,347	1,137,498	1,166,286
06140	Utility Services Rep Supervisor	1.00	2.00	2.00	138,952	292,544	299,499
06170	Utility Service Specialist	5.00	4.00	4.00	728,425	649,026	669,525
06190	Conservation Manager	2.00	2.00	2.00	398,258	409,318	416,398
06200	Conservation Supervisor	4.00	3.00	3.00	652,602	506,455	514,973
06210	Account Executive	1.00	-	-	144,351	0	0
06230	Energy Services Representative	1.00	1.00	1.00	119,201	128,149	132,068
06300	Conservation Program Manager	6.00	6.00	6.00	822,696	865,494	892,283
06310	Conservation Program Associate	1.50	1.50	1.50	147,558	153,962	157,429
06320	Conservation Program Coordinator	2.00	2.00	2.00	222,757	233,400	237,907
07070	IT Project Manager	2.00	-	-	332,690	0	0
07080	IT Project Manager, Senior	2.00	3.00	3.00	357,583	552,385	561,428
07200	Project Manager	1.00	2.00	2.00	152,128	274,736	278,526
07210	Project Manager, Senior	-	1.00	1.00	0	167,997	170,075
07370	Administrative Assistant	18.00	20.00	20.00	1,653,700	1,926,409	1,988,528
07380	Office Administrator	7.00	6.00	6.00	807,182	712,310	734,043
07390	Office Manager	1.00	1.00	1.00	132,350	136,359	138,844
08020	Community Relations Spec	1.00	2.00	2.00	120,237	252,109	263,979
08150	Power Section Asst Manager I	14.00	15.25	15.25	3,330,341	3,684,057	3,805,462
08160	Power Section Manager	8.00	7.00	7.00	2,721,193	2,471,912	2,544,021
08170	Power Section Asst Manager II	15.00	14.00	14.00	3,994,996	3,896,724	3,982,404
08250	Utilities Dir Dpty Power Supt	1.00	1.00	1.00	403,658	410,011	415,814
08450	Relicensing Coordinator	1.00	1.00	1.00	172,147	177,886	180,815
11090	Management Analyst I	11.00	13.00	13.00	1,079,650	1,350,480	1,391,427
11200	Management Analyst II	23.00	21.00	21.00	2,723,464	2,622,927	2,710,521
11220	Safety Officer	1.00	1.00	1.00	123,034	136,639	144,979
11350	Management Analyst III	20.00	24.00	24.00	2,963,633	3,738,799	3,866,382
12110	Community Relations Officer	1.00	1.00	1.00	134,686	143,597	148,167
20020	Survey Technician III	-	1.00	1.00	0	114,457	117,360
20030	Chief Of Party	2.00	1.00	1.00	227,261	134,064	137,342
20040	Engr Technician IV	10.00	10.00	10.00	1,300,522	1,325,695	1,361,434
20050	Chief Surveyor, Asst	1.00	1.00	1.00	133,410	117,596	120,562
20060	Chief Surveyor	1.00	1.00	1.00	161,972	169,790	173,725

TACOMA POWER Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title						
20100	Engr Technician I	5.00	-	-	470,483	0	0
20110	Engr Technician II	11.00	13.00	13.00	1,187,748	1,484,111	1,529,190
20120	Engr Technician III	10.00	11.00	11.00	1,197,201	1,394,965	1,430,374
20460	Engr Const Coord	2.00	3.00	3.00	281,055	445,120	461,900
20690	Real-Time Energy Trader	6.00	6.00	6.00	1,160,188	1,124,271	1,150,662
20720	Term Energy Trader	1.00	1.00	1.00	236,896	242,147	246,081
20840	Wildlife & Rec Coord	5.00	-	-	716,829	0	0
20850	Park Supervisor	4.00	4.00	4.00	505,505	516,181	530,807
20860	Park Supervisor Asst	3.50	3.50	3.50	341,557	363,836	374,919
20890	Natural Resources Specialist II	2.00	8.00	8.00	259,268	1,158,800	1,190,767
20900	Natural Resources Technician II	1.00	-	-	114,831	0	0
20930	Environmental Specialist, Senior	2.00	2.00	2.00	281,562	292,996	298,168
20940	Natural Resources Specialist III	5.00	6.00	6.00	803,133	1,006,897	1,029,646
20970	Environmental Technician	1.00	-	-	105,407	0	0
21060	Natural Resources Specialist I	6.00	7.00	7.00	751,956	918,481	942,664
21070	Natural Resources Technician I	2.00	-	-	169,266	0	0
21250	Electrical Inspector	8.00	7.00	7.00	1,072,901	1,010,106	1,042,306
2125A	Electrical Inspector 6.3%	2.00	2.00	2.00	288,132	308,186	317,387
21310	Power Engineer I	5.00	3.00	3.00	646,870	386,718	399,108
21320	Power Engineer II	11.00	13.25	13.25	1,518,789	1,900,917	1,967,989
21330	Power Engineer III	36.00	38.25	38.25	5,953,174	6,589,322	6,757,264
21340	Power Engineer IV	26.00	27.00	27.00	4,991,878	5,492,154	5,624,681
23260	Conservation Manager, Asst	1.00	-	-	177,069	0	0
41200	Communications System Tech II	9.00	7.75	7.75	1,307,485	1,214,393	1,250,624
41210	Communications System Tech III	5.00	6.00	6.00	782,832	995,677	1,025,210
41220	Communications System Tech I	1.00	3.00	3.00	121,110	408,232	420,672
50030	Transmission & Distrib Flagger	1.00	1.00	1.00	78,777	86,044	88,876
50400	Grounds Maint Worker	10.00	10.00	10.00	944,317	1,012,268	1,039,742
50410	Grounds Maintenance Crew Leader	4.00	4.00	4.00	454,414	482,814	494,909
50420	Grounds Maint Supv	1.00	1.00	1.00	140,601	147,966	152,721
50560	Hydro Utility Worker	27.50	27.00	27.00	3,036,205	3,235,162	3,342,319
51160	Substation Oper Sr	4.00	3.00	3.00	569,511	456,624	471,592
51190	Systems Power Dispatcher Cand	2.00	7.00	7.00	296,788	948,200	989,591
51200	Systems Power Dispatcher Generation	6.00	11.00	11.00	1,039,319	2,011,642	2,070,537
5120B	Systems Power Dispatcher 90.94% Dist	8.00	1.00	1.00	1,251,709	162,413	167,245
5120C	Systems Power Dispatcher 108.06% Coord	3.00	3.00	3.00	555,839	590,229	607,606
51230	Power Analyst	10.00	10.00	10.00	1,712,348	1,791,561	1,840,910
51280	Power Analyst Sr	13.00	14.75	14.75	2,431,247	2,878,988	2,933,143
51320	Hydro Project Electrician	9.00	9.00	9.00	1,275,000	1,360,124	1,404,909
51450	Heating/AC Maint Mech Supv	1.00	1.00	1.00	143,871	148,277	157,179
51500	Hydro Project Mgr, Asst	5.00	5.00	5.00	940,217	979,624	1,021,489
51510	Hydro Project Manager	3.00	3.00	3.00	650,177	669,879	680,953
52010	Carpenter	1.00	1.00	1.00	111,740	114,779	117,682
52020	Carpenter Crew Leader	1.00	1.00	1.00	121,352	127,240	130,365
52050	Painter Industrial	2.00	2.00	2.00	214,040	226,152	234,385

TACOMA POWER Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title						
52060	Painter Crew Leader	1.00	1.00	1.00	110,530	121,033	124,063
52300	Electrical Meter & Relay Tech	7.00	4.00	4.00	980,324	599,771	619,042
52301	Elec Meter & Rel-Adv Trng 1%	1.00	-	-	141,623	0	0
52305	Elec Meter & Rel-Adv Trng 5%	-	1.00	1.00	0	156,589	161,264
52308	Elec Meter & Rel-Adv Trng 14.25%	8.00	6.00	6.00	1,277,268	1,023,015	1,053,268
52309	Elec Meter & Rel-Adv Trng 25%	3.00	1.00	1.00	520,109	185,139	190,540
52360	Electrician	2.00	1.00	1.00	242,842	127,060	130,960
52370	Electrician, Lead	-	1.00	1.00	0	141,204	145,491
52380	Tool & Equipment Room Coordinator	1.00	1.00	1.00	113,775	122,497	127,281
52400	Electrical Worker	-	1.00	1.00	0	106,571	114,131
5241A	Line Electrician Appr Stp1-7	15.00	9.00	9.00	1,779,565	1,133,834	1,192,901
5242A	Elec Meter & Relay Tech Appren	-	5.00	5.00	0	622,142	651,676
5243A	Wire Electrician, Appren	13.00	5.00	5.00	1,555,060	615,441	649,545
52450	Wire Electrician	19.00	24.25	24.25	2,720,210	3,703,562	3,820,911
52460	Wire Electrician, Sr	19.00	15.75	15.75	3,011,998	2,664,111	2,745,821
52480	Power Supervisor I	5.00	5.00	5.00	742,982	706,988	718,648
52490	Power Supervisor III	28.00	28.00	28.00	5,470,313	5,827,261	5,965,515
52510	Power Supervisor II	17.00	16.00	16.00	2,947,338	2,883,969	2,949,203
52520	Transmission & Distrib Arborist	1.00	1.00	1.00	146,896	157,010	163,025
52530	Line Clearance Tree Trimmer	6.00	5.00	5.00	761,090	683,974	708,085
5254C	Line Clearance Tree Trimmer, Sr 3% ISA	2.00	2.00	2.00	284,940	304,772	313,904
52550	Line Electrician	36.00	39.75	39.75	5,208,541	6,140,486	6,329,348
5255B	Line Electrician 6% Trouble Crew	6.00	-	-	930,811	0	0
5255D	Line Electrician 10% Trouble Crew LOA	-	6.00	6.00	0	1,013,357	1,046,216
52560	Line Equipment Operator	9.00	9.00	9.00	1,107,906	1,184,646	1,220,767
52570	Line Electrician Sr	19.00	17.75	17.75	3,065,084	3,051,594	3,141,546
53010	Hydro Project Mechanic	11.00	11.00	11.00	1,567,974	1,675,828	1,727,400
53020	Wynoochee Project Maintenance Tech	3.00	3.00	3.00	361,363	390,298	402,237
53100	Fabrication Welder	2.00	2.00	2.00	224,722	235,363	240,826
53120	Machinist	1.00	1.00	1.00	110,624	115,951	118,649
55060	Marketing Coord	3.00	1.00	1.00	333,606	115,058	117,314
55110	Sales & Service Representative	4.00	-	-	336,336	0	0
55150	Telecom Manager Asst	2.00	-	-	491,379	0	0
55160	Telecom Utility Worker	2.00	-	-	153,291	0	0
55170	Network Oper Center Tech	4.00	-	-	382,943	0	0
5517A	Network Oper Ctr Tech +10%	2.00	-	-	207,872	0	0
55180	Telecom Tech 1	11.00	-	-	1,109,806	0	0
55190	Telecommunications Supervisor, Asst	1.00	-	-	121,880	0	0
55230	Telecom Technical Administrator	2.00	1.00	1.00	267,050	131,459	139,494
55240	Broadband Services Technician, Lead	2.00	-	-	303,551	0	0
55250	Broadband Services Technician	2.00	-	-	274,508	0	0
55260	Telecom Broadband Serv Mgr	2.00	-	-	390,288	0	0
55350	Telecom Engineer	-	1.00	1.00	0	136,107	138,010
55380	Converter Inventory Technician	2.00	-	-	158,530	0	0
55390	Telecom Planning & Design Technician	2.00	2.00	2.00	229,964	242,267	246,888

TACOMA POWER Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title						
55400	Network Construction Technician	4.00	7.00	7.00	472,185	778,097	802,843
5540A	Network Construction Tech +10%	-	1.00	1.00	0	121,386	124,886
55430	Telecom Network Technician	6.00	-	-	737,543	0	0
5543A	Telecom Network Tech +10%	2.00	-	-	266,851	0	0
55600	Telecom Sales Coordinator	1.00	-	-	114,201	0	0
55620	Telecom Tech Services Supv	3.00	-	-	427,278	0	0
60020	Custodian	15.00	15.00	15.00	1,168,422	1,262,226	1,300,885
60050	Building Maint Worker	3.00	3.00	3.00	288,641	307,112	315,948
60060	Building Maint Supv Asst	3.00	3.00	3.00	336,668	356,829	365,755
60080	Facilities Maint Mechanic	3.00	3.00	3.00	341,416	353,667	364,665
60100	Building Maint Supv	1.00	1.00	1.00	138,925	146,254	149,736

Sub-Total	808.50	770.00	770.00	\$116,909,217	\$118,586,213	\$121,996,399
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Project Employees:

00060	Office Assistant	-	1.00	1.00	\$0	\$81,393	\$86,310
07070	IT Project Manager	2.00	-	-	267,549	0	0
07080	IT Project Manager, Senior	1.00	-	-	143,548	0	0
07210	Project Manager, Senior	-	1.00	1.00	0	208,198	211,738
11090	Management Analyst I	1.00	3.00	3.00	87,105	300,200	310,185
11200	Management Analyst II	1.00	1.00	1.00	104,703	133,097	135,545
21310	Power Engineer I	-	1.00	1.00	0	114,183	115,946
21330	Power Engineer III	2.00	-	-	275,154	0	0
21340	Power Engineer IV	2.00	1.00	1.00	320,548	205,696	209,196
51320	Hydro Project Electrician	-	1.00	1.00	0	147,066	151,485
55350	Telecom Engineer	1.00	1.00	1.00	130,703	168,148	170,961

Sub-Total	10.00	10.00	10.00	\$1,329,309	\$1,357,981	\$1,391,366
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Temporary Employees:

01240	Computer Support Technician	0.50	-	-	\$40,840	\$0	\$0
50010	Laborer	15.93	14.70	14.70	824,801	730,003	743,858
50470	Hydro Grounds Maint Worker	0.50	0.50	0.50	41,827	44,857	46,072
50560	Hydro Utility Worker	2.84	3.00	3.00	275,864	288,458	297,144

Sub-Total	19.78	18.20	18.20	\$1,183,333	\$1,063,318	\$1,087,074
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FTE Total Tacoma Power	838.28	798.20	798.20	\$119,421,859	\$121,007,512	\$124,474,840
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TACOMA POWER	2017-18	2019-20	2021-22
Administration	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$1,024,446	\$845,006	\$869,227
Employee Benefits	309,543	211,494	233,038
Capital Credit & Labor To/From Others	(263,242)	(280,000)	(252,450)
Vacancy Factor	0	(19,711,327)	0
Total Personnel Costs	1,070,747	(18,934,827)	849,815
Supplies	(222,512)	(239,398)	(225,872)
Services	1,623,372	1,015,000	3,829,902
Other Charges	(12,724,030)	(12,951,060)	(5,306,658)
Assessments	54,135,249	63,262,183	70,075,633
Taxes	99,524,852	103,041,681	107,882,396

Total Operation & Maintenance	\$143,407,678	\$135,193,579	\$177,105,216
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Power Administration (561000)

Salaries & Wages	\$1,024,446	\$845,006	\$869,227
Employee Benefits	309,543	211,494	233,038
Capital Credit & Labor To/From Others	204,792	200,000	227,550
Total Personnel Costs	1,538,781	1,256,500	1,329,815
Supplies	60,967	30,602	22,878
Services	1,446,708	1,040,000	3,503,688
Other Charges	12,239,196	10,818,940	18,811,342
Assessments	54,135,249	63,262,183	70,075,633
Total	\$69,420,900	\$76,408,225	\$93,743,356

Undistributed Costs (561100)

Salaries & Wages Vacancy Factor	\$0	(\$14,647,929)	\$0
Employee Benefits Vacancy Factor	0	(5,063,398)	0
Capital Credit & Labor To/From Others	(468,034)	(480,000)	(480,000)
Total Personnel Costs	(468,034)	(20,191,327)	(480,000)
Supplies	(283,479)	(270,000)	(248,750)
Services	176,665	(25,000)	326,214
Other Charges	(24,963,226)	(23,770,000)	(24,118,000)
Taxes	99,524,852	103,041,681	107,882,396
Total	\$73,986,778	\$58,785,354	\$83,361,860

Total Power Administration Section	\$143,407,678	\$135,193,579	\$177,105,216
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POWER ADMINISTRATION Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title						
07390	Office Manager	1.00	1.00	1.00	\$132,350	\$136,359	\$138,844
08250	Utilities Dir Dpty Power Supt	1.00	1.00	1.00	403,658	410,011	415,814
FTE Total Power Administration		2.00	2.00	2.00	\$536,008	\$546,370	\$554,658

TACOMA POWER	2017-18	2019-20	2021-22
Click! Network	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$12,149,243	\$11,223,763	
Employee Benefits	5,164,111	3,756,875	
Capital Credit & Labor To/From Others	(133,096)	3,800	
Total Personnel Costs	17,180,258	14,984,438	0
Supplies	925,736	887,752	
Services	27,717,435	28,042,252	
Other Charges	762,959	373,703	
Assessments	2,928,103	3,020,202	
Taxes	7,148,199	7,147,335	

Total Operation & Maintenance	\$56,662,689	\$54,455,682	\$0
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Click! Administrative & General (551100)

Salaries & Wages	\$653,516	\$723,866	
Employee Benefits	182,587	193,397	
Capital Credit & Labor To/From Others	8,368	9,000	
Total Personnel Costs	844,471	926,263	0
Supplies	15,084	15,040	
Services	302,256	278,119	
Other Charges	21,147	(702,050)	
Assessments	2,530,259	2,916,242	
Total	\$3,713,217	\$3,433,613	\$0

Click! Marketing & Business Operations Admin (552100)

Salaries & Wages	\$352,142	\$385,634	
Employee Benefits	101,416	102,844	
Capital Credit & Labor To/From Others	(2,090)	0	
Total Personnel Costs	451,469	488,478	0
Supplies	2,987	3,388	
Services	0	0	
Other Charges	(626,727)	1,290	
Total	(\$172,271)	\$493,156	\$0

TACOMA POWER	2017-18	2019-20	2021-22
Click! Network	Biennium Actual	Biennium Budget	Biennium Budget

Click! Sales & Marketing Admin (552200)

Salaries & Wages	\$1,310,429	\$1,267,745	
Employee Benefits	555,435	497,023	
Capital Credit & Labor To/From Others	0	0	
Total Personnel Costs	1,865,864	1,764,768	0
Supplies	33,825	21,400	
Services	13,813	17,698	
Other Charges	11,775	8,444	
Total	\$1,925,276	\$1,812,310	\$0

Click! Sales & Marketing Services (552300)

Salaries & Wages	\$0	\$0	
Employee Benefits	0	0	
Capital Credit & Labor To/From Others	20,891	22,800	
Total Personnel Costs	20,891	22,800	0
Supplies	30,861	0	
Services	24,476,115	23,838,243	
Other Charges	1,305,958	977,792	
Assessments	397,844	103,960	
Taxes	7,148,199	7,147,335	
Total	\$33,379,869	\$32,090,130	\$0

Click! ISP Advantage (552400)

Salaries & Wages	\$0	\$1,250,000	
Employee Benefits	0	0	
Capital Credit & Labor To/From Others	0	0	
Total Personnel Costs	0	1,250,000	0
Supplies	35	0	
Services	752,512	830,480	
Other Charges	404	552	
Total	\$752,952	\$2,081,032	\$0

TACOMA POWER	2017-18	2019-20	2021-22
Click! Network	Biennium Actual	Biennium Budget	Biennium Budget

Click! Customer Sales & Service (552500)

Salaries & Wages	\$1,456,578	\$430,631	
Employee Benefits	799,967	230,659	
Capital Credit & Labor To/From Others	(1,051)	0	
Total Personnel Costs	2,255,495	661,290	0
Supplies	40,898	28,900	
Services	46,134	616,600	
Other Charges	867	2,525	
Total	\$2,343,394	\$1,309,315	\$0

Click! Business Support Systems (552600)

Salaries & Wages	\$575,964	\$336,616	
Employee Benefits	246,725	133,260	
Capital Credit & Labor To/From Others	(21,024)	0	
Total Personnel Costs	801,665	469,876	0
Supplies	10,105	7,308	
Services	510,595	539,040	
Other Charges	116,381	134,040	
Total	\$1,438,747	\$1,150,264	\$0

Click! Technical Operations Administration (553200)

Salaries & Wages	\$522,403	\$577,525	
Employee Benefits	172,451	176,739	
Capital Credit & Labor To/From Others	(14,612)	0	
Total Personnel Costs	680,242	754,263	0
Supplies	10,107	5,996	
Services	0	0	
Other Charges	6,464	3,732	
Total	\$696,813	\$763,991	\$0

TACOMA POWER	2017-18	2019-20	2021-22
Click! Network	Biennium Actual	Biennium Budget	Biennium Budget

Click! Service Installation (553500)

Salaries & Wages	\$2,179,378	\$1,991,477	
Employee Benefits	1,018,588	831,362	
Capital Credit & Labor To/From Others	(9,963)	(8,000)	
Total Personnel Costs	3,188,004	2,814,839	0
Supplies	387,287	420,380	
Services	715,075	739,838	
Other Charges	(158,472)	(150,566)	
Total	\$4,131,893	\$3,824,491	\$0

Click! Dispatch (553600)

Salaries & Wages	\$444,370		
Employee Benefits	208,395		
Capital Credit & Labor To/From Others	0		
Total Personnel Costs	652,765	0	0
Supplies	4,467		
Services	0		
Other Charges	56		
Total	\$657,287	\$0	\$0

Click! Converter Inventory Control (553700)

Salaries & Wages	\$469,811	\$407,892	
Employee Benefits	242,175	186,582	
Capital Credit & Labor To/From Others	0	0	
Total Personnel Costs	711,987	594,474	0
Supplies	55,601	89,810	
Services	31,668	30,597	
Other Charges	(8,812)	765	
Total	\$790,444	\$715,646	\$0

TACOMA POWER	2017-18	2019-20	2021-22
Click! Network	Biennium Actual	Biennium Budget	Biennium Budget

Click! Network Operations (555300)

Salaries & Wages	\$1,644,865	\$1,805,229	
Employee Benefits	653,461	653,372	
Capital Credit & Labor To/From Others	(107,194)	0	
Total Personnel Costs	2,191,132	2,458,600	0
Supplies	236,077	207,520	
Services	196,825	276,871	
Other Charges	64,145	54,943	
Total	\$2,688,178	\$2,997,934	\$0

Click! Broadband Services (555400)

Salaries & Wages	\$1,152,866	\$984,752	
Employee Benefits	379,570	305,460	
Capital Credit & Labor To/From Others	(9,935)	(20,000)	
Total Personnel Costs	1,522,501	1,270,212	0
Supplies	49,055	61,490	
Services	219,897	397,738	
Other Charges	21,683	39,890	
Total	\$1,813,136	\$1,769,330	\$0

Click! Network Engineering (555500)

Salaries & Wages	\$333,999	\$0	
Employee Benefits	112,707	0	
Capital Credit & Labor To/From Others	0	0	
Total Personnel Costs	446,705	0	0
Supplies	30,560	1,700	
Services	452,544	477,028	
Other Charges	7,835	0	
Total	\$937,644	\$478,728	\$0

TACOMA POWER	2017-18	2019-20	2021-22
Click! Network	Biennium Actual	Biennium Budget	Biennium Budget

Click! Network Service Assurance (555600)

Salaries & Wages	\$1,052,922	\$1,062,398	
Employee Benefits	490,633	446,177	
Capital Credit & Labor To/From Others	3,513	0	
Total Personnel Costs	1,547,068	1,508,575	0
Supplies	18,789	24,820	
Services	0	0	
Other Charges	254	2,346	
Total	\$1,566,111	\$1,535,741	\$0

Total Click! Network Section	\$56,662,689	\$54,455,682	\$0
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CLICK! NETWORK Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title					
05040	Financial Assistant	1.00			\$96,652	
06210	Account Executive	1.00			144,351	
07380	Office Administrator	1.00			113,047	
08160	Power Section Manager	1.00			354,461	
11090	Management Analyst I	1.00			106,602	
11200	Management Analyst II	1.00			129,125	
55060	Marketing Coordinator	3.00			333,606	
55110	Sales & Service Rep	4.00			336,336	
55150	Telecom Manager Asst	2.00			491,379	
55170	Network Oper Center Tech	4.00			382,943	
5517A	Network Oper Ctr Tech +10%	2.00			207,872	
55180	Telecom Tech 1	11.00			1,109,806	
55190	Telecom Supv, Asst	1.00			121,880	
55230	Telecom Tech Administrator	1.00			140,078	
55240	Broadband Svcs Tech, Lead	2.00			303,551	
55250	Broadband Svcs Tech	2.00			274,508	
55260	Telecom Broadband Serv Mgr	2.00			390,288	
55380	Converter Inventory Technician	2.00			158,530	
55430	Telecom Network Technician	6.00			737,543	
5543A	Telecom Network Tech +10%	2.00			266,851	
55600	Telecom Sales Coordinator	1.00			114,201	
55620	Telecom Tech Services Supv	3.00			427,278	
FTE Total Click! Network		54.00	-	-	\$6,740,887	\$0

TACOMA POWER	2017-18	2019-20	2021-22
Generation	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$30,836,044	\$33,422,494	\$36,052,566
Employee Benefits	11,736,335	12,617,268	14,277,065
Capital Credit & Labor To/From Others	(4,453,758)	(4,903,000)	(5,535,000)
Total Personnel Costs	38,118,621	41,136,762	44,794,631
Supplies	6,461,372	4,857,153	4,758,740
Services	24,969,120	34,055,899	29,809,228
Other Charges	6,083,556	4,703,563	3,396,768
Taxes	3,859,483	4,114,800	4,338,900

Total Operation & Maintenance	\$79,492,153	\$88,868,177	\$87,098,266
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Generation Administration (561200)

Salaries & Wages	\$999,994	\$861,931	\$962,662
Employee Benefits	421,072	258,346	301,128
Capital Credit & Labor To/From Others	4,085	0	0
Total Personnel Costs	1,425,150	1,120,278	1,263,790
Supplies	73,569	93,540	16,521
Services	8,105	45,000	1,548,015
Other Charges	2,326,878	1,689,286	101,111
Taxes	3,859,483	4,114,800	4,338,900
Total	\$7,693,186	\$7,062,904	\$7,268,336

Production Engineering (561300)

Salaries & Wages	\$4,167,353	\$4,713,528	\$5,396,205
Employee Benefits	1,518,852	1,607,308	1,987,120
Capital Credit & Labor To/From Others	(1,987,113)	(1,800,000)	(1,800,000)
Total Personnel Costs	3,699,093	4,520,836	5,583,325
Supplies	120,275	89,460	113,446
Services	(30,972)	143,681	107,871
Other Charges	242,886	229,724	170,675
Total	\$4,031,282	\$4,983,701	\$5,975,318

TACOMA POWER	2017-18	2019-20	2021-22
Generation	Biennium Actual	Biennium Budget	Biennium Budget

Plant Engineering & Construction Services (561400)

Salaries & Wages	\$5,634,565	\$5,487,588	\$6,100,595
Employee Benefits	1,980,436	1,980,676	2,362,056
Capital Credit & Labor To/From Others	(2,106,297)	(2,500,000)	(2,800,000)
Total Personnel Costs	5,508,704	4,968,264	5,662,651
Supplies	227,066	145,368	173,181
Services	667,449	377,735	298,303
Other Charges	217,162	202,271	189,468
Total	\$6,620,382	\$5,693,638	\$6,323,604

Generation Extraordinary Maintenance (561900)

Salaries & Wages	\$0	\$0	\$0
Employee Benefits	0	0	0
Capital Credit & Labor To/From Others	77,664	0	0
Total Personnel Costs	77,664	0	0
Supplies	487,477	0	0
Services	3,633,660	7,235,000	3,010,000
Other Charges	147,571	0	0
Total	\$4,346,372	\$7,235,000	\$3,010,000

Contract Services (569000)

Salaries & Wages	\$451,289	\$812,409	\$909,910
Employee Benefits	193,456	337,454	440,422
Capital Credit & Labor To/From Others	107,659	0	0
Total Personnel Costs	752,404	1,149,863	1,350,332
Supplies	6,093	9,840	15,042
Services	100,070	0	0
Other Charges	11,153	31,959	28,948
Total	\$869,719	\$1,191,662	\$1,394,322

TACOMA POWER	2017-18	2019-20	2021-22
Generation	Biennium Actual	Biennium Budget	Biennium Budget

Natural Resources (565700)

Salaries & Wages	\$5,414,649	\$6,451,235	\$6,234,051
Employee Benefits	2,118,493	2,378,570	2,486,591
Capital Credit & Labor To/From Others	176,581	60,000	(140,000)
Total Personnel Costs	7,709,724	8,889,804	8,580,642
Supplies	3,334,552	2,468,644	2,443,099
Services	17,629,408	22,158,887	21,711,530
Other Charges	2,385,502	1,733,600	2,230,848
Total	\$31,059,186	\$35,250,935	\$34,966,119

Nisqually Project (566100)

Salaries & Wages	\$2,579,826	\$2,779,400	\$3,274,009
Employee Benefits	967,500	998,778	1,310,916
Capital Credit & Labor To/From Others	(183,693)	(125,000)	(275,000)
Total Personnel Costs	3,363,633	3,653,178	4,309,925
Supplies	310,821	301,052	252,202
Services	650,619	760,067	671,680
Other Charges	64,317	108,270	66,400
Total	\$4,389,390	\$4,822,567	\$5,300,207

Alder Park (566700)

Salaries & Wages	\$470,941	\$497,017	\$597,926
Employee Benefits	169,081	275,655	263,480
Capital Credit & Labor To/From Others	4,868	0	0
Total Personnel Costs	644,890	772,673	861,406
Supplies	131,402	138,470	130,447
Services	267,601	343,731	276,337
Other Charges	73,244	72,750	62,268
Total	\$1,117,136	\$1,327,624	\$1,330,458

TACOMA POWER	2017-18	2019-20	2021-22
Generation	Biennium Actual	Biennium Budget	Biennium Budget

Cushman Project (566400)

Salaries & Wages	\$3,555,017	\$3,643,105	\$3,867,451
Employee Benefits	1,400,432	1,424,572	1,631,064
Capital Credit & Labor To/From Others	(435,163)	(155,000)	(180,000)
Total Personnel Costs	4,520,286	4,912,677	5,318,515
Supplies	552,282	613,271	581,210
Services	562,574	1,073,378	713,197
Other Charges	126,031	143,640	121,464
Total	\$5,761,173	\$6,742,966	\$6,734,386

Cowlitz Project (566500)

Salaries & Wages	\$5,444,734	\$5,996,704	\$6,277,205
Employee Benefits	2,104,319	2,319,992	2,546,177
Capital Credit & Labor To/From Others	(133,559)	(350,000)	(300,000)
Total Personnel Costs	7,415,494	7,966,695	8,523,382
Supplies	793,266	632,488	648,062
Services	940,167	1,053,036	917,962
Other Charges	153,427	139,840	87,597
Total	\$9,302,354	\$9,792,059	\$10,177,003

Taidnapam Park (566800)

Salaries & Wages	\$486,179	\$487,768	\$555,906
Employee Benefits	202,668	274,323	204,729
Capital Credit & Labor To/From Others	(7,936)	0	0
Total Personnel Costs	680,912	762,091	760,634
Supplies	122,307	63,364	83,864
Services	111,508	328,211	134,106
Other Charges	82,269	90,200	78,183
Total	\$996,996	\$1,243,866	\$1,056,787

TACOMA POWER	2017-18	2019-20	2021-22
Generation	Biennium Actual	Biennium Budget	Biennium Budget

Mossyrock Park (566900)

Salaries & Wages	\$487,814	\$505,695	\$549,754
Employee Benefits	211,932	280,386	205,200
Capital Credit & Labor To/From Others	4,366	0	0
Total Personnel Costs	704,111	786,081	754,954
Supplies	115,859	93,722	92,570
Services	120,143	186,737	158,041
Other Charges	87,402	88,200	86,907
Total	\$1,027,514	\$1,154,740	\$1,092,472

Mayfield Lake Park (567300)

Salaries & Wages	\$343,682	\$319,229	\$374,134
Employee Benefits	142,580	154,855	144,444
Capital Credit & Labor To/From Others	5,073	0	0
Total Personnel Costs	491,335	474,084	518,577
Supplies	66,457	60,848	60,954
Services	57,356	72,960	74,363
Other Charges	46,608	43,000	48,467
Total	\$661,756	\$650,892	\$702,361

Wynoochee Project (567200)

Salaries & Wages	\$800,001	\$866,885	\$952,757
Employee Benefits	305,515	326,352	393,739
Capital Credit & Labor To/From Others	19,707	(33,000)	(40,000)
Total Personnel Costs	1,125,223	1,160,237	1,306,496
Supplies	119,945	147,086	148,142
Services	251,433	277,476	187,823
Other Charges	119,105	130,823	124,432
Total	\$1,615,706	\$1,715,622	\$1,766,894

Total Generation Section	\$79,492,153	\$88,868,177	\$87,098,266
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GENERATION Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title						
00060	Office Assistant	2.00	2.00	2.00	\$169,535	\$175,585	\$179,482
05040	Financial Assistant	1.00	1.00	1.00	94,385	83,868	85,444
05820	Utilities Econ, Sr.	-	1.00	1.00	0	154,469	156,475
07200	Project Manager	-	1.00	1.00	0	136,710	138,605
07210	Project Manager, Senior	-	1.00	1.00	0	167,997	170,075
07370	Administrative Assistant	6.00	6.00	6.00	567,732	589,551	605,061
07380	Office Administrator	1.00	1.00	1.00	117,453	121,364	123,681
08160	Power Section Manager	1.00	1.00	1.00	335,880	356,718	365,730
08170	Power Section Asst Manager II	3.00	3.00	3.00	785,280	830,571	863,247
08450	Relicensing Coordinator	1.00	1.00	1.00	172,147	177,886	180,815
11090	Management Analyst I	2.00	2.00	2.00	193,707	201,218	205,041
11200	Management Analyst II	4.00	3.00	3.00	486,039	397,566	406,636
11220	Safety Officer	1.00	1.00	1.00	123,034	136,639	144,979
11350	Management Analyst III	1.00	1.00	1.00	125,950	156,158	162,574
20020	Survey Technician III	-	1.00	1.00	0	114,457	117,360
20030	Chief of Party	2.00	1.00	1.00	227,261	134,064	137,342
20040	Engineering Tech IV	6.00	5.00	5.00	779,663	662,299	680,722
20050	Chief Surveyor, Asst	1.00	1.00	1.00	133,410	117,596	120,562
20060	Chief Surveyor	1.00	1.00	1.00	161,972	169,790	173,725
20100	Engineering Tech I	1.00	-	-	82,759	0	0
20110	Engineering Tech II	4.00	3.00	3.00	419,046	345,476	355,286
20120	Engineering Tech III	2.00	3.00	3.00	236,477	377,899	387,179
20460	Engr Const Coord	2.00	3.00	3.00	281,055	445,120	461,900
20840	Wildlife & Rec Coord	5.00	-	-	716,829	0	0
20850	Park Supervisor	4.00	4.00	4.00	505,505	516,181	530,807
20860	Park Supervisor Asst	3.50	3.50	3.50	341,557	363,836	374,919
20890	Natural Resources Specialist II	2.00	8.00	8.00	259,268	1,158,800	1,190,767
20900	Natural Resources Technician II	1.00	-	-	114,831	0	0
20930	Environmental Specialist, Sr	2.00	-	-	281,562	0	0
20940	Natural Resources Specialist III	5.00	6.00	6.00	803,133	1,006,897	1,029,646
20970	Environmental Technician	1.00	-	-	105,407	0	0
21060	Natural Resources Specialist I	6.00	7.00	7.00	751,956	918,481	942,664
21070	Natural Resources Technician I	2.00	-	-	169,266	0	0
21310	Power Engineer I	1.00	1.00	1.00	134,504	139,996	142,507
21320	Power Engineer II	2.00	1.00	1.00	268,230	153,229	156,714
21330	Power Engineer III	8.00	7.00	7.00	1,297,555	1,212,948	1,247,237
21340	Power Engineer IV	7.00	8.00	8.00	1,334,150	1,640,163	1,673,572
50560	Hydro Utility Worker	27.50	27.00	27.00	3,036,205	3,235,162	3,342,319
51320	Hydro Project Electrician	9.00	9.00	9.00	1,275,000	1,360,124	1,404,909
51500	Hydro Project Mgr, Asst	5.00	5.00	5.00	940,217	979,624	1,021,489
51510	Hydro Project Manager	3.00	3.00	3.00	650,177	669,879	680,953

GENERATION Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title						
52010	Carpenter	1.00	-	-	111,740	0	0
52020	Carpenter Crew Leader	1.00	-	-	121,352	0	0
52050	Painter Industrial	2.00	-	-	214,040	0	0
52060	Painter Crew Leader	1.00	-	-	110,530	0	0
52480	Power Supervisor I	1.00	1.00	1.00	148,596	123,780	125,600
52490	Power Supervisor III	3.00	4.00	4.00	613,205	847,941	863,709
52510	Power Supervisor II	4.00	3.00	3.00	723,726	560,652	569,772
53010	Hydro Project Mechanic	11.00	11.00	11.00	1,567,974	1,675,828	1,727,400
53020	Wynoochee Project Maint Tech	3.00	3.00	3.00	361,363	390,298	402,237
53100	Fabrication Welder	2.00	-	-	224,722	0	0
53120	Machinist	1.00	-	-	110,624	0	0

Sub-Total	166.00	154.50	154.50	\$22,786,010	\$23,006,818	\$23,649,142
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Project Employees:

00060	Office Assistant	-	1.00	1.00	\$0	\$81,393	\$86,310
51320	Hydro Project Electrician	-	1.00	1.00	0	147,066	151,485

Sub-Total	-	2.00	2.00	\$0	\$228,459	\$237,795
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Temporary Employees:

50010	Laborer	14.69	14.20	14.20	\$759,821	\$706,714	\$720,147
50470	Hydro Grounds Maint Worker	0.50	0.50	0.50	41,827	44,857	46,072
50560	Hydro Utility Worker	2.84	3.00	3.00	275,864	288,458	297,144

Sub-Total	18.03	17.70	17.70	\$1,077,512	\$1,040,029	\$1,063,364
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FTE Total Generation	184.03	174.20	174.20	\$23,863,522	\$24,275,306	\$24,950,300
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TACOMA POWER	2017-18	2019-20	2021-22
Power Management	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$16,536,019	\$18,472,631	\$20,060,913
Employee Benefits	5,692,325	6,034,135	7,095,815
Capital Credit & Labor To/From Others	(646,204)	(317,389)	25,720
Total Personnel Costs	21,582,140	24,189,377	27,182,447
Supplies	271,603,089	290,037,584	286,773,751
Services	2,603,371	4,419,355	7,658,726
Other Charges	32,633,083	45,143,411	42,525,725

Total Operation & Maintenance	\$328,421,683	\$363,789,727	\$364,140,650
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Power Management Administrative Staff (566000)

Salaries & Wages	\$1,389,049	\$2,341,996	\$2,975,624
Employee Benefits	464,210	659,819	931,659
Capital Credit & Labor To/From Others	(221,679)	0	0
Total Personnel Costs	1,631,580	3,001,815	3,907,282
Supplies	56,079	50,740	70,375
Services	117,298	305,600	105,600
Other Charges	146,207	119,734	141,441
Total	\$1,951,163	\$3,477,889	\$4,224,698

Power Contracts, Compliance & Transmission (565000)

Salaries & Wages	\$788,185	\$584,041	\$906,832
Employee Benefits	257,466	182,281	306,964
Capital Credit & Labor To/From Others	241,786	0	0
Total Personnel Costs	1,287,438	766,322	1,213,796
Supplies	3,653	3,704	265,345,290
Services	48,960	0	0
Other Charges	25,040	49,174	39,571,508
Total	\$1,365,091	\$819,200	\$306,130,594

TACOMA POWER	2017-18	2019-20	2021-22
Power Management	Biennium Actual	Biennium Budget	Biennium Budget

Real-Time Energy Trading (565200)

Salaries & Wages	\$2,180,552	\$3,107,066	\$3,017,311
Employee Benefits	641,641	974,028	971,435
Capital Credit & Labor To/From Others	(1,240)	0	0
Total Personnel Costs	2,820,954	4,081,095	3,988,746
Supplies	23,772	23,148	24,870
Services	10,601	60,100	15,000
Other Charges	9,442	43,502	23,614
Total	\$2,864,768	\$4,207,845	\$4,052,230

Near Term Trading & Operations (565400)

Salaries & Wages	\$3,028,941	\$1,452,960	\$1,280,518
Employee Benefits	1,030,430	452,458	418,654
Capital Credit & Labor To/From Others	(139,283)	0	0
Total Personnel Costs	3,920,089	1,905,418	1,699,172
Supplies	271,134,885	289,327,937	17,841,776
Services	1,420,530	819,480	795,480
Other Charges	30,789,469	42,053,749	22,696
Total	\$307,264,972	\$334,106,584	\$20,359,124

CAISO Market Operations (565401)

Salaries & Wages			\$488,271
Employee Benefits			182,764
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	671,035
Supplies			3,051,213
Services			4,174,207
Other Charges			11,637
Total	\$0	\$0	\$7,908,092

TACOMA POWER	2017-18	2019-20	2021-22
Power Management	Biennium Actual	Biennium Budget	Biennium Budget

EMS/IT Management (565500)

Salaries & Wages	\$1,086,681	\$1,360,752	\$1,445,375
Employee Benefits	356,185	430,996	500,177
Capital Credit & Labor To/From Others	(540,671)	(340,189)	0
Total Personnel Costs	902,196	1,451,559	1,945,552
Supplies	99,099	13,668	15,915
Services	385,645	771,700	275,600
Other Charges	72,374	52,866	46,616
Total	\$1,459,314	\$2,289,793	\$2,283,683

Resource Operations (566600)

Salaries & Wages		\$875,521	\$885,266
Employee Benefits		267,734	296,440
Capital Credit & Labor To/From Others		0	0
Total Personnel Costs	0	1,143,255	1,181,706
Supplies		11,024	12,209
Services		613,000	619,000
Other Charges		303,622	62,620
Total	\$0	\$2,070,901	\$1,875,535

Supply Planning & Analysis (567100)

Salaries & Wages	\$1,474,650	\$1,527,094	\$812,264
Employee Benefits	472,984	505,211	289,784
Capital Credit & Labor To/From Others	8,335	0	0
Total Personnel Costs	1,955,969	2,032,305	1,102,047
Supplies	26,721	13,008	23,961
Services	49,371	125,000	1,500
Other Charges	259,500	286,792	272,908
Total	\$2,291,561	\$2,457,105	\$1,400,416

TACOMA POWER	2017-18	2019-20	2021-22
Power Management	Biennium Actual	Biennium Budget	Biennium Budget

Conservation Planning & Analysis (567400)

Salaries & Wages	\$511,261	\$569,319	\$566,471
Employee Benefits	177,993	180,358	197,853
Capital Credit & Labor To/From Others	0	0	0
Total Personnel Costs	689,253	749,677	764,325
Supplies	18,973	6,536	10,214
Services	233,070	678,286	483,969
Other Charges	20,362	58,560	36,846
Total	\$961,658	\$1,493,059	\$1,295,354

Energy Research & Development (564001)

Salaries & Wages			\$1,256,970
Employee Benefits			461,114
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	1,718,084
Supplies			10,035
Services			520,000
Other Charges			111,195
Total	\$0	\$0	\$2,359,314

Energy Conservation Administration (562000)

Salaries & Wages	\$401,390	\$703,536	\$723,737
Employee Benefits	107,869	197,823	218,990
Capital Credit & Labor To/From Others	103,265	0	0
Total Personnel Costs	612,525	901,359	942,727
Supplies	5,817	8,436	10,414
Services	1,984	0	0
Other Charges	338,221	394,227	402,232
Total	\$958,546	\$1,304,022	\$1,355,373

TACOMA POWER	2017-18	2019-20	2021-22
Power Management	Biennium Actual	Biennium Budget	Biennium Budget

Commercial Energy Conservation (562300)

Salaries & Wages	\$1,914,758	\$2,372,635	\$2,248,092
Employee Benefits	682,127	825,834	852,288
Capital Credit & Labor To/From Others	277,980	22,800	25,720
Total Personnel Costs	2,874,864	3,221,269	3,126,100
Supplies	50,916	48,673	95,421
Services	51,189	350,833	239,893
Other Charges	142,450	816,240	629,021
Total	\$3,119,420	\$4,437,015	\$4,090,435

Residential Energy Services (562400)

Salaries & Wages	\$1,560,445	\$1,449,080	\$1,670,821
Employee Benefits	613,380	532,023	693,226
Capital Credit & Labor To/From Others	(264,076)	0	0
Total Personnel Costs	1,909,749	1,981,103	2,364,047
Supplies	72,188	36,042	32,752
Services	168,618	217,062	223,477
Other Charges	481,003	561,604	653,662
Total	\$2,631,558	\$2,795,811	\$3,273,937

Conservation Information Center (562500)

Salaries & Wages	\$1,667,794	\$1,467,515	\$1,600,837
Employee Benefits	680,687	589,007	692,292
Capital Credit & Labor To/From Others	(107,369)	0	0
Total Personnel Costs	2,241,112	2,056,522	2,293,130
Supplies	34,358	41,168	63,913
Services	77,520	83,000	71,000
Other Charges	262,307	344,759	347,268
Total	\$2,615,298	\$2,525,449	\$2,775,311

TACOMA POWER	2017-18	2019-20	2021-22
Power Management	Biennium Actual	Biennium Budget	Biennium Budget

Renewables & Outreach (564000)

Salaries & Wages	\$532,311	\$661,116	\$182,522
Employee Benefits	207,353	236,564	82,175
Capital Credit & Labor To/From Others	(3,252)	0	0
Total Personnel Costs	736,412	897,680	264,697
Supplies	76,629	453,500	165,395
Services	38,584	395,294	134,000
Other Charges	86,707	58,582	192,462
Total	\$938,333	\$1,805,056	\$756,554

Total Power Management Section	\$328,421,683	\$363,789,727	\$364,140,650
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POWER MANAGEMENT Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title						
00060	Office Assistant	3.00	-	-	\$252,465	\$0	\$0
05820	Utilities Econ, Sr.	1.00	1.00	1.00	185,523	174,132	184,917
06190	Conservation Manager	2.00	2.00	2.00	398,258	409,318	416,398
06200	Conservation Supervisor	4.00	3.00	3.00	652,602	506,455	514,973
06230	Energy Services Representative	1.00	1.00	1.00	119,201	128,149	132,068
06300	Conservation Program Manager	6.00	6.00	6.00	822,696	865,494	892,283
06310	Conservation Program Associate	1.50	1.50	1.50	147,558	153,962	157,429
06320	Conservation Program Coordinator	2.00	2.00	2.00	222,757	233,400	237,907
07370	Administrative Assistant	1.00	4.00	4.00	96,654	394,068	403,117
07380	Office Administrator	1.00	1.00	1.00	117,094	121,364	123,681
08150	Power Section Asst Manager I	2.00	2.25	2.25	483,323	555,316	564,244
08160	Power Section Manager	1.00	1.00	1.00	354,461	360,481	365,730
08170	Power Section Asst Manager II	3.00	3.00	3.00	836,170	852,785	866,016
11090	Management Analyst I	1.00	1.00	1.00	92,717	98,754	104,811
11350	Management Analyst III	6.00	6.00	6.00	907,546	930,667	966,627
20690	Real-Time Energy Trader	6.00	6.00	6.00	1,160,188	1,124,271	1,150,662
20720	Term Energy Trader	1.00	1.00	1.00	236,896	242,147	246,081
21320	Power Engineer II	-	1.00	1.00	0	152,730	155,399
21330	Power Engineer III	5.00	5.00	5.00	804,680	839,884	863,643
21340	Power Engineer IV	3.00	3.00	3.00	583,294	614,727	627,589
23260	Conservation Manager, Asst.	1.00	-	-	177,069	0	0
51230	Power Analyst	6.00	7.00	7.00	1,049,415	1,249,844	1,284,212
51280	Power Analyst Sr	10.00	13.75	13.75	1,896,041	2,680,842	2,729,486
52490	Power Supervisor III	4.00	2.00	2.00	747,176	425,336	432,512
55060	Marketing Coord	-	1.00	1.00	0	115,058	117,314
FTE Total Power Management		71.50	74.50	74.50	\$12,343,783	\$13,229,186	\$13,537,101

TACOMA POWER	2017-18	2019-20	2021-22
Shared Services	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$10,844,912	\$14,141,537	\$15,784,361
Employee Benefits	4,852,241	5,632,784	6,997,448
Capital Credit & Labor To/From Others	(1,844,099)	(1,442,000)	(1,040,400)
Total Personnel Costs	13,853,054	18,332,321	21,741,409
Supplies	1,587,790	1,796,665	2,142,723
Services	3,446,888	5,431,253	6,247,074
Other Charges	1,692,930	2,359,121	1,690,000

Total Operation & Maintenance	\$20,580,662	\$27,919,360	\$31,821,207
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PSS Administration (560201)

Salaries & Wages	\$174,054	\$1,406,649	\$1,510,892
Employee Benefits	49,817	429,127	542,616
Capital Credit & Labor To/From Others	0	0	0
Total Personnel Costs	223,871	1,835,776	2,053,508
Supplies	4,092	23,172	29,510
Services	69	6,000	16,500
Other Charges	5,278	80,716	122,405
Total	\$233,311	\$1,945,664	\$2,221,923

PSS Strategy (560202)

Salaries & Wages	\$30,155	\$1,627,940	\$1,397,116
Employee Benefits	8,676	557,234	481,953
Capital Credit & Labor To/From Others	0	0	0
Total Personnel Costs	38,831	2,185,173	1,879,069
Supplies	26,324	14,376	61,295
Services	429	4,000	104,000
Other Charges	9,874	834,504	195,505
Total	\$75,458	\$3,038,053	\$2,239,869

TACOMA POWER	2017-18	2019-20	2021-22
Shared Services	Biennium Actual	Biennium Budget	Biennium Budget

PSS Safety & Environmental Compliance (560203)

Salaries & Wages			\$946,049
Employee Benefits			363,288
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	1,309,337
Supplies			20,046
Services			0
Other Charges			20,208
Total	\$0	\$0	\$1,349,590

PSS Training & Development (560400)

Salaries & Wages	\$712,476	\$670,937	\$716,334
Employee Benefits	315,541	273,957	320,553
Capital Credit & Labor To/From Others	2,067	0	0
Total Personnel Costs	1,030,084	944,895	1,036,887
Supplies	451,952	48,369	30,312
Services	297,776	607,180	394,046
Other Charges	61,358	46,143	148,127
Total	\$1,841,169	\$1,646,587	\$1,609,371

PSS Reliability & Compliance (564500)

Salaries & Wages	\$2,213,838	\$1,666,030	\$2,059,162
Employee Benefits	846,903	605,057	839,439
Capital Credit & Labor To/From Others	(42,132)	0	0
Total Personnel Costs	3,018,608	2,271,087	2,898,601
Supplies	34,673	27,994	39,670
Services	175,943	100,050	50
Other Charges	682,469	297,267	76,126
Total	\$3,911,693	\$2,696,398	\$3,014,447

TACOMA POWER	2017-18	2019-20	2021-22
Shared Services	Biennium Actual	Biennium Budget	Biennium Budget

PSS Craft Shops (563800)

Salaries & Wages	\$952,540	\$1,241,218	\$1,288,837
Employee Benefits	451,649	526,752	649,909
Capital Credit & Labor To/From Others	(431,933)	(400,000)	(150,000)
Total Personnel Costs	972,255	1,367,970	1,788,746
Supplies	96,436	138,444	64,522
Services	203,674	282,722	100,198
Other Charges	5,082	930	12,254
Total	\$1,277,447	\$1,790,066	\$1,965,720

PSS Mechanical Maintenance (563900)

Salaries & Wages	\$1,026,972	\$1,066,291	\$1,111,966
Employee Benefits	427,578	421,139	495,442
Capital Credit & Labor To/From Others	(269,567)	(150,000)	(84,000)
Total Personnel Costs	1,184,983	1,337,430	1,523,408
Supplies	279,633	329,608	357,885
Services	336,432	450,599	594,868
Other Charges	40,551	70,550	67,036
Total	\$1,841,600	\$2,188,187	\$2,543,197

PSS Facilities (568600)

Salaries & Wages	\$1,210,245	\$1,070,525	\$1,098,401
Employee Benefits	462,020	371,539	429,468
Capital Credit & Labor To/From Others	(275,566)	(70,000)	(42,000)
Total Personnel Costs	1,396,699	1,372,063	1,485,870
Supplies	197,458	412,340	669,585
Services	1,479,131	616,152	1,972,707
Other Charges	598,358	910,505	715,147
Total	\$3,671,646	\$3,311,060	\$4,843,308

TACOMA POWER	2017-18	2019-20	2021-22
Shared Services	Biennium Actual	Biennium Budget	Biennium Budget

PSS Security Operations (568601)

Salaries & Wages		\$489,386	\$538,702
Employee Benefits		167,077	193,757
Capital Credit & Labor To/From Others		0	0
Total Personnel Costs	0	656,463	732,459
Supplies		215,336	226,964
Services		1,530,000	2,102,041
Other Charges		19,332	152,839
Total	\$0	\$2,421,131	\$3,214,303

PSS Building Maintenance (568700)

Salaries & Wages	\$2,529,817	\$2,673,982	\$2,789,211
Employee Benefits	1,325,244	1,280,109	1,543,637
Capital Credit & Labor To/From Others	(170,129)	(172,000)	(182,400)
Total Personnel Costs	3,684,931	3,782,091	4,150,448
Supplies	418,264	461,196	464,692
Services	286,093	283,894	223,509
Other Charges	242,261	53,688	124,774
Total	\$4,631,550	\$4,580,869	\$4,963,424

PSS Grounds Maintenance (568800)

Salaries & Wages	\$1,994,817	\$2,228,580	\$2,327,691
Employee Benefits	964,812	1,000,793	1,137,386
Capital Credit & Labor To/From Others	(656,839)	(650,000)	(582,000)
Total Personnel Costs	2,302,790	2,579,374	2,883,077
Supplies	78,958	125,830	178,242
Services	667,340	1,550,656	739,156
Other Charges	47,700	45,486	55,580
Total	\$3,096,788	\$4,301,346	\$3,856,055

Total Shared Services Section	\$20,580,662	\$27,919,360	\$31,821,207
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SHARED SERVICES Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title						
05820	Utilities Econ, Sr.	-	1.00	1.00	\$0	\$153,153	\$155,159
07200	Project Manager	1.00	1.00	1.00	152,128	138,025	139,921
07370	Administrative Assistant	3.00	4.00	4.00	279,059	376,348	387,365
07380	Office Administrator	1.00	1.00	1.00	107,229	117,912	123,681
08020	Community Relations Spec.	1.00	2.00	2.00	120,237	252,109	263,979
08150	Power Section Asst Manager I	2.00	2.00	2.00	487,472	503,659	512,729
08160	Power Section Manager	1.00	1.00	1.00	304,004	331,194	351,673
08170	Power Section Asst Manager II	2.00	1.00	1.00	557,446	284,262	288,672
11090	Management Analyst I	3.00	4.00	4.00	280,812	427,786	444,932
11200	Management Analyst II	5.00	3.00	3.00	584,528	393,495	406,170
11350	Management Analyst III	1.00	2.00	2.00	156,349	305,773	324,207
12110	Community Relations Officer	1.00	1.00	1.00	134,686	143,597	148,167
20120	Engineering Tech III	1.00	1.00	1.00	120,709	127,636	130,787
20930	Environmental Specialist, Senior	-	2.00	2.00	0	292,996	298,168
21320	Power Engineer II	2.00	2.00	2.00	281,635	298,606	310,131
21330	Power Engineer III	1.00	1.00	1.00	171,374	177,089	180,022
50400	Grounds Maint Worker	10.00	10.00	10.00	944,317	1,012,268	1,039,742
50410	Grounds Maint Crew Leader	4.00	4.00	4.00	454,414	482,814	494,909
50420	Grounds Maint Supv	1.00	1.00	1.00	140,601	147,966	152,721
51230	Power Analyst	1.00	-	-	143,098	0	0
51450	Heating/AC Maint Mech Supv	1.00	1.00	1.00	143,871	148,277	157,179
52010	Carpenter	-	1.00	1.00	0	114,779	117,682
52020	Carpenter Crew Leader	-	1.00	1.00	0	127,240	130,365
52050	Painter Industrial	-	2.00	2.00	0	226,152	234,385
52060	Painter Crew Leader	-	1.00	1.00	0	121,033	124,063
52360	Electrician	2.00	1.00	1.00	242,842	127,060	130,960
52370	Electrician, Lead	-	1.00	1.00	0	141,204	145,491
52490	Power Supervisor III	1.00	2.00	2.00	181,989	363,793	377,656
52510	Power Supervisor II	4.00	5.00	5.00	670,379	917,451	941,920
53100	Fabrication Welder	-	2.00	2.00	0	235,363	240,826
53120	Machinist	-	1.00	1.00	0	115,951	118,649
60020	Custodian	15.00	15.00	15.00	1,168,422	1,262,226	1,300,885
60050	Building Maint Worker	3.00	3.00	3.00	288,641	307,112	315,948
60060	Building Maint Supv Asst	3.00	3.00	3.00	336,668	356,829	365,755
60080	Facilities Maint Mechanic	3.00	3.00	3.00	341,416	353,667	364,665
60100	Building Maint Supv	1.00	1.00	1.00	138,925	146,254	149,736
Sub-Total		74.00	87.00	87.00	\$8,933,250	\$11,031,080	\$11,369,303

Temporary Employees:

50010	Laborer	1.25	0.50	0.50	64,980	23,289	23,711
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FTE Total Shared Services		75.25	87.50	87.50	\$8,998,230	\$11,054,370	\$11,393,014
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TACOMA POWER	2017-18	2019-20	2021-22
Rates, Planning & Analysis	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$4,326,269	\$5,713,670	\$6,317,864
Employee Benefits	1,468,427	1,852,198	2,190,974
Capital Credit & Labor To/From Others	111,942	0	0
Total Personnel Costs	5,906,638	7,565,868	8,508,838
Supplies	110,077	80,224	117,640
Services	818,542	1,257,824	600,350
Other Charges	739,960	1,149,103	786,702

Total Operation & Maintenance	\$7,575,216	\$10,053,019	\$10,013,531
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RPA Management (560500)

Salaries & Wages	\$632,270	\$837,346	\$865,852
Employee Benefits	177,776	251,549	281,878
Capital Credit & Labor To/From Others	(10,725)	0	0
Total Personnel Costs	799,321	1,088,894	1,147,730
Supplies	20,513	22,100	45,521
Services	153,901	110,000	29,300
Other Charges	82,749	125,135	79,021

Total	\$1,056,483	\$1,346,129	\$1,301,572
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Construction Project Management Office (560501)

Salaries & Wages		\$820,741	\$877,795
Employee Benefits		257,460	293,692
Capital Credit & Labor To/From Others		0	0
Total Personnel Costs	0	1,078,201	1,171,488
Supplies		18,204	15,921
Services		136,200	0
Other Charges		545,050	57,445

Total	\$0	\$1,777,655	\$1,244,854
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TACOMA POWER	2017-18	2019-20	2021-22
Rates, Planning & Analysis	Biennium Actual	Biennium Budget	Biennium Budget

Financial & Business Planning (563000)

Salaries & Wages	\$2,334,022	\$548,223	\$642,797
Employee Benefits	809,500	214,856	257,274
Capital Credit & Labor To/From Others	14,292	0	0
Total Personnel Costs	3,157,814	763,078	900,072
Supplies	69,926	5,340	6,521
Services	398,369	0	2,800
Other Charges	489,852	311	327,110
Total	\$4,115,961	\$768,729	\$1,236,502

Strategic Asset Management (563001)

Salaries & Wages		\$1,261,912	\$1,484,023
Employee Benefits		414,785	545,096
Capital Credit & Labor To/From Others	(650)	0	0
Total Personnel Costs	(650)	1,676,697	2,029,119
Supplies		15,040	21,942
Services		537,000	292,000
Other Charges		169,963	117,797
Total	(\$650)	\$2,398,700	\$2,460,858

Energy Risk Management (565100)

Salaries & Wages	\$840,355	\$867,868	\$887,454
Employee Benefits	296,627	271,018	298,906
Capital Credit & Labor To/From Others	106,267	0	0
Total Personnel Costs	1,243,249	1,138,885	1,186,360
Supplies	14,283	11,100	13,701
Services	40,191	63,225	25,250
Other Charges	132,221	233,460	149,014
Total	\$1,429,944	\$1,446,670	\$1,374,325

TACOMA POWER	2017-18	2019-20	2021-22
Rates, Planning & Analysis	Biennium Actual	Biennium Budget	Biennium Budget

Rates & Forecasting (565800)

Salaries & Wages	\$519,622	\$1,377,582	\$1,559,943
Employee Benefits	184,524	442,531	514,127
Capital Credit & Labor To/From Others	2,757	0	0
Total Personnel Costs	706,903	1,820,113	2,074,070
Supplies	5,355	8,440	14,035
Services	226,081	411,399	251,000
Other Charges	35,137	75,184	56,315
Total	\$973,477	\$2,315,136	\$2,395,420

Total Rates, Planning & Analysis Section	\$7,575,216	\$10,053,019	\$10,013,531
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RATES, PLANNING & ANALYSIS Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title						
05800	Utilities Economist	-	2.00	2.00	\$0	\$283,335	\$287,875
05820	Utilities Economist, Sr.	1.00	3.00	3.00	185,523	533,802	542,007
07370	Administrative Assistant	1.00	1.00	1.00	80,206	95,282	100,202
07380	Office Administrator	1.00	1.00	1.00	117,453	108,940	115,637
08150	Power Section Asst Manager I	2.00	2.00	2.00	469,061	494,724	510,863
08160	Power Section Manager	1.00	1.00	1.00	354,461	360,481	365,730
08170	Power Section Asst Manager II	2.00	2.00	2.00	496,656	512,616	519,792
11200	Management Analyst II	3.00	3.00	3.00	351,035	388,613	405,064
11350	Management Analyst III	4.00	3.00	3.00	566,321	471,784	488,352
51230	Power Analyst	3.00	3.00	3.00	519,835	541,717	556,698
51280	Power Analyst Sr	3.00	1.00	1.00	535,206	198,146	203,657
52510	Power Supervisor II	1.00	1.00	1.00	168,848	184,779	188,609

FTE Total Rates, Planning & Analysis	22.00	23.00	23.00	\$3,844,604	\$4,174,220	\$4,284,486
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TACOMA POWER	2017-18	2019-20	2021-22
Transmission & Distribution	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$72,256,817	\$78,958,188	\$81,939,811
Employee Benefits	25,015,092	25,781,412	29,669,049
Capital Credit & Labor To/From Others	(26,221,467)	(26,345,657)	(28,484,753)
Total Personnel Costs	71,050,442	78,393,942	83,124,107
Supplies	78,668	(257,920)	81,840
Services	10,480,771	16,185,734	13,250,867
Other Charges	(1,727,976)	(900,019)	508,083
Assessments	391,670	0	0
Taxes	70,545	74,000	170,000

Total Operation & Maintenance	\$80,344,119	\$93,495,737	\$97,134,898
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TD Administration (563100)

Salaries & Wages	\$730,754	\$1,085,067	\$1,289,029
Employee Benefits	199,531	369,311	496,096
Capital Credit & Labor To/From Others	25,083	0	0
Total Personnel Costs	955,368	1,454,378	1,785,125
Supplies	9,296	14,050	17,829
Services	85,525	589,781	112,970
Other Charges	128,440	85,266	83,842
Total	\$1,178,629	\$2,143,475	\$1,999,766

TD Safety (563600)

Salaries & Wages	\$267,884	\$290,763	\$276,873
Employee Benefits	89,019	88,155	98,014
Capital Credit & Labor To/From Others	(2,347)	0	0
Total Personnel Costs	354,556	378,919	374,887
Supplies	195,375	177,148	197,123
Services	17,378	109,526	27,931
Other Charges	25,264	44,142	20,627
Total	\$592,572	\$709,735	\$620,568

TACOMA POWER	2017-18	2019-20	2021-22
Transmission & Distribution	Biennium Actual	Biennium Budget	Biennium Budget

TD Standards & Materials (561700)

Salaries & Wages	\$526,239		
Employee Benefits	181,114		
Capital Credit & Labor To/From Others	(922)		
Total Personnel Costs	706,431	0	0
Supplies	9,779		
Services	4,291		
Other Charges	7,411		
Total	\$727,912	\$0	\$0

TD Line Clearance Tree Trimming (563302)

Salaries & Wages	\$1,789,253	\$1,954,878	\$1,959,688
Employee Benefits	668,096	664,266	775,765
Capital Credit & Labor To/From Others	56,849	(26,454)	(10,000)
Total Personnel Costs	2,514,198	2,592,691	2,725,452
Supplies	47,709	33,912	35,995
Services	3,980,803	4,977,646	5,102,039
Other Charges	12,832	20,690	15,687
Total	\$6,555,542	\$7,624,939	\$7,879,173

TD C & M Line Operations (563400)

Salaries & Wages	\$20,405,561	\$22,138,067	\$22,553,153
Employee Benefits	6,417,765	6,387,644	7,303,733
Capital Credit & Labor To/From Others	(14,456,756)	(16,908,842)	(17,681,606)
Total Personnel Costs	12,366,570	11,616,869	12,175,279
Supplies	(1,561,528)	(2,021,586)	(2,065,152)
Services	3,545,829	4,264,655	4,794,614
Other Charges	40,344	76,745	94,712
Total	\$14,391,214	\$13,936,683	\$14,999,454

TACOMA POWER	2017-18	2019-20	2021-22
Transmission & Distribution	Biennium Actual	Biennium Budget	Biennium Budget

TD Trouble Crews (565900)

Salaries & Wages	\$2,084,365	\$2,292,433	\$2,427,675
Employee Benefits	632,091	634,897	749,458
Capital Credit & Labor To/From Others	4,314	(96,892)	(99,040)
Total Personnel Costs	2,720,771	2,830,439	3,078,094
Supplies	27,703	60,904	62,721
Services	273,772	339,705	341,432
Other Charges	19,415	10,945	7,293
Total	\$3,041,660	\$3,241,993	\$3,489,539

TD System Maintenance & Substations (563300)

Salaries & Wages	\$12,578,151	\$13,018,001	\$12,675,451
Employee Benefits	4,267,188	4,270,321	4,515,171
Capital Credit & Labor To/From Others	(4,479,181)	(2,577,382)	(2,183,735)
Total Personnel Costs	12,366,158	14,710,941	15,006,887
Supplies	475,113	513,359	726,636
Services	1,353,079	2,398,543	1,276,609
Other Charges	515,861	548,706	577,942
Taxes	70,545	74,000	170,000
Total	\$14,780,755	\$18,245,549	\$17,758,075

TD Line Maintenance Planning (563301)

Salaries & Wages	\$568,201	\$661,501	\$694,913
Employee Benefits	226,099	225,514	261,821
Capital Credit & Labor To/From Others	(80,073)	(549,960)	(641,940)
Total Personnel Costs	714,228	337,055	314,795
Supplies	32,247	16,404	19,369
Services	79,206	344,449	139,954
Other Charges	11,129	39,663	26,346
Total	\$836,810	\$737,571	\$500,464

TACOMA POWER	2017-18	2019-20	2021-22
Transmission & Distribution	Biennium Actual	Biennium Budget	Biennium Budget

TD Asset Management (563303)

Salaries & Wages	\$344,645	\$657,163	\$702,849
Employee Benefits	136,658	235,886	268,082
Capital Credit & Labor To/From Others	8,471	0	0
Total Personnel Costs	489,774	893,049	970,931
Supplies	4,094	6,224	6,169
Services	31,889	10,160	10,000
Other Charges	39,851	135,670	106,297
Total	\$565,607	\$1,045,103	\$1,093,396

TD HFC Network Construction (562700)

Salaries & Wages	\$1,121,604	\$1,191,966	\$1,586,440
Employee Benefits	470,402	474,295	714,137
Capital Credit & Labor To/From Others	(514,115)	(645,532)	(100,000)
Total Personnel Costs	1,077,892	1,020,729	2,200,577
Supplies	94,488	118,416	137,213
Services	326,602	630,907	444,783
Other Charges	27,293	466	19,420
Total	\$1,526,275	\$1,770,518	\$2,801,993

TD HFC Network Engineering (562800)

Salaries & Wages	\$485,107	\$549,759	\$564,585
Employee Benefits	209,815	211,197	245,071
Capital Credit & Labor To/From Others	(121,998)	(248,940)	(40,000)
Total Personnel Costs	572,924	512,016	769,656
Supplies	6,007	6,444	6,519
Services	198,750	137,546	76,225
Other Charges	28,786	53,458	57,212
Total	\$806,467	\$709,464	\$909,612

TACOMA POWER	2017-18	2019-20	2021-22
Transmission & Distribution	Biennium Actual	Biennium Budget	Biennium Budget

TD Utility Staff Support (560300)

Salaries & Wages	\$2,391,625	\$2,857,872	\$2,508,372
Employee Benefits	1,052,625	1,183,372	1,206,399
Capital Credit & Labor To/From Others	(74,391)	(97,728)	(90,454)
Total Personnel Costs	3,369,859	3,943,516	3,624,318
Supplies	84,966	115,406	136,635
Services	64,337	31,502	62,800
Other Charges	35,662	59,072	10,947
Total	\$3,554,824	\$4,149,496	\$3,834,700

TD Electrical Inspection (562200)

Salaries & Wages	\$2,007,867	\$2,318,017	\$2,229,190
Employee Benefits	794,947	836,553	894,531
Capital Credit & Labor To/From Others	25,742	0	(107,478)
Total Personnel Costs	2,828,555	3,154,570	3,016,243
Supplies	40,012	28,266	26,700
Services	76,433	93,787	92,929
Other Charges	137,510	8,208	136,278
Total	\$3,082,510	\$3,284,831	\$3,272,150

TD Meter, Relay & Line Services (563700)

Salaries & Wages	\$4,266,803	\$5,013,546	\$4,716,100
Employee Benefits	1,539,748	1,736,410	1,833,820
Capital Credit & Labor To/From Others	(197,472)	(118,000)	(2,410,500)
Total Personnel Costs	5,609,079	6,631,956	4,139,420
Supplies	194,947	176,860	134,680
Services	182,852	950,902	164,252
Other Charges	(726,863)	(319,444)	89,730
Total	\$5,260,015	\$7,440,274	\$4,528,082

TACOMA POWER	2017-18	2019-20	2021-22
Transmission & Distribution	Biennium Actual	Biennium Budget	Biennium Budget

TD New Services Engineering (569700)

Salaries & Wages	\$2,794,601	\$2,503,725	\$2,645,082
Employee Benefits	968,154	873,572	1,015,475
Capital Credit & Labor To/From Others	(1,740,252)	(1,800,000)	(1,800,000)
Total Personnel Costs	2,022,503	1,577,297	1,860,557
Supplies	(63,728)	(48,434)	24,353
Services	42,788	75,772	44,198
Other Charges	29,730	48,323	21,794
Total	\$2,031,293	\$1,652,958	\$1,950,902

TD Engineering Products & Services (560800)

Salaries & Wages	\$2,955,543	\$3,422,722	\$3,695,030
Employee Benefits	1,304,467	1,411,780	1,687,996
Capital Credit & Labor To/From Others	(616,856)	(680,000)	(680,000)
Total Personnel Costs	3,643,155	4,154,502	4,703,026
Supplies	46,244	35,028	45,282
Services	11,114	5,000	4,200
Other Charges	84,723	168,190	145,648
Total	\$3,785,236	\$4,362,720	\$4,898,156

TD Protection & Control Engineering (562900)

Salaries & Wages	\$1,761,557	\$1,705,661	\$1,847,768
Employee Benefits	636,154	576,617	685,677
Capital Credit & Labor To/From Others	(1,082,603)	(329,288)	(430,000)
Total Personnel Costs	1,315,108	1,952,990	2,103,445
Supplies	21,519	19,276	20,261
Services	16,846	420	200
Other Charges	69,694	88,627	54,332
Total	\$1,423,167	\$2,061,313	\$2,178,238

TACOMA POWER	2017-18	2019-20	2021-22
Transmission & Distribution	Biennium Actual	Biennium Budget	Biennium Budget

TD Projects and Services (564700)

Salaries & Wages	\$1,608,074	\$1,167,037	\$1,563,047
Employee Benefits	532,465	355,238	516,151
Capital Credit & Labor To/From Others	(927,201)	(300,000)	(350,000)
Total Personnel Costs	1,213,338	1,222,275	1,729,198
Supplies	15,983	13,172	11,915
Services	2,611	100	5,000
Other Charges	20,396	11,750	8,802
Total	\$1,252,328	\$1,247,297	\$1,754,915

TD Substation Engineering (568200)

Salaries & Wages	\$917,681	\$1,303,124	\$1,425,998
Employee Benefits	316,416	424,171	502,230
Capital Credit & Labor To/From Others	(363,262)	(277,532)	(350,000)
Total Personnel Costs	870,835	1,449,762	1,578,228
Supplies	15,435	15,940	16,415
Services	24,852	300	100
Other Charges	41,753	73,521	28,430
Total	\$952,875	\$1,539,523	\$1,623,173

TD Central Business District Engr (568500)

Salaries & Wages	\$532,658	\$567,385	\$583,638
Employee Benefits	176,299	179,077	202,490
Capital Credit & Labor To/From Others	(399,623)	(520,000)	(360,000)
Total Personnel Costs	309,334	226,462	426,128
Supplies	6,553	6,536	7,546
Services	0	0	0
Other Charges	1,993	11,127	14,762
Total	\$317,880	\$244,125	\$448,435

TACOMA POWER	2017-18	2019-20	2021-22
Transmission & Distribution	Biennium Actual	Biennium Budget	Biennium Budget

TD Line Engineering (569600)

Salaries & Wages	\$1,121,771	\$2,108,218	\$1,889,217
Employee Benefits	384,848	683,015	682,978
Capital Credit & Labor To/From Others	(812,872)	(1,147,829)	(1,150,000)
Total Personnel Costs	693,747	1,643,404	1,422,195
Supplies	12,101	19,344	20,061
Services	7,099	11,589	5,254
Other Charges	21,597	53,189	67,462
Total	\$734,543	\$1,727,526	\$1,514,972

TD System Operations (565300)

Salaries & Wages	\$6,602,060	\$7,535,734	\$8,581,348
Employee Benefits	2,100,042	2,226,689	2,746,466
Capital Credit & Labor To/From Others	(79,685)	(21,278)	0
Total Personnel Costs	8,622,417	9,741,144	11,327,814
Supplies	81,876	107,350	153,454
Services	105,441	270,197	497,924
Other Charges	215,034	125,664	1,040,586
Total	\$9,024,768	\$10,244,355	\$13,019,778

TD System Planning & Analysis (569500)

Salaries & Wages	\$1,403,448	\$1,851,927	\$1,952,123
Employee Benefits	436,551	552,162	622,020
Capital Credit & Labor To/From Others	(387,707)	0	0
Total Personnel Costs	1,452,292	2,404,089	2,574,143
Supplies	11,964	13,091	17,638
Services	12,839	900,107	0
Other Charges	92,337	69,214	442,489
Total	\$1,569,432	\$3,386,501	\$3,034,270

TACOMA POWER	2017-18	2019-20	2021-22
Transmission & Distribution	Biennium Actual	Biennium Budget	Biennium Budget

TD Tool & Equipment Rooms (567700)

Salaries & Wages	\$149,687	\$159,006	\$176,039
Employee Benefits	67,721	67,757	80,665
Capital Credit & Labor To/From Others	3,097	0	0
Total Personnel Costs	220,505	226,763	256,704
Supplies	3,918	3,868	5,123
Services	771	0	1,766
Other Charges	517	2,800	0
Total	\$225,711	\$233,431	\$263,593

TD Business & Financial Mgmt (569400)

Salaries & Wages	\$1,272,934	\$1,034,707	\$1,717,783
Employee Benefits	485,597	418,184	733,686
Capital Credit & Labor To/From Others	906	0	0
Total Personnel Costs	1,759,436	1,452,891	2,451,470
Supplies	259,569	283,178	291,893
Services	1,499	280	280
Other Charges	42,562	20,010	17,853
Total	\$2,063,067	\$1,756,359	\$2,761,495

TD Warehouse (578700)

Salaries & Wages	\$1,568,744	\$1,569,908	\$1,678,418
Employee Benefits	721,280	695,329	831,118
Capital Credit & Labor To/From Others	(8,612)	0	0
Total Personnel Costs	2,281,412	2,265,237	2,509,537
Supplies	7,026	27,924	25,463
Services	34,166	42,860	45,407
Other Charges	(2,651,246)	(2,336,021)	(2,580,407)
Assessments	391,670	0	0
Total	\$63,027	\$0	\$0

Total Transmission & Distribution Section	\$80,344,119	\$93,495,737	\$97,134,898
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TRANSMISSION & DISTRIBUTION Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title						
00060	Office Assistant	3.00	2.00	2.00	\$244,942	\$165,840	\$169,351
03010	Warehouse Tech	6.00	6.00	6.00	575,469	631,787	649,146
03020	Warehouse Tech Sr.	3.00	3.00	3.00	314,969	345,531	352,219
05040	Financial Assistant	2.00	3.00	3.00	188,760	296,696	303,685
06130	Utility Services Rep	11.00	10.00	10.00	1,160,347	1,137,498	1,166,286
06140	Utilities Service Rep Supervisor	1.00	2.00	2.00	138,952	292,544	299,499
06170	Utility Service Specialist	5.00	4.00	4.00	728,425	649,026	669,525
07370	Administrative Assistant	4.00	4.00	4.00	361,500	377,724	393,709
07380	Office Administrator	2.00	2.00	2.00	234,905	242,729	247,362
08150	Power Section Asst Manager I	4.00	4.00	4.00	937,040	931,002	979,177
08160	Power Section Manager	1.00	1.00	1.00	332,502	354,076	365,730
08170	Power Section Asst Manager II	4.00	4.00	4.00	1,040,721	1,132,230	1,156,004
11090	Management Analyst I	3.00	4.00	4.00	300,162	423,381	431,602
11200	Management Analyst II	4.00	3.00	3.00	457,321	368,511	385,490
11350	Management Analyst III	3.00	4.00	4.00	459,103	607,731	630,837
20040	Engr Technician IV	4.00	5.00	5.00	520,859	663,396	680,712
20100	Engr Technician I	4.00	-	-	387,725	0	0
20110	Engr Technician II	7.00	10.00	10.00	768,702	1,138,635	1,173,905
20120	Engr Technician III	6.00	6.00	6.00	720,286	762,791	781,627
21250	Electrical Inspector	8.00	7.00	7.00	1,072,901	1,010,106	1,042,306
2125A	Electrical Inspector 6.3%	2.00	2.00	2.00	288,132	308,186	317,387
21310	Power Engineer I	4.00	1.00	1.00	512,366	132,539	140,654
21320	Power Engineer II	2.00	5.00	5.00	268,230	692,143	722,073
21330	Power Engineer III	14.00	15.00	15.00	2,343,082	2,622,537	2,683,324
21340	Power Engineer IV	9.00	10.00	10.00	1,754,022	2,020,912	2,069,204
50030	Trans & Distrib Flagger	1.00	1.00	1.00	78,777	86,044	88,876
51160	Substation Oper Sr	4.00	3.00	3.00	569,511	456,624	471,592
51190	Systems Pwr Dispatch Cand	2.00	7.00	7.00	296,788	948,200	989,591
51200	Systems Pwr Dispatch Generation	6.00	11.00	11.00	1,039,319	2,011,642	2,070,537
5120B	Systems Pwr Dispatch 90.94% Dist	8.00	1.00	1.00	1,251,709	162,413	167,245
5120C	Systems Pwr Dispatch 108.06% Coord	3.00	3.00	3.00	555,839	590,229	607,606
52300	Electrical Meter & Relay Tech	7.00	4.00	4.00	980,324	599,771	619,042
52301	Elec Meter & Rel-Adv Trng 1%	1.00	-	-	141,623	0	0
52305	Elec Meter & Rel-Adv Trng 5%	-	1.00	1.00	0	156,589	161,264
52308	Elec Meter & Rel-Adv Trng 14.25%	8.00	6.00	6.00	1,277,268	1,023,015	1,053,268
52309	Elec Meter & Rel-Adv Trng 25%	3.00	1.00	1.00	520,109	185,139	190,540
52380	Tool & Equip Room Coord	1.00	1.00	1.00	113,775	122,497	127,281
52400	Electrical Worker	-	1.00	1.00	0	106,571	114,131
5241A	Line Electrician Appr Stp1-7	15.00	9.00	9.00	1,779,565	1,133,834	1,192,901
5242A	Elec Meter & Relay Tech Appren	-	5.00	5.00	0	622,142	651,676
5243A	Wire Electrician, Appr	13.00	5.00	5.00	1,555,060	615,441	649,545
52450	Wire Electrician	19.00	24.25	24.25	2,720,210	3,703,562	3,820,911
52460	Wire Electrician, Sr	19.00	15.75	15.75	3,011,998	2,664,111	2,745,821
52480	Power Supervisor I	4.00	4.00	4.00	594,386	583,208	593,048

TRANSMISSION & DISTRIBUTION Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title						
52490	Power Supervisor III	16.00	15.00	15.00	3,183,391	3,143,781	3,223,263
52510	Power Supervisor II	3.00	4.00	4.00	541,989	706,097	717,188
52520	Trans & Distrib Arborist	1.00	1.00	1.00	146,896	157,010	163,025
52530	Line Clear Tree Trimmer	6.00	5.00	5.00	761,090	683,974	708,085
5254C	Line Clear Tree Trimmer, Sr 3% ISA	2.00	2.00	2.00	284,940	304,772	313,904
52550	Line Electrician	36.00	39.75	39.75	5,208,541	6,140,486	6,329,348
5255B	Line Electrician 6% Trouble Crew	6.00	-	-	930,811	0	0
5255D	Line Electrician 10% Trouble Crew	-	6.00	6.00	0	1,013,357	1,046,216
52560	Line Equipment Operator	9.00	9.00	9.00	1,107,906	1,184,646	1,220,767
52570	Line Electrician Sr	19.00	17.75	17.75	3,065,084	3,051,594	3,141,546
55160	Telecom Utility Worker	2.00	-	-	153,291	0	0
55390	Telecom Plan & Design Tech	2.00	2.00	2.00	229,964	242,267	246,888
55400	Network Construction Tech	4.00	7.00	7.00	472,185	778,097	802,843
5540A	Network Construction Tech +10%	-	1.00	1.00	0	121,386	124,886

Sub-Total	336.00	329.50	329.50	\$48,683,776	\$50,606,048	\$52,163,645
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Project Employees:

11090 Management Analyst I	-	1.00	1.00	0	90,794	92,418
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FTE Total Transmission & Distribution	336.00	330.50	330.50	\$48,683,776	\$50,696,842	\$52,256,063
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TACOMA POWER	2017-18	2019-20	2021-22
Utility Technology Services	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$15,606,156	\$21,571,817	\$25,471,391
Employee Benefits	5,624,956	7,406,300	9,613,853
Capital Credit & Labor To/From Others	(8,352,383)	(9,230,342)	(14,745,281)
Total Personnel Costs	12,878,728	19,747,776	20,339,963
Supplies	1,463,749	1,758,808	2,014,174
Services	5,925,688	9,048,227	8,460,970
Other Charges	2,998,884	5,706,072	8,541,910

Total Operation & Maintenance	\$23,267,049	\$36,260,883	\$39,357,017
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UTS Desktop Support (560100)

Salaries & Wages	\$1,506,614	\$1,662,058	\$1,867,829
Employee Benefits	645,040	723,746	885,633
Capital Credit & Labor To/From Others	(2,375,183)	(2,707,557)	(2,753,462)
Total Personnel Costs	(223,528)	(321,753)	0
Supplies	5,402	150,604	105,367
Services	1,535,434	1,645,073	1,749,710
Other Charges	3,538	164,500	146,417

Total	\$1,320,845	\$1,638,424	\$2,001,494
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UTS Project Management Office (562600)

Salaries & Wages	\$1,501,264	\$1,989,219	\$1,448,274
Employee Benefits	535,747	667,254	501,141
Capital Credit & Labor To/From Others	(788,461)	(979,500)	(316,200)
Total Personnel Costs	1,248,551	1,676,973	1,633,214
Supplies	54,985	31,948	20,585
Services	977,687	676,000	398,000
Other Charges	91,180	105,800	28,000

Total	\$2,372,402	\$2,490,721	\$2,079,799
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TACOMA POWER	2017-18	2019-20	2021-22
Utility Technology Services	Biennium Actual	Biennium Budget	Biennium Budget

UTS Networking, Telecom & Transport Services (563200)

Salaries & Wages	\$3,583,370	\$2,651,928	\$3,038,715
Employee Benefits	1,269,813	885,294	1,118,386
Capital Credit & Labor To/From Others	(2,039,958)	(549,570)	(793,642)
Total Personnel Costs	2,813,226	2,987,652	3,363,459
Supplies	469,832	148,516	363,988
Services	170,116	1,051,682	157,238
Other Charges	311,032	1,369,299	1,347,907
Total	\$3,764,206	\$5,557,149	\$5,232,592

UTS Operational Information Systems (564300)

Salaries & Wages	\$1,463,741	\$2,082,964	\$2,193,397
Employee Benefits	542,749	671,307	785,857
Capital Credit & Labor To/From Others	(522,975)	82,685	(163,200)
Total Personnel Costs	1,483,515	2,836,956	2,816,054
Supplies	92,309	28,944	31,656
Services	160,868	250,000	100,000
Other Charges	691,740	722,187	1,215,778
Total	\$2,428,432	\$3,838,087	\$4,163,488

UTS AMI Program Office (564301)

Salaries & Wages		\$1,287,130	\$3,147,507
Employee Benefits		418,906	1,225,163
Capital Credit & Labor To/From Others		(3,416,764)	(4,372,669)
Total Personnel Costs	0	(1,710,728)	0
Supplies		27,008	105,430
Services		2,568,128	2,545,845
Other Charges		786,156	1,845,876
Total	\$0	\$1,670,564	\$4,497,151

TACOMA POWER	2017-18	2019-20	2021-22
Utility Technology Services	Biennium Actual	Biennium Budget	Biennium Budget

UTS Cybersecurity Systems (564600)

Salaries & Wages	\$1,103,329	\$2,234,172	\$2,328,298
Employee Benefits	403,280	785,415	909,681
Capital Credit & Labor To/From Others	(415,418)	(450,318)	(2,823,087)
Total Personnel Costs	1,091,191	2,569,269	414,892
Supplies	129,757	37,600	68,870
Services	81,925	735,000	1,908,617
Other Charges	335,394	348,950	563,110
Total	\$1,638,267	\$3,690,819	\$2,955,489

UTS Administration (564900)

Salaries & Wages	\$1,523,885	\$2,864,005	\$3,245,378
Employee Benefits	442,927	897,382	1,120,229
Capital Credit & Labor To/From Others	(189,080)	0	0
Total Personnel Costs	1,777,731	3,761,387	4,365,607
Supplies	271,078	114,540	86,500
Services	880,888	936,000	187,125
Other Charges	184,788	478,799	434,950
Total	\$3,114,485	\$5,290,726	\$5,074,181

UTS Analytics & Data Management (564901)

Salaries & Wages			\$1,105,833
Employee Benefits			397,647
Capital Credit & Labor To/From Others			(1,503,480)
Total Personnel Costs	0	0	0
Supplies			11,228
Services			533,175
Other Charges			693,659
Total	\$0	\$0	\$1,238,062

TACOMA POWER	2017-18	2019-20	2021-22
Utility Technology Services	Biennium Actual	Biennium Budget	Biennium Budget

UTS Energy Management Systems (565301)

Salaries & Wages	\$1,071,634	\$592,802	\$729,776
Employee Benefits	347,947	179,053	277,469
Capital Credit & Labor To/From Others	(623,028)	(50,271)	0
Total Personnel Costs	796,552	721,584	1,007,245
Supplies	117,508	6,936	14,629
Services	1,381,843	400,000	50,000
Other Charges	392,837	70,325	190,587
Total	\$2,688,740	\$1,198,845	\$1,262,461

UTS Service Desk (566200)

Salaries & Wages	\$445,671		
Employee Benefits	205,120		
Capital Credit & Labor To/From Others	(698,563)		
Total Personnel Costs	(47,773)	0	0
Supplies	422		
Services	398,306		
Other Charges	47,699		
Total	\$398,655	\$0	\$0

UTS Service Management Office (566300)

Salaries & Wages		\$1,219,643	\$1,172,960
Employee Benefits		450,130	446,754
Capital Credit & Labor To/From Others		0	0
Total Personnel Costs	0	1,669,773	1,619,714
Supplies		1,033,934	937,951
Services		132,700	240,000
Other Charges		183,822	123,064
Total	\$0	\$3,020,229	\$2,920,729

TACOMA POWER	2017-18	2019-20	2021-22
Utility Technology Services	Biennium Actual	Biennium Budget	Biennium Budget

UTS Network & Communications System Engineering (568000)

Salaries & Wages	\$1,879,834	\$3,268,458	\$3,782,284
Employee Benefits	668,786	1,111,977	1,398,861
Capital Credit & Labor To/From Others	(566,273)	(689,570)	(1,875,466)
Total Personnel Costs	1,982,347	3,690,865	3,305,679
Supplies	254,135	157,684	217,273
Services	102,689	151,100	1,011
Other Charges	240,146	176,914	684,782
Total	\$2,579,316	\$4,176,563	\$4,208,744

UTS Operational Application User Support (569800)

Salaries & Wages	\$1,526,814	\$1,719,439	\$1,411,141
Employee Benefits	563,546	615,836	547,032
Capital Credit & Labor To/From Others	(133,443)	(469,477)	(144,075)
Total Personnel Costs	1,956,917	1,865,797	1,814,098
Supplies	68,322	21,094	50,700
Services	235,932	502,544	590,250
Other Charges	700,531	1,299,320	1,267,780
Total	\$2,961,701	\$3,688,755	\$3,722,827

Total Utility Technology Services Section	\$23,267,049	\$36,260,883	\$39,357,017
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UTILITY TECHNOLOGY SERVICES Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title						
01180	Info Tech Helpdesk Specialist	2.00	4.00	4.00	\$180,999	\$387,697	\$398,972
01240	Computer Support Technician	6.00	6.00	6.00	627,377	644,893	663,518
01470	Data Architecture Manager	-	2.00	2.00	0	366,207	376,728
01510	IT Analyst, Senior	2.00	1.25	1.25	259,750	187,163	190,350
01520	IT Analyst, Senior Technical	1.00	3.00	3.00	124,259	417,576	430,320
01600	Integration Developer	-	1.00	1.00	0	170,020	172,886
05040	Financial Assistant	-	2.00	2.00	0	194,245	200,404
07070	IT Project Manager	2.00	-	-	332,690	0	0
07080	IT Project Manager, Senior	2.00	3.00	3.00	357,583	552,385	561,428
07370	Administrative Assistant	3.00	1.00	1.00	268,550	93,436	99,075
08150	Power Section Asst Manager I	4.00	5.00	5.00	953,446	1,199,356	1,238,449
08160	Power Section Manager	2.00	2.00	2.00	685,425	708,962	729,426
08170	Power Section Asst Manager II	1.00	1.00	1.00	278,723	284,262	288,672
11090	Management Analyst I	1.00	2.00	2.00	105,651	199,341	205,041
11200	Management Analyst II	6.00	9.00	9.00	715,417	1,074,743	1,107,160
11350	Management Analyst III	5.00	8.00	8.00	748,364	1,266,687	1,293,784
20120	Engr Technician III	1.00	1.00	1.00	119,728	126,639	130,781
21310	Power Engineer I	-	1.00	1.00	0	114,183	115,946
21320	Power Engineer II	5.00	4.25	4.25	700,695	604,209	623,672
21330	Power Engineer III	8.00	10.25	10.25	1,336,483	1,736,865	1,783,037
21340	Power Engineer IV	7.00	6.00	6.00	1,320,412	1,216,352	1,254,315
41200	Comm System Tech II	9.00	7.75	7.75	1,307,485	1,214,393	1,250,624
41210	Comm System Tech III	5.00	6.00	6.00	782,832	995,677	1,025,210
41220	Comm System Tech I	1.00	3.00	3.00	121,110	408,232	420,672
52490	Power Supervisor III	4.00	5.00	5.00	744,552	1,046,410	1,068,376
52510	Power Supervisor II	5.00	3.00	3.00	842,396	514,991	531,714
55230	Telecom Tech Administrator	1.00	1.00	1.00	126,972	131,459	139,494
55350	Telecom Engineer	-	1.00	1.00	0	136,107	138,010
Sub-Total		83.00	99.50	99.50	\$13,040,899	\$15,992,490	\$16,438,064

UTILITY TECHNOLOGY SERVICES Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title						
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Project Employees:

07070	IT Project Manager	2.00	-	-	\$267,549	\$0	\$0
07080	IT Project Manager, Senior	1.00	-	-	143,548	0	0
07210	Project Manager, Senior	-	1.00	1.00	0	208,198	211,738
11090	Management Analyst I	1.00	2.00	2.00	87,105	209,406	217,767
11200	Management Analyst II	1.00	1.00	1.00	104,703	133,097	135,545
21310	Power Engineer I	-	1.00	1.00	0	114,183	115,946
21330	Power Engineer III	2.00	-	-	275,154	0	0
21340	Power Engineer IV	2.00	1.00	1.00	320,548	205,696	209,196
55350	Telecom Engineer	1.00	1.00	1.00	130,703	168,148	170,961

Sub-Total		10.00	7.00	7.00	\$1,329,309	\$1,038,728	\$1,061,153
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Temporary Employees:

01240	Computer Support Technician	0.50	-	-	40,840	0	0
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FTE Total Utility Technology Services		93.50	106.50	106.50	\$14,411,048	\$17,031,218	\$17,499,218
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TACOMA POWER Taxes	2017-18 Biennium Actual	2019-20 Biennium Budget	2021-22 Biennium Budget
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TAX PAYMENTS

City of Tacoma:			
Gross Earnings Tax (7.5%)	\$68,526,831	\$68,950,770	\$67,883,273
State of Washington:			
Utility & Business Tax	28,496,084	29,555,802	30,443,275
Other*			
County/Schools/Fire Protection Dist.	3,930,028	4,188,800	4,508,900
Franchise Administrative Fees	7,268,015	7,498,155	7,978,582
Click! Franchise-Like Fees	2,382,121	2,302,953	0
Subtotal	110,603,079	112,496,480	110,814,030
Anticipated Additional Revenue**			
Gross Earnings Tax (7.5%)		1,240,616	1,040,132
Utility & Business Tax		640,720	537,134
		1,881,336	1,577,266
Total Tacoma Power Taxes	\$110,603,079	\$114,377,816	\$112,391,296

Note: State Sales Tax is included in O & M Budget line items for materials.

FICA tax is included in O & M Budget line items for personnel costs/employee benefits.

* 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	2017-18	2019-20	2021-22
Debt Service	Biennium Actual	Biennium Budget	Biennium Budget

DEBT SERVICE SUMMARY

Interest	\$38,493,269	\$42,287,802	\$49,585,389
Principal	68,825,000	16,835,000	16,260,000

Total Debt Service	\$107,318,269	\$59,122,802	\$65,845,389
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DEBT SERVICE DETAIL

2010B Revenue Bonds	Interest	17,383,647	17,383,647	17,383,647
\$147,070,000	Principal	0	0	0
2010C Revenue Bonds	Interest	2,728,552	2,728,552	2,728,552
\$24,185,000	Principal	0	0	0
2013A Ref & Rev Bonds	Interest	11,366,194	8,990,450	7,785,200
\$181,610,000	Principal	48,825,000	16,835,000	0
2013B Ref & Rev Bonds	Interest	3,232,222	3,232,220	3,042,470
\$35,620,000	Principal	0	0	7,780,000
2017 Bonds	Interest	4,382,400	6,573,600	6,466,100
\$80,000,000	Principal	0	0	4,405,000
2018 Line of Credit	Interest	941,864	1,600,000	0
\$100,000,000	Principal	20,000,000	0	0
2019 Line of Credit	Interest	0	1,779,333	3,660,000
\$150,000,000	Principal	0	0	0
2021 Bonds	Interest	0	0	8,519,420
\$150,000,000 - Anticipated	Principal	0	0	4,075,000
2018 Interest During Construction		(1,541,610)	0	0

Total Debt Service	\$107,318,269	\$59,122,802	\$65,845,389
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TACOMA POWER	2019-20	2021-22
Capital Outlay	Biennium Budget	Biennium Budget

SUMMARY

Click! Network

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

General Plant

Capital Projects:	36,757,000	45,954,000
Additions and Replacements:	2,404,000	1,425,000
General Plant Total	39,161,000	47,379,000

Generation

Capital Projects:	17,950,000	28,560,000
Additions and Replacements:	4,622,000	1,758,000
Generation Total	22,572,000	30,318,000

Power Management

Capital Projects:	14,713,000	11,389,000
Power Management Total	14,713,000	11,389,000

Transmission & Distribution

Capital Projects:	9,587,000	5,041,000
Additions and Replacements:	41,492,000	42,108,000
Transmission & Distribution Total	51,079,000	47,149,000

Utility Technology Services

Capital Projects:	16,729,000	10,720,000
Additions and Replacements:	3,672,000	2,943,000
Utility Technology Services Total	20,401,000	13,663,000

Sub-Total	\$149,723,000	\$149,898,000
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Projects Funded from New Bonds	(60,051,000)	(89,661,000)
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Total Operating Fund Capital Outlay	\$89,672,000	\$60,237,000
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TACOMA POWER	2019-20	2021-22
Capital Outlay	Biennium Budget	Biennium Budget

CLICK! Network A & R

Broadband Services - Comm	\$150,000	\$0
Click! Equipment	50,000	0
Customer Related Equip - Comm	694,000	0
FTTH ONT/OLT & Cabinets	100,000	0
Headend Replace & Upgrades - Comm	150,000	0
HFC Network Infrastructure Enhancements - Power	80,000	0
Network Infill MDU - Comm	149,000	0
Network Upgrades & Replacements - Power	164,000	0
New Service Drop Capitalization - Comm	200,000	0
Node Upgrades	60,000	0
Click! Network Total	\$1,797,000	\$0

General Plant Capital Projects

2021/22 Fleet Capital	\$0	\$14,800,000
Advanced Metering Infrastructure (AMI)	24,325,000	22,918,000
Capital Funding	8,678,000	4,677,000
ECC Battery Monitoring	0	122,000
Facilities ABN Main Fan Modernization	0	878,000
Tacoma Power Storage Facility	2,945,000	0
Service Division Capital-Customer Service	223,000	94,000
TPU ABN Main Floor Data Center Power System Upgrade	186,000	0
TPU ABN West Vault Electrical Equipment Replacement	170,000	0
TPU ABS Transfer Switch Replacement	230,000	0
Tacoma Power Facility Elevator Controls Upgrade	0	2,465,000

General Plant A & R

Facilities Critical Operations Power Systems	226,000	0
General Plant	901,000	200,000
Tacoma Power Security Upgrade	1,277,000	1,225,000
General Plant Total	\$39,161,000	\$47,379,000

Generation Capital Projects

Alder Cooling Water Pipe Replacements (2" Pipe)	\$177,000	\$0
Cowlitz Falls Downstream Fish Passage	0	408,000
Cowlitz Falls Fish Facility Start-Up (Downstream Fish Passage)	927,000	0
Cowlitz Fish Release Site Development - Tilton & Upper Cowlitz	821,000	0
Cowlitz Mossyrock Dam Guard Valve and Stop Logs	0	109,000
Cowlitz Mossyrock PDS-6 Replacement	0	289,000
Cowlitz Trout Hatchery Remodel	3,500,000	4,250,000
Cushman #1 Dam ROV Replacement	2,867,000	3,250,000
Cushman #2 Spillway Gate Remote Operation	237,000	0
Cushman #2 Station Service Upgrades (EG, ATS & SWGR)	612,000	0

TACOMA POWER	2019-20	2021-22
Capital Outlay	Biennium Budget	Biennium Budget

Cushman #2 U31, U32 Unit Rebuild	0	4,250,000
Cushman Barrier Dam Repair Cont.	0	6,800,000
Cushman FSC Juvenile Fish Collector Upgrades	0	656,000
Cushman Powerhouse Cranes - Crane Upgrades	141,000	425,000
LaGrande Units 1 - 4 Excitation AC Supply Replacement	266,000	0
LaGrande Units 1 - 4 Protection Relay Replacement	223,000	0
LaGrande Downstream Fish Barrier - FERC	527,000	0
Mayfield Unit 41 Exciter Replacement	309,000	0
Mayfield Units 42, 43, 44 Generator Breaker Replacement	999,000	0
Mayfield Fish Passage Modification	1,672,000	0
Mayfield Water System Replacements & Upgrades	920,000	0
Mossyrock Dam ROV & Guard Valve Upgrades	500,000	0
Mossyrock Units 51 & 52 Generator Breakers	2,495,000	0
Nisqually Alder U11 Generator Rewind	0	8,123,000
Strong Motion Accelerometer (SMA) Replacement and Upgrade	200,000	0
Wynoochee Dam Electrical Power System Upgrade	557,000	0

Generation A & R

ADA Improvements	50,000	0
Cowlitz Project Generation	208,000	132,000
Cowlitz Project Recreation	192,000	108,000
Cushman Project Generation	200,000	127,000
Fish Facilities	1,434,000	425,000
Generation Electrical	244,000	175,000
Generation Paving	100,000	46,000
Hydro Plant Automation	268,000	340,000
Hydro Plant Mechanical	179,000	42,000
Hydro Plant Water and Sewer Systems	0	55,000
Hydro Wildlife	50,000	0
Natural Resources	50,000	51,000
Nisqually Project Generation	200,000	112,000
Nisqually Project Recreation	110,000	77,000
Plant Engineering	115,000	17,000
TPU Facility Energy Conservation	907,000	0
Water and Sewer Systems	217,000	0
Wynoochee River Project Generation	98,000	51,000

Generation Total	\$22,572,000	\$30,318,000
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Power Management Capital Projects

2019/20 Conservation Portfolio	\$14,713,000	\$0
2021/22 Conservation Portfolio	0	11,000,000
Energy Imbalance Market (EIM)	0	331,000
Energy Trading and Risk Management system (ETRM)	0	58,000
Power Management Total	\$14,713,000	\$11,389,000

TACOMA POWER	2019-20	2021-22
Capital Outlay	Biennium Budget	Biennium Budget

Transmission & Distribution Capital Projects

#6 Copper Conductor Replacement	\$1,500,000	\$1,550,000
Distribution Efficiency Program	180,000	207,000
Distribution Substation Transformer Replacement Program	2,878,000	2,145,000
Distribution System Upgrades	1,488,000	678,000
Mayfield Bank 1 Transformer Replacement	3,267,000	0
Narrows and North Bay Tower Fall Protection	0	178,000
Replace Digital Fault Recorders	0	283,000
Transmission Line Auto Sectionalizing	274,000	0

Transmission & Distribution A & R

Central Business District	2,726,000	2,981,000
Distribution Transformer Purchase	3,362,000	3,457,000
HFC Infill Construction	1,855,000	0
HFC Road Projects - Power Apps	1,029,000	433,000
Meters and Devices	919,000	2,308,000
New Services	4,823,000	3,822,000
Overhead Dist & Trans	14,998,000	14,834,000
Distribution UG/PM Switchgear Replacement	474,000	484,000
Protection & Controls	776,000	1,511,000
Rental Light	841,000	787,000
Roads / Public R/W	4,000,000	5,262,000
Substation	2,268,000	2,152,000
T&D Tools and Materials	135,000	185,000
Transmission	800,000	1,683,000
Underground	2,486,000	2,209,000
Transmission & Distribution Total	\$51,079,000	\$47,149,000

Utility Technology Services Capital Projects

Asset Analytics	\$64,081	\$0
Asset Investment Planning Software	0	695,918
Automated Fleet Fuel Management	443,168	155,479
Automated Testing	222,664	0
Avista Decision Support System Integration	500,310	0
Customer Engagement Portal	0	779,168
Facility/Comm Systems Monitoring	1,011,121	0
Financial Planning Software	0	1,020,663
ITSM/ITAM Tool Enhancements	346,701	0
Land Mobile Radio	2,045,241	0
Market Integration Tools	1,701,438	0
Physical Access Control System Replacement	0	1,331,603
Power GIS Modernization	3,830,245	3,905,951
Technology Contingency	0	0

TACOMA POWER	2019-20	2021-22
Capital Outlay	Biennium Budget	Biennium Budget
TPU Auditorium TV Tacoma Upgrade	389,286	123,160
TPU Conference Rooms Tech Refresh	302,542	0
TPU Operations Center Ph2	817,470	0
Wan Modernization	1,962,821	2,102,451
Workforce Connect	3,049,334	605,607
Workplace Giving Automation	42,578	0
<u>Utility Technology Services A & R</u>		
Analytics & Data Management	0	1,180,000
Communications	1,551,000	951,000
Cybersecurity and Resilience	636,000	194,000
System Administration	1,244,000	499,000
Telephony	241,000	119,000
Utility Technology Services Total	\$20,401,000	\$13,663,000
Total Capital Outlay	\$149,723,000	\$149,898,000



OPERATIONAL SUMMARY

OPERATIONS OF TACOMA WATER – The Division, doing business as Tacoma Water, is a division of the City of Tacoma, Washington (the City), Department of Public Utilities (the Department) and is included as an enterprise fund in the Comprehensive Annual Financial Report (CAFR) of the City. The Department consists of Tacoma Power, Tacoma Water and Tacoma Rail and is governed by a five-member Public Utility Board (the Board) appointed by the City Council. Certain matters relating to utility operations such as system expansion, issuance of bonds and fixing of utility rates and charges are initiated and executed by the Board, but also require formal City Council approval.

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 had supplied water to approximately 106,179 customers and had 260 employees as of December 31, 2020. 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.

Prior to 2020, Tacoma Water was organized as Water Distribution Engineering, Water Distribution Operations, Water Quality, Water Supply, Water Asset and Information Management, and Water Finance and Analytics. In 2020, Tacoma Water reorganized to combine groups by functions in support of a 2020-2025 strategic plan. An overview of the functions included in each of the new sections follows:

The **SUPERINTENDENT OFFICE** in addition to being responsible for all utility operations includes Enterprise Safety and Strategy. Safety is a high priority for the organization. The Safety Team is focused on the development, delivery, and administration of all safety program elements supporting Tacoma Water employees with safe work practices and compliance with all applicable regulations. The Strategy Manager oversees the development and management of the Tacoma Water Strategic Plan.

CUSTOMER & EMPLOYEE EXPERIENCE is responsible for supporting new and existing Tacoma Water customers including development in our service area, facilitating services received, enterprise communications, education, and conservation activities. In addition this section supports employee workforce development, workforce management, payroll administration, and knowledge management.

BUSINESS SERVICES delivers customer value through integrated, strategic capabilities across the domains of finance, operational technology, project and portfolio management, data management and analytics. This section owns Tacoma Water's long-range financial planning strategy, cost of service

ratemaking, special pricing development, debt management, financial reporting, and internal controls; it is responsible for managing Tacoma Water's data through governance and stewardship, deploying advanced analytics tools and associated training, process development, and data/technology/analytics project delivery; it owns Tacoma Water's technology strategy, and is responsible for application development, support, and solution architecture. Project and Portfolio Management is a new area of deliberate focus for this group, and this capability is responsible for connecting our project portfolio to Tacoma Water's strategy, and enabling portfolio-level capabilities like prioritization, portfolio health visibility, and enterprise resource management.

SOURCE WATER and TREATMENT OPERATIONS produces and delivers potable water into the transmission and distribution system while protecting source water and providing natural resource stewardship. This section also ensures water quality and treatment meet all regulatory requirements through monitoring and reporting and cross-connection control.

MAINTENANCE and CONSTRUCTION maintains and repairs all parts of the water system through effective logistics (including fleet and warehouse) and planning. This section supports economic development through the installation of new service connections and water quality by performing system flushing.

PLANNING & ENGINEERING is responsible for all aspects of comprehensive strategic development and engineering planning across all technical and operational functions of Tacoma Water. This section provides technical support for system operations and maintenance and manages the planning, design, and construction of projects to improve the water system.

REGIONAL WATER SUPPLY SYSTEM – The 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) associated 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 ongoing Capital Expenditures. Tacoma, consistent with the Project Agreement, is the owner and operator of the Second Supply Project.

TACOMA WATER	2017-18	2019-20	2021-22
Recapitulation of Biennial Budget	Biennium Actual	Biennium Budget	Biennium Budget

REVENUE

Operating Revenue			
Water Sales	\$166,047,374	\$168,370,780	\$188,769,850
Anticipated Additional Revenue	0	6,363,724	5,359,387
Other Operating Revenue	15,581,712	7,992,092	7,939,267
Total Operating Revenue	181,629,086	182,726,596	202,068,504
Non-Operating Revenue			
Interest	2,299,294	600,000	600,000
BABS Interest Federal Subsidy	5,555,737	5,540,624	5,594,130
Miscellaneous	658,393	465,384	1,157,602
Transfers from other Funds:			
Capital Reserve Fund	0	22,002,893	41,719,154
System Development Charge	0	0	6,760,852
Appropriation from Fund Balance	0	16,956,044	23,749,356
Total Revenue & Available Funds	\$190,142,510	\$228,291,541	\$281,649,598

EXPENDITURES

Personnel Costs	\$48,474,424	\$57,949,725	\$62,124,823
Supplies, Services & Other Charges	50,201,782	57,146,959	61,418,580
Taxes - Current Revenue Estimate	24,889,189	24,037,673	27,424,496
Taxes - Anticipated Additional Revenue	0	829,129	752,895
Debt Service	54,075,065	53,216,486	50,597,584
Capital Outlay	6,646,594	35,111,569	79,331,221
Total Expenditures	\$184,287,054	\$228,291,541	\$281,649,598

CAPITAL OUTLAY FINANCING DETAIL

Funded from Existing Bonds		\$26,254,910	\$0
Funded from Operating Fund		13,108,674	30,851,215
Funded from Water Capital Reserve Fund		22,002,895	41,719,154
Funded from System Development Charge Fund		0	6,760,852
Total Capital Outlay		\$61,366,479	\$79,331,221

PERSONNEL - Budgeted FTEs	272.50 / 274.50	287.80 / 290.80	300.8 / 300.8
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TACOMA WATER	2017-18	2019-20	2021-22
Revenue	Biennium Actual	Biennium Budget	Biennium Budget

REVENUE SUMMARY

Water Sales	\$166,047,374	\$168,370,780	\$188,769,850
Anticipated Additional Revenue	0	6,363,724	5,359,387
Other Operating Revenue	15,581,712	7,992,092	7,939,267
Total Operating Revenue	181,629,086	182,726,596	202,068,504
Non-Operating Revenue	8,513,424	28,608,901	55,831,738
Appropriation from Fund Balance	0	16,956,044	23,749,356
Total Revenue & Available Funds	\$190,142,510	\$228,291,541	\$281,649,598

REVENUE DETAIL

Water Sales			
Residential	\$106,411,332	\$116,422,335	\$118,838,087
Pulp Mill	13,195,870	13,808,205	13,916,765
Wholesale	6,322,478	5,418,301	5,519,244
Other Water Sales	40,117,694	32,721,939	50,495,755
	166,047,374	168,370,780	188,769,850
Anticipated Additional Revenue	0	6,363,724	5,359,387
Total Water Sales	166,047,374	174,734,504	194,129,237
Other Operating Revenue			
Cascade Water Alliance	5,278,269	5,036,541	4,766,667
Public Fire Protection	6,924,791	0	0
Miscellaneous Water Revenue	3,378,652	2,955,551	3,172,600
Total Other Operating Revenue	15,581,712	7,992,092	7,939,267
Total Operating Revenue	181,629,086	182,726,596	202,068,504
Other Income			
Interest	2,299,294	600,000	600,000
BABS Interest Federal Subsidy	5,555,737	5,540,624	5,594,130
Miscellaneous	658,393	465,384	1,157,602
Transfers from Other Funds:			
Capital Reserve Fund	0	22,002,893	41,719,154
System Development Charge	0	0	6,760,852
Total Non-Operating Revenue	8,513,424	28,608,901	55,831,738
Appropriation from Fund Balance	0	16,956,044	23,749,356
Total Revenue & Available Funds	\$190,142,510	\$228,291,541	\$281,649,598

TACOMA WATER	2017-18	2019-20	2021-22
Division Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Operation and Maintenance by Section

Water Administration	\$57,860,113	\$59,436,902	\$0
Distribution Engineering	5,039,360	6,475,944	0
Distribution Operations	20,723,596	26,275,717	0
Quality	12,950,852	15,530,433	0
Supply	18,173,531	19,345,826	0
Asset & Information Management	6,438,406	8,264,560	0
Finance & Analytics	2,379,537	4,634,104	0
Water Administration, Strategy & Safety	0	0	66,380,037
Planning & Engineering	0	0	13,446,717
Maintenance & Construction	0	0	36,967,833
Source Water & Treatment Operations	0	0	15,422,659
Customer & Employee Experience	0	0	6,809,960
Business Services	0	0	12,693,587

Total for Division	\$123,565,395	\$139,963,486	\$151,720,793
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SUMMARY - Operation and Maintenance by Category

Salaries & Wages	\$43,696,303	\$53,272,307	\$58,846,295
Employee Benefits	17,439,360	20,764,707	24,761,062
Capital Credit & Labor To/From Others	(12,661,239)	(13,076,408)	(16,713,329)
Vacancy Factor	0	(3,010,880)	(4,769,206)
Total Personnel Costs	48,474,424	57,949,725	62,124,823
Supplies	13,638,353	16,204,628	16,962,270
Services	12,983,588	14,294,791	13,085,398
Other Charges	3,336,169	3,464,542	4,914,673
Assessments	20,243,672	23,182,998	26,456,239
Taxes	24,889,189	24,866,802	28,177,391

Total for Division	\$123,565,395	\$139,963,486	\$151,720,793
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TACOMA WATER Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title						
01360	Information Technology Supv	1.00	1.00	1.00	\$181,950	\$187,585	\$190,643
01500	IT Analyst	3.00	3.00	3.00	348,219	399,687	411,366
01510	IT Analyst, Senior	2.00	1.00	1.00	259,750	125,733	134,467
03010	Warehouse Technician	3.00	3.00	3.00	290,890	310,169	316,081
03020	Warehouse Technician, Sr	1.00	1.00	1.00	96,017	104,361	106,065
03050	Warehouse Supervisor, Utilities	1.00	1.00	1.00	118,960	125,720	129,076
05040	Financial Assistant	2.00	3.00	3.00	173,835	288,143	298,298
05330	Operations Mgr	9.75	11.25	11.25	1,665,395	2,040,460	2,091,314
05800	Utilities Economist	1.00	1.00	1.00	152,398	156,541	159,247
05820	Utilities Economist, Sr	1.00	1.00	1.00	149,022	177,557	188,584
06110	Customer Service Rep	1.00	1.00	1.00	97,204	96,999	101,902
06130	Utility Services Rep	5.00	6.00	6.00	511,825	647,475	668,701
06140	Utility Services Rep Supervisor	2.00	2.00	2.00	277,049	286,332	294,457
06170	Utility Service Specialist	3.00	4.00	4.00	379,904	602,204	632,194
07210	Project Manager, Sr	1.00	1.00	1.00	162,496	166,682	168,760
07370	Administrative Assistant	9.00	10.00	10.00	824,477	939,495	969,038
07380	Office Administrator	1.00	1.00	1.00	117,453	121,364	123,681
07390	Office Manager	1.00	1.00	1.00	107,203	129,711	137,697
08230	Utilities Dir Dep Water Supt	1.00	1.00	1.00	298,797	304,456	309,072
11090	Management Analyst I	2.75	3.00	3.00	259,036	286,991	295,984
11200	Management Analyst II	13.75	15.00	15.00	1,594,748	1,863,343	1,922,674
11350	Management Analyst III	9.00	9.00	9.00	1,174,356	1,360,729	1,395,527
12040	Safety Manager	1.00	1.00	1.00	123,601	127,542	129,397
19990	Water Quality Specialist	4.00	5.00	5.00	504,114	636,377	647,789
20020	Survey Technician III	1.00	-	-	109,515	0	0
20030	Chief of Party	1.00	-	-	129,690	0	0
20040	Engineering Technician IV	1.00	1.00	1.00	132,714	138,718	142,052
20100	Engineering Technician I	1.00	-	-	95,443	0	0
20110	Engineering Technician II	3.00	4.00	4.00	330,856	461,657	478,377
20120	Engineering Technician III	4.00	4.00	4.00	486,624	504,420	520,147
20160	Construction Inspector	6.00	6.00	6.00	797,759	845,241	865,469
20190	Engr Instrumentation Tech	3.00	3.00	3.00	379,291	400,010	410,889
20260	LID Representative	1.00	1.00	1.00	130,024	135,715	139,027
20460	Engr Construction Coord	1.00	1.00	1.00	142,810	124,642	127,732
20600	Engineer, Senior Principal	2.00	2.00	2.00	417,936	417,675	424,739
20610	Water Division Manager, Asst	10.00	11.00	11.00	2,030,075	2,245,297	2,299,382
20640	Water Div Supt Deputy	2.00	1.00	1.00	506,739	258,729	262,847
20660	Water Division Manager	3.50	5.00	5.00	714,102	1,091,882	1,111,700
20680	Engineer, Associate	-	1.00	1.00	0	109,977	111,727
20700	Engineer	4.00	4.00	4.00	541,146	547,272	579,491

TACOMA WATER Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title						
20730	Engineer, Principal	4.00	5.00	5.00	732,207	867,223	880,329
20820	Engineer, Professional	11.75	9.00	9.00	1,805,827	1,478,118	1,519,262
20830	Engineer, Senior	1.00	1.00	1.00	166,581	171,130	173,973
20890	Natural Resources Biologist II	1.00	-	-	141,253	0	0
20920	Environmental Specialist	1.00	-	-	125,438	0	0
20930	Environmental Specialist, Senior	-	1.00	1.00	0	147,041	149,627
20940	Natural Resources Specialist III	1.00	1.00	1.00	164,783	158,045	167,471
20980	Environmental Technician, Sr.	1.00	-	-	115,839	0	0
21000	Water Program Specialist	1.00	1.00	1.00	127,162	120,029	127,313
21060	Natural Resources Specialist I	-	2.00	2.00	0	253,203	262,859
21550	Watershed Inspector	4.00	4.00	4.00	502,211	522,090	534,019
50200	Equipment Operator	4.00	4.00	4.00	418,559	436,829	447,986
50210	Heavy Equipment Operator	9.00	9.00	9.00	1,023,072	1,063,380	1,089,903
50600	Water Utility Worker	4.00	9.00	9.00	355,672	861,242	879,221
5060A	Water Util Wkr (Step 1 Training)	5.00	4.00	4.00	452,964	382,774	390,765
5060B	Water Util Wkr (Step 2 Training)	4.00	6.00	6.00	374,873	594,810	607,805
5060C	Water Util Wkr (Step 3 Training)	5.00	-	-	475,334	0	0
5060D	Water Util Wkr (Step 4 Training)	3.00	4.00	4.00	289,325	406,483	416,332
5060E	Water Util Wkr (Step 5 Training)	16.00	16.00	16.00	1,574,171	1,655,797	1,690,156
5060H	Water Util Wkr Flush-Truck	5.00	3.00	3.00	507,011	320,461	326,852
50610	Water Service Worker	16.00	15.00	15.00	1,775,688	1,732,114	1,767,983
50612	Water Service Wkr Loc 103%	5.00	5.00	5.00	572,131	602,017	613,475
50613	Water Service Worker, Lead	9.00	10.00	10.00	1,134,691	1,313,266	1,336,773
5061A	Water Service Wkr - Safety Co	1.00	1.00	1.00	128,487	134,385	136,820
50650	Water Service Supervisor	4.00	5.00	5.00	570,700	743,318	755,685
50680	Water Supply Supervisor	1.00	1.00	1.00	146,162	155,708	158,388
50700	Water Pump & Stor Asst Supv	2.00	2.00	2.00	282,949	294,155	299,931
51080	Water Plant Maint Worker	6.00	6.00	6.00	701,875	731,738	746,078
51090	Water Control Station Operators	4.00	4.00	4.00	503,531	527,959	537,596
51100	Water Treatment Plant Supv	2.00	2.00	2.00	298,475	308,803	314,106
51120	Water Treatment Plant Operator	8.00	8.00	8.00	1,060,482	1,115,015	1,137,214
52250	Water Meter Repair Worker	3.00	3.00	3.00	326,370	349,529	358,108
52260	Water Meter Repair Wkr, Lead	1.00	1.00	1.00	126,762	130,470	132,874
52360	Electrician	2.00	2.00	2.00	244,152	259,921	268,964
53050	Water Service Mechanic	11.00	11.00	11.00	1,421,807	1,459,857	1,486,326
Sub-Total		278.50	285.25	285.25	\$35,459,967	\$38,063,801	\$39,009,785

TACOMA WATER Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title
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Project Employees:

11200	Management Analyst II	-	1.00	1.00	\$0	\$108,507	\$110,238
11350	Management Analyst III	3.00	3.00	3.00	377,850	417,212	426,765
50600	Water Utility Worker	4.50	5.00	5.00	392,595	464,518	473,208
50610	Water Service Worker	2.50	4.00	4.00	263,353	447,811	455,233
52250	Water Meter Repair Worker	0.75	1.00	1.00	79,006	110,740	112,468

Sub-Total		10.75	14.00	14.00	\$1,112,804	\$1,548,788	\$1,577,912
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Temporary Employees:

46020	Occupational Intern Skilled	0.53	0.53	0.53	\$16,450	\$16,280	\$16,384
46080	IT Analyst Intern	0.17	0.17	0.17	9,737	9,633	9,691
80280	Engineer in Training	0.84	0.84	0.84	53,445	52,986	53,310

Sub-Total		1.54	1.54	1.54	\$79,632	\$78,899	\$79,385
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FTE Total Tacoma Water		290.79	300.79	300.79	\$36,652,403	\$39,691,488	\$40,667,083
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TACOMA WATER	2017-18	2019-20	2021-22
Administration, Strategy & Safety	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages			\$2,059,886
Employee Benefits			741,489
Capital Credit & Labor To/From Others			73,631
Vacancy Factor			(4,769,206)
Total Personnel Costs	0	0	(1,894,200)
Supplies			12,450,774
Services			(131,807)
Other Charges			1,321,639
Assessments			26,456,239
Taxes			28,177,391

Total Operation & Maintenance	\$0	\$0	\$66,380,037
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Water Administration (581000)

Salaries & Wages			\$1,451,191
Employee Benefits			488,743
Capital Credit & Labor To/From Others			73,631
Total Personnel Costs	0	0	2,013,565
Supplies			81,598
Services			927,944
Other Charges			(1,213,739)
Assessments			26,456,239
Total	\$0	\$0	\$28,265,607

Water Enterprise Strategy (581003)

Salaries & Wages			\$234,618
Employee Benefits			89,743
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	324,360
Supplies			4,920
Services			1,000
Other Charges			7,540
Total	\$0	\$0	\$337,820

TACOMA WATER	2017-18	2019-20	2021-22
Administration, Strategy & Safety	Biennium Actual	Biennium Budget	Biennium Budget

Water Enterprise Safety (581004)

Salaries & Wages			\$374,077
Employee Benefits			163,003
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	537,080
Supplies			30,259
Services			14,399
Other Charges			44,060
Total	\$0	\$0	\$625,798

Undistributed Costs (581100)

Salaries & Wages Vacancy Factor			(\$3,314,845)
Employee Benefits Vacancy Factor			(1,454,361)
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	(4,769,206)
Supplies			12,333,998
Services			(1,075,150)
Other Charges			2,483,779
Taxes			28,177,391
Total	\$0	\$0	\$37,150,812

Total Admin, Strategy & Safety Section	\$0	\$0	\$66,380,037
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ADMINISTRATION, STRATEGY & SAFETY Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title					
07390	Office Manager	1.00	1.00		\$129,711	\$137,697
08230	Utilities Dir Dept Wtr Supt	1.00	1.00		304,456	309,072
11350	Management Analyst III	1.00	1.00		160,504	163,254
FTE Total Administration, Strategy & Safety		-	3.00	3.00	\$0	\$594,671
					\$610,023	

TACOMA WATER	2017-18	2019-20	2021-22
Planning & Engineering	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages			\$12,008,662
Employee Benefits			4,768,495
Capital Credit & Labor To/From Others			(5,987,411)
Total Personnel Costs	0	0	10,789,746
Supplies			745,748
Services			1,603,153
Other Charges			308,071

Total Operation & Maintenance	\$0	\$0	\$13,446,717
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Water Planning & Engineering (585800)

Salaries & Wages			\$588,776
Employee Benefits			241,905
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	830,681
Supplies			14,039
Services			0
Other Charges			35,375
Total	\$0	\$0	\$880,095

Water Treatment & Quality Planning (583820)

Salaries & Wages			\$822,984
Employee Benefits			296,872
Capital Credit & Labor To/From Others			(226,338)
Total Personnel Costs	0	0	893,517
Supplies			23,559
Services			1,400
Other Charges			18,966
Total	\$0	\$0	\$937,442

TACOMA WATER	2017-18	2019-20	2021-22
Planning & Engineering	Biennium Actual	Biennium Budget	Biennium Budget

Water System & Asset Planning (584810)

Salaries & Wages			\$1,852,269
Employee Benefits			731,111
Capital Credit & Labor To/From Others			(18,987)
Total Personnel Costs	0	0	2,564,393
Supplies			31,756
Services			800,000
Other Charges			49,910
Total	\$0	\$0	\$3,446,059

Water Resources (584830)

Salaries & Wages			\$853,730
Employee Benefits			301,242
Capital Credit & Labor To/From Others			(55,968)
Total Personnel Costs	0	0	1,099,004
Supplies			14,039
Services			125,000
Other Charges			25,020
Total	\$0	\$0	\$1,263,063

Water Electrical & Control Systems (584850)

Salaries & Wages			\$2,173,737
Employee Benefits			887,889
Capital Credit & Labor To/From Others			(1,137,026)
Total Personnel Costs	0	0	1,924,599
Supplies			697,991
Services			456,352
Other Charges			80,800
Total	\$0	\$0	\$3,159,742

TACOMA WATER	2017-18	2019-20	2021-22
Planning & Engineering	Biennium Actual	Biennium Budget	Biennium Budget

Water Project Delivery (585840)

Salaries & Wages			\$5,717,167
Employee Benefits			2,309,476
Capital Credit & Labor To/From Others			(4,549,093)
Total Personnel Costs	0	0	3,477,550
Supplies			(35,635)
Services			220,401
Other Charges			98,000
Total	\$0	\$0	\$3,760,316

Total Planning & Engineering Section	\$0	\$0	\$13,446,717
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PLANNING & ENGINEERING Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title					
05330	Operations Mgr	3.25	3.25		\$604,745	\$616,555
06170	Utility Service Specialist	2.00	2.00		323,213	337,949
07370	Administrative Assistant	2.00	2.00		179,588	185,646
11090	Management Analyst I	1.00	1.00		105,404	111,148
11200	Management Analyst II	1.00	1.00		108,507	110,238
11350	Management Analyst III	2.00	2.00		314,745	321,202
20040	Engineering Technician IV	1.00	1.00		138,718	142,052
20110	Engineering Technician II	4.00	4.00		461,657	478,377
20120	Engineering Technician III	2.00	2.00		249,060	258,528
20160	Construction Inspector	6.00	6.00		845,241	865,469
20190	Engr Instrumentation Tech	2.00	2.00		266,675	274,298
20460	Engr Const Coord	1.00	1.00		124,642	127,732
20600	Engineer, Sr. Principal	2.00	2.00		417,675	424,739
20610	Water Division Manager, Asst	3.00	3.00		607,426	625,965
20660	Water Division Manager	1.00	1.00		227,671	231,435
20700	Engineer	4.00	4.00		547,272	579,491
20730	Engineer, Principal	5.00	5.00		867,223	880,329
20820	Engineer, Professional	9.00	9.00		1,478,118	1,519,262
20830	Engineer, Senior	1.00	1.00		171,130	173,973
50610	Water Service Worker	1.00	1.00		117,417	120,604
52360	Electrician	2.00	2.00		259,921	268,964
53050	Water Service Mechanic	2.00	2.00		258,403	262,639

Sub-Total	-	57.25	57.25	\$0	\$8,674,450	\$8,916,593
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Project Employees:

11350	Management Analyst III	2.00	2.00		287,328	295,009
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Temporary Employees:

80280	Engineer in Training	0.84	0.84		52,986	53,310
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FTE Total Planning & Engineering	-	60.09	60.09	\$0	\$9,014,764	\$9,264,912
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TACOMA WATER	2017-18	2019-20	2021-22
Maintenance & Construction	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages			\$25,407,184
Employee Benefits			11,402,851
Capital Credit & Labor To/From Others			(7,113,006)
Total Personnel Costs	0	0	29,697,029
Supplies			813,417
Services			6,872,077
Other Charges			(414,690)

Total Operation & Maintenance	\$0	\$0	\$36,967,833
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Water Maintenance & Construction (582300)

Salaries & Wages			\$467,103
Employee Benefits			175,397
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	642,500
Supplies			10,639
Services			185,525
Other Charges			11,000
Total	\$0	\$0	\$849,664

Water Field Operations (582310)

Salaries & Wages			\$319,197
Employee Benefits			108,258
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	427,455
Supplies			7,239
Services			0
Other Charges			1,640
Total	\$0	\$0	\$436,335

TACOMA WATER	2017-18	2019-20	2021-22
Maintenance & Construction	Biennium Actual	Biennium Budget	Biennium Budget

Water Maintenance Distribution (582311)

Salaries & Wages			\$15,821,813
Employee Benefits			7,255,585
Capital Credit & Labor To/From Others			(5,934,246)
Total Personnel Costs	0	0	17,143,153
Supplies			(106,143)
Services			5,813,377
Other Charges			462,775
Total	\$0	\$0	\$23,313,162

Water Maintenance Green River Filtration (583314)

Salaries & Wages			\$1,469,553
Employee Benefits			579,821
Capital Credit & Labor To/From Others			(471,072)
Total Personnel Costs	0	0	1,578,303
Supplies			242,289
Services			159,170
Other Charges			19,016
Total	\$0	\$0	\$1,998,779

Water Supply & Transmission (584312)

Salaries & Wages			\$4,391,064
Employee Benefits			1,942,789
Capital Credit & Labor To/From Others			(466,960)
Total Personnel Costs	0	0	5,866,893
Supplies			614,598
Services			710,772
Other Charges			98,348
Total	\$0	\$0	\$7,290,612

TACOMA WATER	2017-18	2019-20	2021-22
Maintenance & Construction	Biennium Actual	Biennium Budget	Biennium Budget

Water Maintenance Planning & Logistics (585320)

Salaries & Wages			\$895,500
Employee Benefits			438,190
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	1,333,690
Supplies			20,957
Services			0
Other Charges			84,000
Total	\$0	\$0	\$1,438,647

Water Maintenance Planning (585321)

Salaries & Wages			\$1,301,375
Employee Benefits			525,072
Capital Credit & Labor To/From Others			(240,728)
Total Personnel Costs	0	0	1,585,718
Supplies			19,917
Services			0
Other Charges			35,000
Total	\$0	\$0	\$1,640,635

Water Warehouse (582322)

Salaries & Wages			\$741,578
Employee Benefits			377,739
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	1,119,317
Supplies			3,920
Services			3,233
Other Charges			(1,126,469)
Total	\$0	\$0	\$0

Total Maint. & Const. Section	\$0	\$0	\$36,967,833
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MAINTENANCE & CONSTRUCTION Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title					
03010	Warehouse Technician	3.00	3.00		\$310,169	\$316,081
03020	Warehouse Technician, Sr	1.00	1.00		104,361	106,065
03050	Warehouse Supervisor, Utilities	1.00	1.00		125,720	129,076
05330	Operations Mgr	4.00	4.00		711,529	723,878
07370	Administrative Assistant	2.00	2.00		190,139	197,708
11200	Management Analyst II	7.00	7.00		893,892	920,421
12040	Safety Manager	1.00	1.00		127,542	129,397
20190	Engr Instrumentation Tech	1.00	1.00		133,335	136,591
20610	Water Division Manager, Asst	1.00	1.00		211,577	215,138
20660	Water Division Manager	1.00	1.00		225,096	231,435
50200	Equipment Operator	4.00	4.00		436,829	447,986
50210	Heavy Equipment Operator	9.00	9.00		1,063,380	1,089,903
50600	Water Utility Worker	9.00	9.00		861,242	879,221
5060A	Water Util Wkr (Step 1 Training)	4.00	4.00		382,774	390,765
5060B	Water Util Wkr (Step 2 Training)	6.00	6.00		594,810	607,805
5060D	Water Util Wkr (Step 4 Training)	4.00	4.00		406,483	416,332
5060E	Water Util Wkr (Step 5 Training)	16.00	16.00		1,655,797	1,690,156
5060H	Water Util Wkr - Flush Truck	3.00	3.00		320,461	326,852
50610	Water Service Worker	14.00	14.00		1,614,697	1,647,379
50612	Water Service Wkr Loc 103%	5.00	5.00		602,017	613,475
50613	Water Service Wkr, Lead	10.00	10.00		1,313,266	1,336,773
5061A	Water Service Wkr - Safety Co	1.00	1.00		134,385	136,820
50650	Water Service Supervisor	5.00	5.00		743,318	755,685
50680	Water Supply Supervisor	1.00	1.00		155,708	158,388
50700	Water Pumps & Storage Supv	1.00	1.00		148,909	152,742
51080	Water Plant Maint Worker	6.00	6.00		731,738	746,078
51100	Water Treatment Plant Supv	1.00	1.00		156,231	158,908
52250	Water Meter Repair Worker	3.00	3.00		349,529	358,108
52260	Water Meter Repair Worker, Lead	1.00	1.00		130,470	132,874
53050	Water Service Mechanic	9.00	9.00		1,201,455	1,223,688

Sub-Total	-	134.00	134.00	\$0	\$16,036,860	\$16,375,728
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Project Employees:

50600	Water Utility Worker	5.00	5.00		\$464,518	\$473,208
50610	Water Service Worker	2.00	2.00		226,332	230,297
52250	Water Meter Repair Worker	1.00	1.00		110,740	112,468

Sub-Total	-	8.00	8.00	\$0	\$801,590	\$815,973
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FTE Total Maintenance & Construction	-	142.00	142.00	\$0	\$16,838,451	\$17,191,701
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TACOMA WATER	2017-18	2019-20	2021-22
Source Water & Treatment Options	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages			\$8,650,673
Employee Benefits			3,441,932
Capital Credit & Labor To/From Others			(3,014,493)
Total Personnel Costs	0	0	9,078,111
Supplies			2,468,521
Services			1,693,803
Other Charges			2,182,223

Total Operation & Maintenance	\$0	\$0	\$15,422,659
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Source Water & Treatment Options (583600)

Salaries & Wages			\$791,639
Employee Benefits			275,058
Capital Credit & Labor To/From Others			(9,182)
Total Personnel Costs	0	0	1,057,514
Supplies			24,319
Services			20,000
Other Charges			28,834
Total	\$0	\$0	\$1,130,667

Quality & System Operations (583610)

Salaries & Wages			\$337,319
Employee Benefits			108,258
Capital Credit & Labor To/From Others			(21,336)
Total Personnel Costs	0	0	424,241
Supplies			8,324
Services			0
Other Charges			6,256
Total	\$0	\$0	\$438,821

TACOMA WATER	2017-18	2019-20	2021-22
Source Water & Treatment Options	Biennium Actual	Biennium Budget	Biennium Budget

Quality Assurance (583611)

Salaries & Wages			\$1,236,059
Employee Benefits			508,279
Capital Credit & Labor To/From Others			(353,989)
Total Personnel Costs	0	0	1,390,349
Supplies			84,617
Services			485,788
Other Charges			123,690
Total	\$0	\$0	\$2,084,444

Green River Treatment Operations (583612)

Salaries & Wages			\$2,869,027
Employee Benefits			1,176,964
Capital Credit & Labor To/From Others			(1,788,880)
Total Personnel Costs	0	0	2,257,112
Supplies			1,609,571
Services			318,886
Other Charges			544,052
Total	\$0	\$0	\$4,729,621

Ground Water Treatment Operations (583613)

Salaries & Wages			\$835,490
Employee Benefits			333,733
Capital Credit & Labor To/From Others			435,000
Total Personnel Costs	0	0	1,604,223
Supplies			568,460
Services			16,163
Other Charges			1,400,898
Total	\$0	\$0	\$3,589,743

TACOMA WATER	2017-18	2019-20	2021-22
Source Water & Treatment Options	Biennium Actual	Biennium Budget	Biennium Budget

Watershed Services (583620)

Salaries & Wages			\$264,931
Employee Benefits			92,788
Capital Credit & Labor To/From Others			(61,243)
Total Personnel Costs	0	0	296,476
Supplies			6,927
Services			1,061
Other Charges			19,778
Total	\$0	\$0	\$324,242

Watershed Operations (583621)

Salaries & Wages			\$1,453,858
Employee Benefits			587,918
Capital Credit & Labor To/From Others			(776,181)
Total Personnel Costs	0	0	1,265,594
Supplies			154,397
Services			761,854
Other Charges			45,756
Total	\$0	\$0	\$2,227,601

Environmental Stewardship (583622)

Salaries & Wages			\$862,350
Employee Benefits			358,934
Capital Credit & Labor To/From Others			(438,682)
Total Personnel Costs	0	0	782,602
Supplies			11,906
Services			90,051
Other Charges			12,959
Total	\$0	\$0	\$897,519

Total Source Water & Treat. Ops. Section	\$0	\$0	\$15,422,659
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SOURCE WATER & TREATMENT OPS Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title					
05330	Operations Mgr	4.00	4.00		\$724,186	\$750,881
07370	Administrative Assistant	3.00	3.00		292,750	301,375
19990	Water Quality Specialist	5.00	5.00		636,377	647,789
20610	Water Division Manager, Asst	2.00	2.00		380,651	386,305
20660	Water Division Mgr	2.00	2.00		411,444	417,394
20930	Environmental Specialist, Sr	1.00	1.00		147,041	149,627
20940	Natural Resources Specialist III	1.00	1.00		158,045	167,471
21060	Natural Resources Specialist I	2.00	2.00		253,203	262,859
21550	Watershed Inspector	4.00	4.00		522,090	534,019
50700	Water Pumps & Storage Supv	1.00	1.00		145,245	147,189
51090	Water Control Station Oper	4.00	4.00		527,959	537,596
51100	Water Treatment Plant Supv	1.00	1.00		152,572	155,197
51120	Water Treatment Plant Operator	8.00	8.00		1,115,015	1,137,214

Sub-Total	-	38.00	38.00	\$0	\$5,466,578	\$5,594,918
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Project Employees:

50610	Water Service Worker	2.00	2.00		221,479	224,937
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Temporary Employees:

46020	Occupational Intern Skilled	0.17	0.17		5,222	5,255
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FTE Total Source Water & Treatment	-	40.17	40.17	\$0	\$5,693,279	\$5,825,110
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TACOMA WATER	2017-18	2019-20	2021-22
Customer & Employee Experience	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages			\$4,596,146
Employee Benefits			1,947,300
Capital Credit & Labor To/From Others			(526,999)
Total Personnel Costs	0	0	6,016,446
Supplies			91,264
Services			219,778
Other Charges			482,472

Total Operation & Maintenance	\$0	\$0	\$6,809,960
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Customer & Employee Experience (585600)

Salaries & Wages			\$547,836
Employee Benefits			184,748
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	732,584
Supplies			10,879
Services			200
Other Charges			16,850
Total	\$0	\$0	\$760,513

Employee Experience (585610)

Salaries & Wages			\$1,493,064
Employee Benefits			643,929
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	2,136,993
Supplies			30,891
Services			143,055
Other Charges			139,211
Total	\$0	\$0	\$2,450,150

TACOMA WATER	2017-18	2019-20	2021-22
Customer & Employee Experience	Biennium Actual	Biennium Budget	Biennium Budget

Customer Experience (585620)

Salaries & Wages			\$2,555,246
Employee Benefits			1,118,622
Capital Credit & Labor To/From Others			(526,999)
Total Personnel Costs	0	0	3,146,869
Supplies			49,493
Services			76,523
Other Charges			326,411
Total	\$0	\$0	\$3,599,297

Total Cust. & Emp. Experience Section	\$0	\$0	\$6,809,960
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CUSTOMER & EMPLOYEE EXPERIENCE Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title						
05040	Financial Assistant	3.00	3.00	\$288,143	\$298,298		
06110	Customer Service Rep	1.00	1.00	96,999	101,902		
06130	Utility Services Rep	6.00	6.00	647,475	668,701		
06140	Utility Services Rep Supv	2.00	2.00	286,332	294,457		
06170	Utility Services Specialist	2.00	2.00	278,991	294,245		
07370	Administrative Assistant	2.00	2.00	180,374	184,877		
07380	Office Administrator	1.00	1.00	121,364	123,681		
11090	Management Analyst I	1.00	1.00	90,794	92,418		
11200	Management Analyst II	2.00	2.00	235,599	244,580		
11350	Management Analyst III	2.00	2.00	309,836	321,934		
20260	LID Representative	1.00	1.00	135,715	139,027		
20610	Water Division Manager, Asst	2.00	2.00	418,832	430,276		
20640	Water Div Supt Deputy	1.00	1.00	258,729	262,847		
20680	Engineer, Associate	1.00	1.00	109,977	111,727		
21000	Water Program Specialist	1.00	1.00	120,029	127,313		
FTE Total Customer & Employee Experience		-	28.00	28.00	\$0	\$3,579,188	\$3,696,283

TACOMA WATER	2017-18	2019-20	2021-22
Business Services	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages			\$6,123,746
Employee Benefits			2,458,996
Capital Credit & Labor To/From Others			(145,051)
Total Personnel Costs	0	0	8,437,690
Supplies			392,546
Services			2,828,393
Other Charges			1,034,957

Total Operation & Maintenance	\$0	\$0	\$12,693,587
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Business Services (585700)

Salaries & Wages			\$483,527
Employee Benefits			177,525
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	661,053
Supplies			12,679
Services			121,000
Other Charges			78,000
Total	\$0	\$0	\$872,732

Financial Stewardship (585710)

Salaries & Wages			\$1,292,613
Employee Benefits			512,617
Capital Credit & Labor To/From Others			(26,866)
Total Personnel Costs	0	0	1,778,364
Supplies			19,717
Services			241,525
Other Charges			41,005
Total	\$0	\$0	\$2,080,611

TACOMA WATER	2017-18	2019-20	2021-22
Business Services	Biennium Actual	Biennium Budget	Biennium Budget

Operational Technology (585720)

Salaries & Wages			\$2,750,283
Employee Benefits			1,152,009
Capital Credit & Labor To/From Others			(118,185)
Total Personnel Costs	0	0	3,784,107
Supplies			341,633
Services			2,385,868
Other Charges			860,207
Total	\$0	\$0	\$7,371,815

Analytics & Implementation (585730)

Salaries & Wages			\$1,352,914
Employee Benefits			525,184
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	1,878,098
Supplies			16,157
Services			80,000
Other Charges			55,745
Total	\$0	\$0	\$2,030,000

Project Support (585740)

Salaries & Wages			\$244,409
Employee Benefits			91,661
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	336,070
Supplies			2,360
Services			0
Other Charges			0
Total	\$0	\$0	\$338,429

Total Business Services Section	\$0	\$0	\$12,693,587
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BUSINESS SERVICES Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title					
01360	Information Technology Supv	1.00	1.00		\$187,585	\$190,643
01500	IT Analyst	3.00	3.00		399,687	\$411,366
01510	IT Analyst, Senior	1.00	1.00		125,733	\$134,467
05800	Utilities Economist	1.00	1.00		156,541	\$159,247
05820	Utilities Economist, Sr	1.00	1.00		177,557	188,584
07210	Project Manager, Sr	1.00	1.00		166,682	168,760
07370	Administrative Assistant	1.00	1.00		96,644	99,433
11090	Management Analyst I	1.00	1.00		90,794	92,418
11200	Management Analyst II	5.00	5.00		625,344	647,435
11350	Management Analyst III	4.00	4.00		575,643	589,137
20120	Engr Technician III	2.00	2.00		255,360	261,619
20610	Water Division Manager, Asst	3.00	3.00		626,812	641,698
20660	Water Division Manager	1.00	1.00		227,671	231,435

Sub-Total	-	25.00	25.00	\$0	\$3,712,053	\$3,816,240
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Project Employees:

11200	Management Analyst II	1.00	1.00		\$108,507	\$110,238
11350	Management Analyst III	1.00	1.00		129,884	131,755

Sub-Total	-	2.00	2.00	\$0	\$238,391	\$241,993
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Temporary Employees:

46020	Occupational Intern Skilled	0.36	0.36		\$11,058	\$11,129
46080	IT Analyst Intern	0.17	0.17		9,633	9,691

Sub-Total	-	0.53	0.53	\$0	\$20,691	\$20,820
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FTE Total Business Services	-	27.53	27.53	\$0	\$3,971,136	\$4,079,053
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TACOMA WATER	2017-18	2019-20	2021-22
Administration	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$625,901	\$618,249	
Employee Benefits	169,629	179,224	
Capital Credit & Labor To/From Others	97,331	42,916	
Vacancy Factor	0	(3,010,880)	
Total Personnel Costs	892,862	(2,170,491)	0
Supplies	10,129,273	12,133,183	
Services	1,347,314	1,120,878	
Other Charges	121,142	303,532	
Assessments	20,480,333	23,182,998	
Taxes	24,889,189	24,866,802	

Total Operation & Maintenance	\$57,860,113	\$59,436,902	\$0
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Water Administration (581000)

Salaries & Wages	\$625,901	\$618,249	
Employee Benefits	169,629	179,224	
Capital Credit & Labor To/From Others	97,331	42,916	
Total Personnel Costs	892,862	840,389	0
Supplies	81,409	88,940	
Services	1,347,314	1,120,878	
Other Charges	(1,596,049)	(1,808,468)	
Assessments	20,480,333	23,182,998	
Total	\$21,205,870	\$23,424,737	\$0

Undistributed Costs (581100)

Salaries & Wages Vacancy Factor	\$0	(\$2,107,616)	
Employee Benefits Vacancy Factor	0	(903,264)	
Capital Credit & Labor To/From Others	0	0	
Total Personnel Costs	0	(3,010,880)	0
Supplies	10,047,863	12,044,243	
Services	0	0	
Other Charges	1,717,190	2,112,000	
Taxes	24,889,189	24,866,802	
Total	\$36,654,243	\$36,012,165	\$0

Total Water Administration Section	\$57,860,113	\$59,436,902	\$0
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WATER ADMINISTRATION Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title					
07390	Office Manager	1.00			\$107,203	
08230	Utilities Dir Dept Wtr Supt	1.00			298,796	
FTE Total Water Administration		2.00	-	-	\$405,999	\$0 \$0

TACOMA WATER	2017-18	2019-20	2021-22
Distribution Engineering	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Distribution Engineering (582100)

Salaries & Wages	\$5,628,917	\$6,143,295	
Employee Benefits	2,181,327	2,339,056	
Capital Credit & Labor To/From Others	(3,337,949)	(3,280,048)	
Total Personnel Costs	4,472,295	5,202,303	0
Supplies	(62,256)	(77,800)	
Services	481,995	882,527	
Other Charges	147,327	468,914	

Total Distribution Engineering Section	\$5,039,360	\$6,475,944	\$0
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DISTRIBUTION ENGINEERING Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title					
05330	Operations Mgr	1.00			\$182,394	
06130	Utility Services Rep I	2.00			208,872	
06140	Utility Services Rep II	1.00			139,098	
06170	Utility Service Specialist	3.00			379,904	
07370	Administrative Assistant	1.00			93,326	
20020	Survey Technician III	1.00			109,515	
20030	Chief of Party	1.00			129,690	
20100	Engineering Technician I	1.00			95,443	
20110	Engineering Technician II	2.00			217,954	
20120	Engineering Technician III	1.00			121,413	
20160	Construction Inspector	5.00			663,871	
20260	LID Representative	1.00			130,024	
20460	Engr Const Coord	1.00			142,810	
20610	Water Division Manager, Asst	2.00			412,465	
20660	Water Division Manager	1.00			222,513	
20700	Engineer	1.00			146,238	
20820	Engineer, Professional	4.00			573,523	
21000	Water Program Specialist	1.00			127,162	
50610	Water Service Worker	1.00			111,841	
Sub-Total		31.00	-	-	\$4,208,056	\$0

Temporary Employees:

80280	Engineer in Training	0.17			10,816	
FTE Total Distribution Engineering		31.17	-	-	\$4,218,872	\$0

TACOMA WATER	2017-18	2019-20	2021-22
Distribution Operations	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$14,857,551	\$18,713,324	
Employee Benefits	6,452,281	7,917,973	
Capital Credit & Labor To/From Others	(5,321,392)	(5,258,102)	
Total Personnel Costs	15,988,440	21,373,195	0
Supplies	10,687	100,895	
Services	4,877,130	5,410,139	
Other Charges	84,000	(608,512)	
Assessments	(236,661)	0	

Total Operation & Maintenance	\$20,723,596	\$26,275,717	\$0
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Distribution Operations (582400)

Salaries & Wages	\$14,305,408	\$17,997,773	
Employee Benefits	6,184,108	7,589,526	
Capital Credit & Labor To/From Others	(5,342,745)	(5,258,102)	
Total Personnel Costs	15,146,771	20,329,197	0
Supplies	27,973	97,300	
Services	4,840,098	5,398,184	
Other Charges	708,754	451,036	
Total	\$20,723,596	\$26,275,717	\$0

Warehouse (584500)

Salaries & Wages	\$552,143	\$715,551	
Employee Benefits	268,172	328,447	
Capital Credit & Labor To/From Others	21,353	0	
Total Personnel Costs	841,669	1,043,998	0
Supplies	(17,286)	3,595	
Services	37,032	11,955	
Other Charges	(624,755)	(1,059,548)	
Assessments	(236,661)	0	
Total	\$0	\$0	\$0

Total Distribution Operations Section	\$20,723,596	\$26,275,717	\$0
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DISTRIBUTION OPERATIONS Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title					
03010	Warehouse Technician	3.00		\$290,891		
03020	Warehouse Technician, Sr	1.00		96,017		
03050	Warehouse Supervisor, Utilities	1.00		118,960		
05040	Financial Assistant	2.00		173,835		
05330	Operations Mgr	2.00		349,903		
06110	Customer Service Rep	1.00		97,204		
06130	Utility Services Rep I	2.00		213,373		
06140	Utility Services Rep II	1.00		137,950		
07370	Administrative Assistant	1.00		94,380		
07380	Office Administrator	1.00		117,453		
11090	Management Analyst I	0.75		65,329		
11200	Management Analyst II	5.00		560,426		
11350	Management Analyst III	1.00		125,950		
12040	Safety Manager	1.00		123,600		
20160	Construction Inspector	1.00		133,888		
20610	Water Division Manager, Asst	2.00		399,784		
20660	Water Division Manager	0.75		134,538		
50200	Equipment Operator	4.00		418,558		
50210	Heavy Equipment Operator	8.00		909,306		
50600	Water Utility Worker	4.00		355,672		
5060A	Water Util Wkr (Step 1 Training)	5.00		452,964		
5060B	Water Util Wkr (Step 2 Training)	4.00		374,873		
5060C	Water Util Wkr (Step 3 Training)	5.00		475,334		
5060D	Water Util Wkr (Step 4 Training)	3.00		289,325		
5060E	Water Util Wkr (Step 5 Training)	9.00		882,067		
5060H	Water Util Wkr - Flush Truck	5.00		507,011		
50610	Water Service Worker	15.00		1,663,846		
50612	Water Service Wkr Loc 103%	5.00		572,131		
50613	Water Service Wkr, Lead	9.00		1,134,691		
5061A	Water Service Wkr - Safety Coor	1.00		128,487		
50650	Water Service Supervisor	4.00		570,700		
52250	Water Meter Repair Worker	3.00		326,370		
52260	Water Meter Repair Worker, Lead	1.00		126,762		

Sub-Total	111.50	-	-	\$12,421,578	\$0	\$0
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Project Employees:

50600	Water Utility Worker	4.50		\$392,595		
50610	Water Service Worker	1.50		158,012		
52250	Water Meter Repair Worker	0.75		79,006		

Sub-Total	6.75	-	-	\$629,613	\$0	\$0
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FTE Total Distribution Operations	118.25	-	-	\$13,051,191	\$0	\$0
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TACOMA WATER	2017-18	2019-20	2021-22
Quality	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$8,457,198	\$9,648,852	
Employee Benefits	3,227,060	3,507,563	
Capital Credit & Labor To/From Others	(3,492,640)	(2,980,863)	
Total Personnel Costs	8,191,619	10,175,552	0
Supplies	1,858,154	2,112,069	
Services	1,825,068	2,238,188	
Other Charges	1,076,011	1,004,624	

Total Operation & Maintenance	\$12,950,852	\$15,530,433	\$0
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Quality Office (583100)

Salaries & Wages	\$2,896,626	\$3,671,796	
Employee Benefits	1,094,008	1,270,728	
Capital Credit & Labor To/From Others	(338,473)	(290,004)	
Total Personnel Costs	3,652,161	4,652,519	0
Supplies	256,792	394,859	
Services	760,747	667,362	
Other Charges	277,040	338,592	
Total	\$4,946,740	\$6,053,332	\$0

Green River Headworks Treatment (583200)

Salaries & Wages	\$3,485,536	\$3,840,847	
Employee Benefits	1,346,732	1,418,332	
Capital Credit & Labor To/From Others	(1,988,426)	(1,766,887)	
Total Personnel Costs	2,843,842	3,492,292	0
Supplies	1,415,541	1,494,269	
Services	481,121	779,584	
Other Charges	740,850	604,546	
Total	\$5,481,354	\$6,370,691	\$0

TACOMA WATER	2017-18	2019-20	2021-22
Quality	Biennium Actual	Biennium Budget	Biennium Budget

Watershed Management & Operations (583310)

Salaries & Wages	\$1,399,031	\$1,330,413	
Employee Benefits	515,332	505,507	
Capital Credit & Labor To/From Others	(818,986)	(550,148)	
Total Personnel Costs	1,095,377	1,285,773	0
Supplies	164,851	167,349	
Services	428,924	665,536	
Other Charges	43,493	44,686	
Total	\$1,732,646	\$2,163,344	\$0

Environmental Stewardship (585200)

Salaries & Wages	\$676,006	\$805,796	
Employee Benefits	270,988	312,996	
Capital Credit & Labor To/From Others	(346,755)	(373,824)	
Total Personnel Costs	600,239	744,968	0
Supplies	20,970	55,592	
Services	154,275	125,706	
Other Charges	14,628	16,800	
Total	\$790,111	\$943,066	\$0

Total Quality Section	\$12,950,852	\$15,530,433	\$0
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QUALITY Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title					
05330	Operations Mgr	4.00			\$658,259	
06130	Utility Services Rep I	1.00			89,580	
07370	Administrative Assistant	3.00			277,076	
11200	Management Analyst II	1.00			104,703	
19990	Water Quality Specialist	4.00			504,114	
20190	Engr Instrumentation Tech	1.00			127,431	
20610	Water Division Manager, Asst	2.00			408,541	
20640	Water Div Supt Deputy	1.00			253,370	
20730	Engineer, Principal	1.00			183,437	
20820	Engineer, Professional	2.00			310,478	
20890	Natural Resources Biologist II	1.00			141,253	
20920	Environmental Specialist	1.00			125,438	
20940	Natural Resources Biologist III	1.00			164,783	
20980	Environmental Technician, Sr.	1.00			115,839	
21550	Watershed Inspector	4.00			502,211	
51080	Water Plant Maint Worker	2.00			234,276	
51100	Water Treatment Plant Supv	2.00			298,475	
51120	Water Treatment Plant Operator	8.00			1,060,482	
53050	Water Service Mechanic	5.00			648,438	
Sub-Total		45.00	-	-	\$6,208,184	\$0

Project Employees:

50610	Water Service Worker	1.00			105,341	
Sub-Total		1.00	-	-	\$105,341	\$0

Temporary Employees:

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

FTE Total Quality		46.67	-	-	\$6,350,614	\$0
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TACOMA WATER	2017-18	2019-20	2021-22
Supply	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$9,255,929	\$10,597,082	
Employee Benefits	3,580,267	4,043,260	
Capital Credit & Labor To/From Others	(654,039)	(1,011,377)	
Total Personnel Costs	12,182,156	13,628,965	0
Supplies	1,322,773	1,480,444	
Services	3,279,448	2,778,241	
Other Charges	1,389,154	1,458,176	

Total Operation & Maintenance	\$18,173,531	\$19,345,826	\$0
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Supply Office (584100)

Salaries & Wages	\$4,907,475		
Employee Benefits	1,739,339		
Capital Credit & Labor To/From Others	(2,069,249)		
Total Personnel Costs	4,577,565	0	0
Supplies	214,789		
Services	1,820,045		
Other Charges	141,563		
Total	\$6,753,962	\$0	\$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	1,816,590	0
Supplies		11,866	
Services		175,000	
Other Charges		32,070	
Total	\$0	\$2,035,526	\$0

TACOMA WATER	2017-18	2019-20	2021-22
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	993,938	0
Supplies		96,835	
Services		14,804	
Other Charges		11,650	
Total	\$0	\$1,117,227	\$0

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	2,087,019	0
Supplies	505	433,768	
Services	0	522,208	
Other Charges	1,219	1,154,122	
Total	\$1,724	\$4,197,117	\$0

Supply Engineering & Planning (584104)

Salaries & Wages	\$0	\$2,063,581	
Employee Benefits	0	748,398	
Capital Credit & Labor To/From Others	(1,928)	(165,629)	
Total Personnel Costs	(1,928)	2,646,349	0
Supplies	0	49,110	
Services	0	961,000	
Other Charges	0	46,400	
Total	(\$1,928)	\$3,702,859	\$0

TACOMA WATER Supply	2017-18 Biennium Actual	2019-20 Biennium Budget	2021-22 Biennium Budget
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Supply Wells (584200)

Salaries & Wages	\$2,694,462	\$2,440,639	
Employee Benefits	1,100,345	931,797	
Capital Credit & Labor To/From Others	867,156	120,074	
Total Personnel Costs	4,661,963	3,492,510	0
Supplies	537,181	523,835	
Services	508,507	429,669	
Other Charges	861,060	114,350	
Total	\$6,568,711	\$4,560,364	\$0

Supply Gravity (584400)

Salaries & Wages	\$1,653,992	\$1,897,932	
Employee Benefits	740,583	828,987	
Capital Credit & Labor To/From Others	549,982	(134,360)	
Total Personnel Costs	2,944,556	2,592,559	0
Supplies	570,298	365,030	
Services	950,896	675,560	
Other Charges	385,312	99,584	
Total	\$4,851,062	\$3,732,733	\$0

Total Supply Section	\$18,173,531	\$19,345,826	\$0
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SUPPLY Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title					
01510	IT Analyst, Sr	1.00			\$103,628	
05330	Operations Mgr	2.75			474,839	
07370	Administrative Assistant	2.00			185,104	
11200	Management Analyst II	1.75			207,652	
20040	Engineering Technician IV	1.00			132,714	
20110	Engineering Technician II	1.00			112,902	
20120	Engineering Technician III	1.00			121,406	
20190	Engr Instrumentation Tech	2.00			251,860	
20600	Engineer, Senior Principal	2.00			417,936	
20660	Water Division Manager	0.75			134,538	
20700	Engineer	2.00			273,919	
20730	Engineer, Principal	3.00			548,771	
20820	Engineer, Professional	5.75			921,826	
20830	Engineer, Senior	1.00			166,582	
50210	Heavy Equipment Operator	1.00			113,766	
5060E	Water Util Wkr (Step 5 Training)	7.00			692,104	
50680	Water Supply Supervisor	1.00			146,162	
50700	Water Pump & Stor Asst Supv	2.00			282,949	
51080	Water Plant Maint Worker	4.00			467,599	
51090	Water Control Station Operators	4.00			503,531	
52360	Electrician	2.00			244,152	
53050	Water Service Mechanic	6.00			773,370	

Sub-Total	54.00	-	-	\$7,277,310	\$0	\$0
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Temporary Employees:

80280	Engineer in Training	0.17			10,816	
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FTE Total Supply	54.17	-	-	\$7,288,126	\$0	\$0
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TACOMA WATER	2017-18	2019-20	2021-22
Asset & Information Mgmt	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Asset & Information Mgmt (585300)

Salaries & Wages	\$3,325,325	\$4,780,312	
Employee Benefits	1,264,982	1,780,308	
Capital Credit & Labor To/From Others	16,154	(555,562)	
Total Personnel Costs	4,606,460	6,005,058	0
Supplies	359,594	422,485	
Services	1,033,842	1,139,498	
Other Charges	438,511	697,519	

Total Asset & Information Mgmt Section	\$6,438,406	\$8,264,560	\$0
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ASSET & INFORMATION MANAGEMENT Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title					
01360	Information Technology Supv	1.00			\$181,949	
01500	IT Analyst	3.00			348,219	
01510	IT Analyst, Senior	1.00			156,122	
07370	Administrative Assistant	1.00			94,385	
11090	Management Analyst I	1.00			87,105	
11200	Management Analyst II	4.00			480,634	
11350	Management Analyst III	4.00			525,786	
20120	Engineering Technician III	2.00			243,805	
20610	Water Division Mgr, Asst	2.00			412,465	
20640	Water Division Supt Deputy	1.00			253,370	
20700	Engineer	1.00			120,989	

Sub-Total		21.00	-	-	\$2,904,829	\$0	\$0
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Project Employees:

11350	Management Analyst III	3.00			377,850	
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Sub-Total		3.00	-	-	\$377,850	\$0	\$0
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Temporary Employees:

46020	Occupational Intern Skilled	0.18			\$5,587	
46080	IT Analyst Intern	0.17			9,737	

Sub-Total		0.35	-	-	\$15,324	\$0	\$0
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FTE Total Asset & Information Mgmt		24.35	-	-	\$3,298,003	\$0	\$0
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TACOMA WATER Finance & Analytics	2017-18 Biennium Actual	2019-20 Biennium Budget	2021-22 Biennium Budget
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SUMMARY - Section Consolidation Operation & Maintenance

Finance & Analytics (585500)

Salaries & Wages	\$1,545,481	\$2,771,192	
Employee Benefits	563,814	997,323	
Capital Credit & Labor To/From Others	31,296	(33,372)	
Total Personnel Costs	2,140,592	3,735,143	0
Supplies	20,129	33,352	
Services	138,791	725,320	
Other Charges	80,026	140,289	

Total Finance & Analytics Section	\$2,379,537	\$4,634,104	\$0
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FINANCE & ANALYTICS Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title					
05800	Utilities Economist	1.00			\$152,398	
05820	Utilities Economist, Sr	1.00			149,022	
07210	Project Manager, Sr	1.00			162,496	
07370	Administrative Assistant	1.00			80,206	
11090	Management Analyst I	1.00			106,602	
11200	Management Analyst II	2.00			241,334	
11350	Management Analyst III	4.00			522,620	
20610	Water Division Manager, Asst	2.00			396,820	
20660	Water Division Manager	1.00			222,513	

Sub-Total		14.00	-	-	\$2,034,011	\$0	\$0
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Temporary Employees:

46020	Occupational Intern Skilled	0.18			5,587		
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FTE Total Finance & Analytics		14.18	-	-	\$2,039,598	\$0	\$0
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TACOMA WATER Taxes	2017-18 Biennium Actual	2019-20 Biennium Budget	2021-22 Biennium Budget
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TAX PAYMENTS

City of Tacoma:			
Gross Earnings Tax (8.0%)	\$14,839,274	\$14,132,161	\$15,735,417
State of Washington:			
Utility & Business Taxes	8,647,916	8,380,257	9,426,027
Other*	1,402,000	1,525,255	2,263,052
	<hr/>	<hr/>	<hr/>
Subtotal	24,889,189	24,037,673	27,424,496
Anticipated Additional Revenue**			
Gross Earnings Tax (8.0%)		509,098	463,007
Utility & Business Taxes		320,031	289,888
Other*		0	0
		<hr/>	<hr/>
		829,129	752,895
Total Tacoma Water Taxes	\$24,889,189	\$24,866,802	\$28,177,391

* 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	2017-18	2019-20	2021-22
Debt Service	Biennium Actual	Biennium Budget	Biennium Budget

DEBT SERVICE SUMMARY

Interest	\$29,744,843	\$27,890,453	\$25,663,759
Principal	24,330,222	25,326,033	24,933,825

Total Debt Service	\$54,075,065	\$53,216,486	\$50,597,584
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DEBT SERVICE DETAIL

BONDS

2005 Bonds	Interest	\$503	\$500	\$500
\$5,000 remaining after refund	Principal	0	0	0

2009 Build America Bonds	Interest	8,822,167	8,830,661	8,830,661
\$76,775,000				

2010 Refunding of 2001 Bonds	Interest	2,347,875	1,853,400	0
\$26,395,000	Principal	4,785,425	8,360,000	0

2010 Build America Bonds	Interest	8,154,794	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	Principal	0	0	0

2015 Refunding Bonds	Interest	1,473,937	1,158,000	825,230
\$18,430,000	Principal	5,825,838	3,110,000	3,439,583

2020 Bank Loan Refunding of 2010	Interest	0	0	295,000
\$17,466,514	Principal	0	0	9,078,785

LOANS

Public Works Trust Fund Loans	Interest	227,497	186,629	120,344
	Principal	5,393,531	5,393,542	4,167,701

State Drinking Water Fund Loans	Interest	2,104,449	1,758,158	1,488,919
	Principal	8,325,428	8,462,492	8,247,756

2018 Interest During Construction		665,222	0	0
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Total Debt Service	\$54,075,065	\$53,216,486	\$50,597,584
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TACOMA WATER	2019-20	2021-22
Capital Outlay	Biennium Budget	Biennium Budget

SUMMARY

General Plant	\$16,795,574	\$38,867,535
Water Source	8,329,371	18,557,947
Water Treatment	4,173,620	3,296,359
Water Distribution	32,067,914	18,609,380

Sub-Total	\$61,366,479	\$79,331,221
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Projects Funded from Existing Bonds	(26,254,910)	0
Projects Funded from Water Operating Reserve Fund	0	30,851,215
Projects Funded from Water Capital Reserve Fund	0	41,719,154
Projects Funded from System Development Charge Fund	0	6,760,852

Total Operating Fund Capital Outlay	\$35,111,569	\$79,331,221
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General Plant

UTS and Customer Service Projects	\$2,506,266	\$1,953,208
Advanced Meter Infrastructure (AMI)	13,108,675	23,762,856
Non-Program AMI Costs	0	5,176,800
Land Purchases and Contingency	500,000	1,374,000
Unanticipated Capital Project Contingency	680,633	1,200,000
Fleet Additions and Replacements	0	5,400,671
General Plant Total	\$16,795,574	\$38,867,535

Water Source

Cathodic Protection	\$500,000	\$350,000
Well Renewal and Replacement	400,000	0
Supply Tools	50,000	0
Supply System Improvements	702,825	0
Hood Street Reservoir Seismic Improvements	1,047,600	3,056,700
Water Operations Building Renovations and Seismic Improvements	4,129,800	4,429,395
Replace PL1 at Puyallup River	200,000	0
Seismic Improvement to Steel Reservoirs	304,146	0
Addition of Isolation Valve at Indian Hill Reservoir	100,000	0
Well 12A Pipe Supports	100,000	0
Add Seismic Valves to Alaska Street Reservoir	195,000	0
McMillin PS#1 and McMillin Gate House Genset Replacement	200,000	0
Re-Architecture of SCADA Network for connection to TPU Ops LAN	400,000	0
South Tacoma Pump Station and Hood Street Facilities Improvemer	0	1,540,000
Groundwater Prioritization	0	2,770,000

TACOMA WATER	2019-20	2021-22
Capital Outlay	Biennium Budget	Biennium Budget

Pipeline 1 Pressurization	0	750,000
Tacoma Water SCADA Modernization	0	275,000
Tehlaeh 950 Reservoir and 1010 Pump Station	0	5,386,852
Water Source Total	\$8,329,371	\$18,557,947

Water Treatment

Built Forestland Assets	\$75,000	\$50,000
Palmer Area Improvements	50,000	385,000
Muckleshoot Agreement	500,000	500,000
Corrosion Control GPL Wells	2,000,000	1,090,000
Portable Sample Stations	0	5,000
Dedicated Distribution System Sample Stations	48,000	32,000
MIT Kapowsin Remediation	594,902	457,433
Water Treatment Tools and Equipment	200,000	0
1st Diversion:		
North Fork Wells PFC Capacitors	0	51,448
North Fork Wells Renewal and Replacement	299,746	225,463
North Fork Wells Control Valves	53,052	23,873
North Fork 7 Motor	15,916	0
HCP Culvert Replacement	24,444	0
Watershed Tools and Equipment	43,452	43,450
Watershed Betterments	86,905	86,900
Major Treatment Equipment	123,839	141,864
Security Gates and Cameras	58,364	58,370
Fleet Additions and Replacements	0	145,558
Water Treatment Total	\$4,173,620	\$3,296,359

Water Distribution

FRP: Franchise Required Projects	\$200,000	\$350,000
MRP: Proposition 3/Proposition A Projects	200,000	200,000
MRP: Projects of Opportunity	0	7,866,243
WDP: Water Division Projects	1,867,250	200,000
MRP: Main Replacement Projects	9,333,398	0
MRP: Galvanized Main Replacement Projects	2,307,596	0
MRP: Sound Transit Light Rail Ext MLK	3,297,204	0
MRP: Curran Road Improvements	2,196,414	0
Main Retirements	100,000	50,000
LID/Contract Contributions	200,000	0
Lead Gooseneck Replacement Program	5,527,052	400,000
Hydrant Installation and Replacements	460,000	460,000

TACOMA WATER	2019-20	2021-22
Capital Outlay	Biennium Budget	Biennium Budget
Service Renewal and Replacements	4,685,000	4,674,051
Valve Installation and Replacements	655,000	655,000
Capital Meters	650,000	260,000
Blowoff Installation and Replacements	335,000	335,000
Water Bottle Refill Stations	54,000	28,867
Portable Test Meter	0	10,000
MRP: Modern Driven Projects	0	381,533
Curran Road Acquisition	0	2,708,686
Large Meter Test Bench	0	30,000
Water Distribution Total	\$32,067,914	\$18,609,380
Total Capital Outlay	\$61,366,479	\$79,331,221

REGIONAL WATER SUPPLY SYSTEM (RWSS)

TACOMA PUBLIC UTILITIES

2021-2022

BIENNIUM BUDGET

MEMORANDUM ONLY

REGIONAL WATER SUPPLY SYSTEM Biennial Budget - Memorandum Only	2019-20 Biennium Budget	2021-22 Biennium Budget
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REVENUE

Operating Revenue		
Operations - Partners	\$4,830,176	\$5,169,954
Operations - Tacoma	4,561,866	4,808,161
Total Operating Revenue	9,392,042	9,978,115
Debt Service - Partners	5,448,138	5,435,684
BABs Interest Federal Subsidy - Partners	389,537	415,127
Debt Service - Tacoma	7,482,378	7,529,169
BABs Interest Federal Subsidy - Tacoma	1,229,025	1,219,066
Total Debt Service	14,549,077	14,599,046
Non-Operating Revenue		
Capital - Partners	1,421,018	537,544
Capital - Tacoma	1,015,013	384,013
Capital - Other	0	0
Total Capital	2,436,031	921,557
Interest	0	44,000
Total Non Operating Revenue	16,985,108	15,564,603
Total Revenue	\$26,377,150	\$25,542,718

EXPENDITURES

Personnel Costs	\$3,939,961	\$4,659,781
Supplies	2,656,063	2,494,675
Services	1,793,621	1,851,783
Other Charges	1,002,397	971,876
Debt Service	14,549,077	14,599,046
Capital Outlay	2,436,031	921,557
Interest	0	44,000
Total Expenditures	\$26,377,150	\$25,542,718

REGIONAL WATER SUPPLY SYSTEM	2019-20	2021-22
Biennial Budget - Memorandum Only	Biennium Budget	Biennium Budget

DEBT SERVICE

2010 BABs & Tax Exempt Bonds		
Debt Interest	\$3,360,416	\$3,318,067
BABs Subsidy	1,618,561	1,634,193
Debt Principal	610,000	647,500
2013 Refunding Bond		
Debt Interest	5,480,100	5,105,954
Debt Principal	3,480,000	3,893,332

Total Debt Service	\$14,549,077	\$14,599,046
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CAPITAL OUTLAY

Watershed Tools and Equipment	\$56,548	\$56,550
Watershed Betterments	113,095	113,100
Major Treatment & Equipment	161,161	184,636
North Fork Wells Renewal & Replacement	265,254	199,538
North Fork Wells Control Valves	46,948	21,128
North Fork 7 Motor	14,084	0
Security Gates & Camera	71,635	71,630
HCP Culvert Replacement	30,556	0
HH Additional Water Storage Project	40,000	40,000
MIT Fish Restoration Facility	1,636,750	0
Fleet Additions & Replacements	0	189,443
North Fork Wells PFC Capacitors	0	45,532

Total Capital Outlay	\$2,436,031	\$921,557
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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. Tacoma Rail also participates 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 to continuously improve its 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. Tacoma Rail monitors and maintains accurate inventory of all railcars in its 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. Tacoma Rail is a vanguard in environmentally beneficial management practices and conscientious stewards of the environment with resources used.

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. Tacoma Rail also assists 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	2017-18	2019-20	2021-22
Recapitulation of Biennial Budget	Biennium Actual	Biennium Budget	Biennium Budget

REVENUE

Switching Revenue	\$57,289,711	\$64,371,705	\$68,627,032
Miscellaneous Revenue	6,592,400	8,048,000	7,722,000
Total Operating Revenue	63,882,111	72,419,705	76,349,032
Other Income	2,365,159	2,946,301	1,982,626

Total Revenue & Available Funds	\$66,247,269	\$75,366,006	\$78,331,658
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EXPENDITURES

Personnel Costs	\$32,751,908	\$33,984,306	\$37,305,788
Supplies, Services & Other Charges	21,252,682	23,024,900	24,638,372
Taxes	6,202,632	7,016,314	7,639,000
Debt Service	1,640,493	1,640,486	1,768,498
Capital Outlay	1,078,421	9,700,000	6,980,000

Total Expenditures	\$62,926,136	\$75,366,006	\$78,331,658
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CAPITAL OUTLAY FINANCING DETAIL

Funded from Operating Fund		\$9,700,000	\$6,980,000
Funded from Anticipated Bank Loan Proceeds/Grants		2,550,000	3,260,000

Total Capital Outlay		\$12,250,000	\$10,240,000
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PERSONNEL - Budgeted FTEs	118.0 / 118.0	126.0 / 126.0	127.0 / 127.0
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TACOMA RAIL	2017-18	2019-20	2021-22
Revenue	Biennium Actual	Biennium Budget	Biennium Budget

REVENUE SUMMARY

Switching Revenue	57,289,711	\$64,371,705	\$68,627,032
Miscellaneous Revenue	6,592,400	8,048,000	7,722,000
Total Operating Revenue	63,882,111	72,419,705	76,349,032

Other Income	2,365,159	2,946,301	1,982,626
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Total Revenue & Available Funds	\$66,247,269	\$75,366,006	\$78,331,658
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REVENUE DETAIL

Switching Revenue

Line Hauls & Local	\$54,582,342	\$61,656,705	\$65,987,032
Demurrage	2,707,369	2,715,000	2,640,000
Total Switching Revenue	57,289,711	64,371,705	68,627,032

Locomotive Servicing	6,088,308	7,350,000	7,200,000
Miscellaneous Revenue	504,092	698,000	522,000
Total Miscellaneous Revenue	6,592,400	8,048,000	7,722,000

Total Operating Revenue	63,882,111	72,419,705	76,349,032
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Other Income

Rent & Other Income	2,110,400	2,220,000	962,400
Interest Income	254,759	225,000	390,000
Total Non-Operating Revenue	2,365,159	2,445,000	1,352,400

Appropriation from Fund Balance	0	501,301	630,226
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Total Revenue & Available Funds	\$66,247,269	\$75,366,006	\$78,331,658
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TACOMA RAIL	2017-18	2019-20	2021-22
Division Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Operation and Maintenance by Section

Rail Administration	\$18,988,567	\$21,346,001	\$21,325,796
Operations	22,926,590	24,502,263	26,589,274
Mechanical	12,728,731	13,089,567	16,013,329
Construction	5,563,334	5,087,688	5,654,760

Total for Division	\$60,207,222	\$64,025,520	\$69,583,160
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SUMMARY - Operation and Maintenance by Category

Salaries & Wages	\$22,138,345	\$25,690,332	\$26,559,347
Employee Benefits	11,888,553	9,896,973	11,366,441
Capital Credit & Labor To/From Others	(1,274,990)	(1,603,000)	(620,000)
Total Personnel Costs	32,751,908	33,984,306	37,305,788
Supplies	2,782,682	2,899,812	2,767,091
Services	8,680,485	9,547,202	13,215,254
Other Charges	6,556,141	6,529,080	3,766,652
Assessments	3,233,375	4,048,806	4,889,375
Taxes	6,202,632	7,016,314	7,639,000

Total for Division	\$60,207,222	\$64,025,520	\$69,583,160
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TACOMA RAIL Position Requirements		Positions Budgeted			Wages & Benefits Budgeted		
		2020	2021	2022	2020	2021	2022
Code	Classification Title						
05330	Operations Mgr	3.00	4.00	4.00	\$545,323	\$750,715	\$764,528
07390	Office Manager	1.00	1.00	1.00	135,758	140,471	143,000
08300	Utilities Dir Dpty Rail Supt	1.00	1.00	1.00	274,806	281,874	286,634
11200	Management Analyst II	5.00	4.00	4.00	636,848	548,383	558,348
11220	Safety Officer	-	1.00	1.00	0	134,610	142,908
11350	Management Analyst III	2.00	2.00	2.00	316,936	328,318	334,680
71010	Railway Yard Clerk	5.00	5.00	5.00	593,731	634,893	645,391
71060	Railway Conductor	46.00	46.00	46.00	5,613,866	5,695,428	5,808,904
71110	Locomotive Engineer	20.00	20.00	20.00	2,575,379	2,663,461	2,722,971
71150	Railway Yardmaster	6.00	6.00	6.00	919,270	935,996	954,657
71190	Railway Track Inspect	1.00	1.00	1.00	112,612	118,614	120,874
71200	Railway Track Mnt Worker	5.00	5.00	5.00	509,341	549,674	560,073
71210	Railway Track Mnt Supvr	1.00	1.00	1.00	117,471	123,025	125,342
71260	Railway Roadmaster	1.00	1.00	1.00	194,562	201,039	204,871
71270	Rail Supervisor of Operations	7.00	7.00	7.00	1,104,213	1,144,606	1,165,812
71280	Rail Chief Administrative Officer	1.00	1.00	1.00	192,627	199,105	202,936
71290	Rail Chief Info/Financial Officer	1.00	1.00	1.00	192,627	199,105	202,936
71300	Rail Chief Mechanical Officer	1.00	1.00	1.00	175,187	180,998	183,612
71400	Locomotive Mechanic I	11.00	11.00	11.00	1,277,131	1,355,922	1,385,859
71410	Locomotive Mechanic, Sr	3.00	3.00	3.00	392,493	408,509	415,955
71420	Railway Shop Worker	2.00	2.00	2.00	195,103	208,956	213,197
71450	Railway Track Eq Mech Welder	1.00	1.00	1.00	121,819	119,519	121,812
71520	Rail Superintendent, Asst	2.00	2.00	2.00	464,135	477,647	486,188
FTE Total Tacoma Rail		126.00	127.00	127.00	\$16,661,238	\$17,400,866	\$17,751,488

TACOMA RAIL Administration	2017-18 Biennium Actual	2019-20 Biennium Budget	2021-22 Biennium Budget
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SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$3,517,118	\$4,003,161	\$4,316,781
Employee Benefits	1,306,384	1,398,245	1,631,591
Capital Credit & Labor To/From Others	46,535	20,000	230,000
Total Personnel Costs	4,870,037	5,421,406	6,178,372
Supplies	562,068	397,312	395,191
Services	342,782	578,173	554,499
Other Charges	2,236,006	2,383,990	1,669,360
Taxes	6,202,632	7,016,314	7,639,000
Volume Incentive	1,541,669	1,500,000	0
Assessments	3,233,375	4,048,806	4,889,375

Total Operation & Maintenance	\$18,988,567	\$21,346,001	\$21,325,796
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Finance & Technology (591001)

Salaries & Wages	\$863,481	\$953,160	\$986,281
Employee Benefits	336,318	337,374	387,867
Capital Credit & Labor To/From Others	3,880	0	0
Total Personnel Costs	1,203,679	1,290,534	1,374,148
Supplies	117,807	121,000	120,000
Services	2,013	2,600	7,400
Other Charges	25,581	36,120	41,200
Total	\$1,349,079	\$1,450,254	\$1,542,748

Administrative Support (591002)

Salaries & Wages	\$1,363,338	\$1,513,299	\$1,729,712
Employee Benefits	588,705	615,334	732,143
Capital Credit & Labor To/From Others	0	0	0
Total Personnel Costs	1,952,043	2,128,633	2,461,855
Supplies	1,947	2,400	6,200
Services	89	40	23,795
Other Charges	21,899	46,010	54,740
Total	\$1,975,978	\$2,177,083	\$2,546,590

TACOMA RAIL Administration	2017-18 Biennium Actual	2019-20 Biennium Budget	2021-22 Biennium Budget
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Safety & Compliance (591003)

Salaries & Wages	\$483,919	\$695,641	\$726,761
Employee Benefits	176,734	252,362	289,425
Capital Credit & Labor To/From Others	294	0	0
Total Personnel Costs	660,947	948,003	1,016,187
Supplies	39,229	64,200	49,900
Services	92,601	306,300	202,900
Other Charges	35,590	49,460	50,420
Total	\$828,366	\$1,367,963	\$1,319,407

Administration (591004)

Salaries & Wages	\$806,380	\$841,061	\$874,026
Employee Benefits	204,628	193,175	222,156
Capital Credit & Labor To/From Others	42,361	20,000	230,000
Total Personnel Costs	1,053,369	1,054,236	1,326,182
Supplies	403,085	209,712	219,091
Services	248,078	269,233	320,403
Other Charges	2,152,936	2,252,400	1,523,000
Taxes	6,202,632	7,016,314	7,639,000
Volume Incentive	1,541,669	1,500,000	0
Assessments	3,233,375	4,048,806	4,889,375
Total	\$14,835,144	\$16,350,701	\$15,917,051

Total Rail Administration Section	\$18,988,567	\$21,346,001	\$21,325,796
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TACOMA RAIL Operations	2017-18 Biennium Actual	2019-20 Biennium Budget	2021-22 Biennium Budget
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SUMMARY - Section Consolidation Operation & Maintenance

Rail Operations (592101)

Salaries & Wages	\$14,513,937	\$16,145,474	\$16,310,302
Employee Benefits	6,198,009	6,332,772	7,238,839
Capital Credit & Labor To/From Others	(954,794)	(970,000)	(700,000)
Total Personnel Costs	19,757,153	21,508,246	22,849,141
Supplies	201,436	192,000	214,000
Services	2,000,759	1,886,057	2,591,994
Other Charges	967,242	915,960	934,140

Total Operations Section	\$22,926,590	\$24,502,263	\$26,589,274
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TACOMA RAIL	2017-18	2019-20	2021-22
Mechanical	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$2,648,712	\$3,464,475	\$3,956,766
Employee Benefits	2,861,686	1,326,658	1,584,074
Capital Credit & Labor To/From Others	66	0	0
Total Personnel Costs	5,510,464	4,791,133	5,540,840
Supplies	1,079,305	1,291,200	1,139,000
Services	4,765,478	5,768,334	8,667,497
Other Charges	1,373,483	1,238,900	665,992
Taxes	0	0	0

Total Operation & Maintenance	\$12,728,731	\$13,089,567	\$16,013,329
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Administration Associated Crews (592201)

Salaries & Wages	\$2,649,551	\$3,464,475	\$3,956,766
Employee Benefits	2,861,686	1,326,658	1,584,074
Capital Credit & Labor To/From Others	(773)	0	0
Total Personnel Costs	5,510,464	4,791,133	5,540,840
Supplies	85,600	64,600	116,600
Services	2,295	2,500	2,700
Other Charges	23,194	54,900	53,000
Total	\$5,621,554	\$4,913,133	\$5,713,140

Repair & Maintenance of Locomotive Equipment (592202)

Salaries & Wages	(\$839)	\$0	\$0
Employee Benefits	0	0	0
Capital Credit & Labor To/From Others	839	0	0
Total Personnel Costs	0	0	0
Supplies	993,705	1,226,600	1,022,400
Services	4,763,183	5,765,834	8,664,797
Other Charges	1,350,289	1,184,000	612,992
Taxes	0	0	0
Total	\$7,107,176	\$8,176,434	\$10,300,189

Total Mechanical Section	\$12,728,731	\$13,089,567	\$16,013,329
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TACOMA RAIL Construction	2017-18 Biennium Actual	2019-20 Biennium Budget	2021-22 Biennium Budget
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SUMMARY - Section Consolidation Operation & Maintenance

Salaries & Wages	\$1,458,578	\$2,077,222	\$1,975,498
Employee Benefits	1,522,474	839,299	911,937
Capital Credit & Labor To/From Others	(366,798)	(653,000)	(150,000)
Total Personnel Costs	2,614,254	2,263,520	2,737,435
Supplies	939,873	1,019,300	1,018,900
Services	1,571,465	1,314,638	1,401,264
Other Charges	437,742	490,230	497,160
Total Operation & Maintenance	\$5,563,334	\$5,087,688	\$5,654,760

Administrative Misc. Crews (592301)

Salaries & Wages	\$1,461,173	\$2,077,222	\$1,975,498
Employee Benefits	1,522,474	839,299	911,937
Capital Credit & Labor To/From Others	(442,497)	(680,000)	(300,000)
Total Personnel Costs	2,541,150	2,236,520	2,587,435
Supplies	292	1,100	900
Services	204	500	500
Other Charges	21,847	47,560	44,260
Total	\$2,563,494	\$2,285,680	\$2,633,095

Maintenance Track & Equipment (592302)

Salaries & Wages	(\$2,595)	\$0	\$0
Employee Benefits	0	0	0
Capital Credit & Labor To/From Others	15,717	0	0
Total Personnel Costs	13,122	0	0
Supplies	734,947	811,200	823,000
Services	1,042,306	948,138	926,324
Other Charges	16,442	28,250	10,700
Total	\$1,806,817	\$1,787,588	\$1,760,024

TACOMA RAIL Construction	2017-18 Biennium Actual	2019-20 Biennium Budget	2021-22 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	59,982	27,000	150,000
Total Personnel Costs	59,982	27,000	150,000
Supplies	204,633	207,000	195,000
Services	528,955	366,000	474,440
Other Charges	399,453	414,420	442,200
Total	\$1,193,023	\$1,014,420	\$1,261,640

Total Construction Section	\$5,563,334	\$5,087,688	\$5,654,760
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TACOMA RAIL	2017-18	2019-20	2021-22
Taxes	Biennium Actual	Biennium Budget	Biennium Budget

TAX PAYMENTS

City of Tacoma:

Gross Earnings Tax (8.0%)	\$5,299,820	\$5,985,000	\$6,319,000
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State of Washington:

Utility & Business Tax	897,625	1,030,000	1,315,000
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Other Taxes

5,187	1,314	5,000
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Total Tacoma Rail Taxes	\$6,202,632	\$7,016,314	\$7,639,000
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TACOMA RAIL	2017-18	2019-20	2021-22
Debt Service	Biennium Actual	Biennium Budget	Biennium Budget

DEBT SERVICE SUMMARY

Interest	\$0	\$0	\$0
Principal	1,640,493	1,640,486	1,768,498

Total Debt Service	\$1,640,493	\$1,640,486	\$1,768,498
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DEBT SERVICE DETAIL

Rail Bank Loans	Principal	1,640,493	1,640,486	1,768,498
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Total Debt Service		\$1,640,493	\$1,640,486	\$1,768,498
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TACOMA RAIL	2019-20	2021-22
Capital Outlay	Biennium Budget	Biennium Budget

SUMMARY

General Plant	\$41,084	\$0
Communications	400,000	0
Facility Upgrades	3,300,000	4,085,000
Rail Equipment/Vehicles	2,675,000	1,510,000
Track Improvements	5,833,916	4,645,000

Sub-Total	\$12,250,000	\$10,240,000
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Projects Funded from Grants	(\$2,100,000)	(\$2,660,000)
Projects Funded from Rail Bank Loan Proceeds	(450,000)	0
Projects Funded from Anticipated Bank Loan Proceeds	0	(600,000)

Total Operating Fund Capital Outlay	\$9,700,000	\$6,980,000
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General Plant

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

Communications

Radio Repeater Upgrades	\$400,000	\$0
Communications Total	\$400,000	\$0

Facility Upgrades

Cameras	\$0	\$190,000
West Barn Roof	0	195,000
West Shop Floors	0	500,000
ITS Project	300,000	300,000
Secondary Fueling Upgrades	2,900,000	2,900,000
Locomotive Load Box	50,000	0
Stormwater Treatment and Filtration	50,000	0
Facility Upgrades Total	\$3,300,000	\$4,085,000

TACOMA RAIL	2019-20	2021-22
Capital Outlay	Biennium Budget	Biennium Budget

Rail Equipment/Vehicles

Track Ballast Tamper	\$0	\$400,000
Locomotive Repower	2,500,000	750,000
Lift Truck (Fork Lift)	25,000	0
Vehicles	150,000	360,000
Rail Equipment/Vehicles Total	\$2,675,000	\$1,510,000

Track Improvement Projects

Yard Track Upgrades	\$0	\$1,100,000
Bootjack/Transfer Lead Upgrades	0	245,000
Taylor Way Wye Curve Relay	0	125,000
Lincoln Track Upgrades (Blair)	0	675,000
Port Road - Lianga Curve	0	700,000
Port Road - HITW Stub	0	100,000
US Oil Crossings	0	700,000
Tidelands Infrastructure Improvements	1,633,916	1,000,000
Tote Yard Upgrades	1,000,000	0
Marine View Drive Rail Relay	1,700,000	0
Marine View Drive Crossing Signals	1,250,000	0
Taylor Way Crossings	250,000	0
Track Improvement Projects Total	\$5,833,916	\$4,645,000

Total Capital Outlay	\$12,250,000	\$10,240,000
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FLEET SERVICES	2017-18	2019-20	2021-22
Recapitulation of Biennial Budget	Biennium Actual	Biennium Budget	Biennium Budget

REVENUE

Replacement Fees	\$4,995,043	\$6,979,830	\$592,774
Administrative Overhead	2,730,422	2,827,007	2,444,110
Fees for Services	4,727,897	6,721,751	8,514,837
Total Operating Revenue	12,453,363	16,528,588	11,551,721
Other Income	1,065,084	50,000	50,000
Appropriation from Fund Balance	0	9,800,670	0

Total Revenue & Available Funds	\$13,518,447	\$26,379,258	\$11,601,721
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EXPENDITURES

Personnel Costs	\$5,982,492	\$6,767,495	\$7,974,817
Supplies	128,860	237,576	212,196
Services	644,174	506,928	987,962
Other Charges	783,867	738,193	864,085
Assessments	1,359,841	1,348,567	969,887
Total Operations & Maintenance	8,899,234	9,598,758	11,008,947
Capital Outlay	7,979,211	16,780,500	592,774

Total Expenditures	\$16,878,445	\$26,379,258	\$11,601,721
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PERSONNEL - Budgeted FTEs	29.00 / 29.00	30.00 / 30.00	32.00 / 32.00
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FLEET SERVICES	2017-18	2019-20	2021-22
Revenue	Biennium Actual	Biennium Budget	Biennium Budget

REVENUE SUMMARY

Operating Revenue

Replacement Fees	\$4,995,043	\$6,979,830	\$592,774
Administrative Overhead	2,730,422	2,827,007	2,444,110
Maintenance - Labor	3,878,514	5,811,751	7,614,837
Maintenance - Parts Overhead	418,666	425,000	450,000
Fuel Overhead	119,632	175,000	115,000
Pool Car Use	253,645	250,000	275,000
Misc. Work Order Revenue	57,440	60,000	60,000
Total Operating Revenue	12,453,363	16,528,588	11,551,721

Non-Operating Revenue

Interest	135,300	50,000	50,000
Other Revenue	929,784	0	0
Total Non-Operating Revenue	1,065,084	50,000	50,000

Appropriation from Fund Balance	0	9,800,670	0
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Total Revenue & Available Funds	\$13,518,447	\$26,379,258	\$11,601,721
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FLEET SERVICES	2017-18	2019-20	2021-22
Division Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Operation and Maintenance by Category

Salaries & Wages	\$4,045,356	\$4,770,353	\$5,232,119
Employee Benefits	2,108,949	1,997,142	2,742,699
Capital Credit & Labor To/From Others	(171,813)	0	0
Total Personnel Costs	5,982,492	6,767,495	7,974,817
Supplies	128,860	237,576	212,196
Services	644,174	506,928	987,962
Other Charges	783,867	738,193	864,085
Assessments	1,359,841	1,348,567	969,887

Total Operation & Maintenance	\$8,899,234	\$9,598,758	\$11,008,947
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Capital Outlay	7,979,211	16,780,500	592,774
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Total for Division	\$16,878,445	\$26,379,258	\$11,601,721
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Fleet Services Administration (574200)

Salaries & Wages	\$740,337	\$924,756	\$1,234,574
Employee Benefits	299,759	353,389	542,603
Capital Credit & Labor To/From Others	55,731	0	0
Total Personnel Costs	1,095,828	1,278,145	1,777,177
Supplies	33,541	32,926	36,817
Services	261,790	142,575	121,361
Other Charges	153,783	159,218	165,156
Assessments	1,359,841	1,348,567	969,887
Total	\$2,904,783	\$2,961,431	\$3,070,398

Fleet Services Shop (574201)

Salaries & Wages	\$2,890,821	\$3,421,199	\$3,554,899
Employee Benefits	1,615,694	1,453,842	1,974,103
Capital Credit & Labor To/From Others	(227,544)	0	0
Total Personnel Costs	4,278,971	4,875,041	5,529,001
Supplies	111,737	146,150	157,510
Services	178,414	103,663	323,893
Other Charges	542,011	478,595	579,699
Total	\$5,111,133	\$5,603,449	\$6,590,103

FLEET SERVICES	2017-18	2019-20	2021-22
Division Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

Fleet Services Parts (574202)

Salaries & Wages	\$414,230	\$424,398	\$442,646
Employee Benefits	193,496	189,911	225,993
Capital Credit & Labor To/From Others	0	0	0
Total Personnel Costs	607,726	614,309	668,639
Supplies	(35)	8,000	10,870
Services	19,732	20,714	36,089
Other Charges	29,017	50,280	39,230
Total	\$656,440	\$693,303	\$754,827

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	(24)	0	0
Services	4,865	2,200	2,536
Other Charges	(1,762)	0	0
Total	\$3,079	\$2,200	\$2,536

Fleet Services Motor Pool (574205)

Salaries & Wages	(\$32)	\$0	\$0
Employee Benefits	0	0	0
Capital Credit & Labor To/From Others	0	0	0
Total Personnel Costs	(32)	0	0
Supplies	(16,361)	50,500	7,000
Services	179,373	237,776	504,083
Other Charges	60,818	50,100	80,000
Total	\$223,799	\$338,376	\$591,083

Total for Division	\$8,899,234	\$9,598,758	\$11,008,947
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FLEET SERVICES Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title						
02990	Vehicle Parts Asst	1.00	1.00	1.00	\$95,300	\$104,867	\$106,976
0299A	Vehicle Parts Asst +3%	1.00	1.00	1.00	104,556	109,849	112,015
03340	Fleet Services Parts Tech	1.00	1.00	1.00	110,441	115,777	118,011
05040	Financial Assistant	1.00	1.00	1.00	96,654	100,412	102,512
07370	Administrative Assistant	-	1.00	1.00	0	89,612	95,070
07380	Office Administrator	1.00	-	-	117,453	0	0
11090	Management Analyst I	1.00	2.00	2.00	87,105	201,218	205,041
11200	Management Analyst II	-	1.00	1.00	0	132,913	135,545
50040	Craft Helper	1.00	1.00	1.00	86,804	94,405	97,451
52480	Power Supervisor I	1.00	1.00	1.00	148,596	152,704	155,377
52510	Power Supervisor II	1.00	1.00	1.00	181,042	185,568	188,609
53300	Veh & Equip Shop Att	4.00	4.00	4.00	380,132	408,001	421,494
53320	Equipment Mechanic, Heavy	15.00	15.00	15.00	1,728,098	1,795,644	1,838,082
53340	Veh & Equip Shop Supv	2.00	2.00	2.00	274,778	300,840	308,581
FTE Total Fleet Services		30.00	32.00	32.00	\$3,410,959	\$3,791,811	\$3,884,764

FLEET SERVICES	2019-20	2021-22
Capital Outlay	Biennium Budget	Biennium Budget

Administration

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

Vehicles

Tacoma Power	\$13,801,500	\$0
Tacoma Water	2,450,000	0
Tacoma Rail	215,000	0
Service Divisions	274,000	592,774
Vehicles Total	\$16,740,500	\$592,774

Total Capital Outlay	\$16,780,500	\$592,774
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SELF-INSURANCE CLAIM FUND	2017-18	2019-20	2021-22
Recapitulation of Biennial Budget	Biennium Actual	Biennium Budget	Biennium Budget

REVENUE

Sources of Revenue

Transfers - Tacoma Power	\$3,100,000	\$2,000,000	\$2,075,512
Transfers - Tacoma Water	480,000	480,000	480,000
Transfers - Tacoma Rail	866,667	1,200,000	480,000
Interest	195,381	150,000	200,000
Appropriation from Fund Balance	0	2,882,450	2,480,688

Total Revenue & Available Funds	\$4,642,048	\$6,712,450	\$5,716,200
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EXPENDITURES

Secondary Labor Costs	\$8,352	\$0	\$0
Supplies	1,168	1,700	600
Services	537,160	1,506,500	1,506,500
Other Charges	3,560,913	5,012,250	4,012,100
Assessments	278,892	192,000	197,000

Total Expenditures	\$4,386,485	\$6,712,450	\$5,716,200
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FAMILY NEED FUND	2017-18	2019-20	2021-22
Recapitulation of Biennial Budget	Biennium Actual	Biennium Budget	Biennium Budget

RECEIPTS

Public Contributions	\$42,887	\$0	\$0
Tacoma Power Contribution	200,000	1,000,000	2,000,000
Interest	47,412	0	0
Appropriation from Fund Balance	0	1,500,000	500,000

Total Receipts	\$290,298	\$2,500,000	\$2,500,000
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EXPENDITURES

Family Need	\$392,883	\$2,500,000	\$2,500,000
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Total Expenditures	\$392,883	\$2,500,000	\$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	2017-18	2019-20	2021-22
Section Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Operation & Maintenance by Category

Salaries & Wages	\$8,753,754	\$10,356,363	\$11,907,126
Employee Benefits	2,923,068	3,540,857	4,635,306
Capital Credit & Labor To/From Others	(187,755)	(210,050)	(238,500)
Total Personnel Costs	11,489,067	13,687,170	16,303,932
Supplies	355,165	391,530	454,877
Services	2,108,883	2,571,767	2,113,268
Other Charges	1,761,961	2,158,353	2,247,623
Assessments	639,839	725,376	942,464

Total for TPU Administration	\$16,354,915	\$19,534,196	\$22,062,163
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Director & Board (575100)

Salaries & Wages	\$1,591,053	\$1,166,200	\$1,238,316
Employee Benefits	276,388	296,604	334,243
Capital Credit & Labor To/From Others	33,671	40,000	40,000
Total Personnel Costs	1,901,111	1,502,804	1,612,559
Supplies	73,910	72,585	102,079
Services	339,823	354,000	302,500
Other Charges	478,330	581,149	579,431
Assessments	79,942	70,677	100,036
Total	\$2,873,117	\$2,581,215	\$2,696,605

Management Services Office (575200)

Salaries & Wages	\$2,006,674	\$2,210,036	\$2,279,452
Employee Benefits	744,972	773,326	867,342
Capital Credit & Labor To/From Others	(867)	12,000	0
Total Personnel Costs	2,750,779	2,995,362	3,146,794
Supplies	33,540	42,451	69,795
Services	65,269	144,000	131,335
Other Charges	162,883	184,102	184,097
Assessments	169,016	164,713	172,537
Total	\$3,181,488	\$3,530,629	\$3,704,558

TPU ADMINISTRATION	2017-18	2019-20	2021-22
Section Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

Public Records Office (575201)

Salaries & Wages		\$672,870	\$849,463
Employee Benefits		262,369	383,411
Capital Credit & Labor To/From Others		0	0
Total Personnel Costs	0	935,239	1,232,874
Supplies		83,281	19,998
Services		81,200	43,000
Other Charges		121,048	138,515
Assessments		0	0
Total	\$0	\$1,220,768	\$1,434,387

Public Records - Body Worn Cams (575202)*

Salaries & Wages			\$485,505
Employee Benefits			269,049
Capital Credit & Labor To/From Others			0
Total Personnel Costs	0	0	754,554
Supplies			50,000
Services			0
Other Charges			0
Assessments			118,408
Total	\$0	\$0	\$922,962

*All costs assessed to General Government

Public Affairs (575701)

Salaries & Wages	\$1,469,718	\$2,025,678	\$2,064,610
Employee Benefits	490,713	695,234	746,998
Capital Credit & Labor To/From Others	240	0	0
Total Personnel Costs	1,960,671	2,720,912	2,811,608
Supplies	71,243	69,401	63,595
Services	508,154	531,650	426,614
Other Charges	177,864	247,809	489,695
Assessments	75,362	130,390	133,763
Total	\$2,793,295	\$3,700,162	\$3,925,274

TPU ADMINISTRATION	2017-18	2019-20	2021-22
Section Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

Market Development (572000)

Salaries & Wages	\$1,745,552	\$1,485,110	\$1,611,659
Employee Benefits	628,409	485,549	578,125
Capital Credit & Labor To/From Others	(6,183)	(300,000)	0
Total Personnel Costs	2,367,778	1,670,659	2,189,785
Supplies	55,348	29,576	38,298
Services	519,452	426,000	392,827
Other Charges	169,238	183,257	283,744
Assessments	79,425	88,529	93,090
Total	\$3,191,240	\$2,398,021	\$2,997,744

Account Executives (572100)

Salaries & Wages	\$577,998	\$676,267	\$873,682
Employee Benefits	218,192	239,806	346,287
Capital Credit & Labor To/From Others	10,400	0	0
Total Personnel Costs	806,591	916,072	1,219,968
Supplies	9,467	13,485	16,438
Services	81,479	48,973	39,992
Other Charges	73,948	45,357	53,298
Assessments	53,093	44,368	62,164
Total	\$1,024,578	\$1,068,255	\$1,391,860

Communications (575700)

Salaries & Wages	\$1,362,760	\$2,120,201	\$2,504,439
Employee Benefits	564,393	787,968	1,109,851
Capital Credit & Labor To/From Others	(225,016)	37,950	(278,500)
Total Personnel Costs	1,702,137	2,946,120	3,335,790
Supplies	111,657	80,751	94,674
Services	594,705	985,944	777,000
Other Charges	699,697	795,631	518,843
Assessments	183,000	226,700	262,466
Total	\$3,291,196	\$5,035,146	\$4,988,772

Total for TPU Administration	\$16,354,915	\$19,534,196	\$22,062,163
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PERSONNEL - Budgeted FTEs	38.0 / 38.0	45.0 / 45.0	54.0 / 54.0
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TPU ADMINISTRATION Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title						
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DIRECTOR & BOARD

08200	Utilities Director Exec Asst	2.00	2.00	2.00	\$270,824	\$278,901	\$283,420
08220	Utility Director	1.00	1.00	1.00	454,640	473,646	502,930

FTE Total		3.00	3.00	3.00	\$725,465	\$752,547	\$786,350
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MANAGEMENT SERVICES OFFICE

05220	Financial Manager, Senior	1.00	1.00	1.00	\$183,793	\$179,116	\$188,788
07380	Office Administrator	-	1.00	1.00	0	114,499	121,549
07390	Office Manager	1.00	-	-	107,203	0	0
07400	Records Management Supv	1.00	-	-	126,449	0	0
08190	Deputy Utilities Director	1.00	1.00	1.00	285,807	291,372	295,859
11200	Management Analyst II	2.00	3.00	3.00	209,406	350,616	367,277
11350	Management Analyst III	3.00	3.00	3.00	462,938	462,189	476,742
11370	Risk Analyst, Senior	1.00	1.00	1.00	126,575	130,532	132,952

FTE Total		10.00	10.00	10.00	\$1,502,171	\$1,528,323	\$1,583,167
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PUBLIC RECORDS OFFICE

11400	Public Disclosure Specialist	1.00	-	-	\$84,255	\$0	\$0
11410	Public Disclosure Analyst	2.00	4.00	4.00	218,800	445,346	458,858
11420	Public Disclosure Manager	1.00	1.00	1.00	142,155	155,434	161,072

FTE Total		4.00	5.00	5.00	\$445,210	\$600,780	\$619,930
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PUBLIC RECORDS BODY WORN CAMS (General Government)

11400	Public Disclosure Specialist	-	1.00	1.00	\$0	\$87,929	\$89,539
11410	Public Disclosure Analyst	-	3.00	3.00	0	286,058	291,028

FTE Total		-	4.00	4.00	\$0	\$373,987	\$380,567
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PUBLIC AFFAIRS

05040	Financial Assistant	0.34	0.34	0.34	\$31,965	\$33,221	\$33,914
07240	Government Relations Officer	1.00	1.00	1.00	224,623	229,793	233,588
07260	Government Relations Analyst	4.00	3.00	3.00	688,610	557,928	574,979
07390	Office Manager	0.34	0.34	0.34	44,117	45,453	46,281
08190	Deputy Utilities Director	1.00	1.00	1.00	228,746	233,928	236,720
12100	Community Relations Officer	1.00	2.00	2.00	114,352	258,539	274,486
46050	Department Aide	1.00	1.00	1.00	60,709	64,860	66,535

FTE Total		8.68	8.68	8.68	\$1,393,122	\$1,423,723	\$1,466,503
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TPU ADMINISTRATION Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title						
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MARKET DEVELOPMENT

01460	Business Development Manager	1.00	1.00	1.00	\$185,002	\$189,775	\$192,866
05040	Financial Assistant	0.33	0.33	0.33	31,965	33,221	33,914
07390	Office Manager	0.33	0.33	0.33	44,117	45,453	46,281
08400	Marketing & Development Mgr	1.00	1.00	1.00	223,179	228,332	232,104
08410	Market Dev Program Mgr	1.00	1.00	1.00	195,309	202,648	206,103
08420	Market Dev Research Analyst	2.00	2.00	2.00	320,010	363,707	369,674

FTE Total		5.66	5.66	5.66	\$999,582	\$1,063,136	\$1,080,943
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ACCOUNT EXECUTIVES

06180	Account Executive, Senior	3.00	3.00	3.00	\$466,036	\$483,224	\$491,513
06210	Account Executive	-	1.00	1.00	0	120,591	122,399

FTE Total		3.00	4.00	4.00	\$466,036	\$603,815	\$613,912
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COMMUNICATIONS

02200	Graphic Arts Specialist	1.00	1.00	1.00	\$99,405	\$90,554	\$92,163
02220	Graphic Arts Specialist, Lead	1.00	1.00	1.00	110,230	97,181	98,840
05040	Financial Assistant	0.33	0.33	0.33	31,965	33,221	33,914
07390	Office Manager	0.33	0.33	0.33	44,117	45,453	46,281
08020	Community Relations Spec	2.00	2.00	2.00	258,651	266,647	271,535
08050	Community/Media Svcs Mgr	2.00	1.00	1.00	411,706	210,900	214,481
12110	Community Relations Officer	1.00	5.00	5.00	132,686	694,954	712,709
55060	Marketing Coordinator	-	2.00	2.00	0	209,489	213,380
55080	Media Specialist	3.00	1.00	1.00	381,852	113,864	115,623

FTE Total		10.66	13.66	13.66	\$1,470,614	\$1,762,263	\$1,798,926
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FTE Total TPU Administration		45.00	54.00	54.00	\$7,002,200	\$8,108,573	\$8,330,297
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TPU SUPPORT SERVICES Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title
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TPU SAFETY

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

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

00060 Office Assistant	1.00	1.00	1.00	\$83,495	\$89,072	\$91,039
04010 Real Estate Specialist, Sr	3.00	3.00	3.00	382,451	399,295	409,099
20540 Public Works Division Mgr	0.10	0.10	0.10	21,435	22,073	22,442
20550 Public Works Div Mgr Asst	0.15	0.15	0.15	29,575	30,512	31,035
23430 Real Estate Officer	2.00	2.00	2.00	289,819	300,506	305,797
23440 Real Estate Officer, Senior	1.00	1.00	1.00	134,512	171,585	174,460

FTE Total	7.25	7.25	7.25	\$941,288	\$1,013,044	\$1,033,871
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TPU UTS SOFTWARE & DESKTOP SUPPORT

01510 IT Analyst, Senior	3.00	1.00	1.00	\$363,377	\$160,304	\$163,058
01520 IT Analyst, Senior Tech	3.00	1.00	1.00	496,856	168,901	171,745
01600 Integration Developer	-	1.00	1.00	0	175,974	178,903
11200 Management Analyst II	1.00	2.00	2.00	104,703	241,605	245,783

FTE Total	7.00	5.00	5.00	\$964,936	\$746,784	\$759,488
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FTE Total TPU Support Services	16.25	12.25	12.25	\$2,157,049	\$1,759,828	\$1,793,359
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CUSTOMER SERVICES	2017-18	2019-20	2021-22
Division Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

SUMMARY - Operation & Maintenance by Category

Salaries & Wages	\$21,148,825	\$23,538,872	\$25,792,306
Employee Benefits	9,376,756	9,981,044	11,961,154
Capital Credit & Labor To/From Others	(314,232)	(696,101)	(974,000)
Total Personnel Costs	30,211,349	32,823,815	36,779,460
Supplies	916,328	1,099,847	1,179,965
Services	1,737,766	2,353,154	3,545,399
Other Charges	4,024,337	4,958,880	4,961,751
Assessments	4,004,486	4,326,700	4,440,308
Total Operation & Maintenance	40,894,266	45,562,395	50,906,883
Capital Outlay	2,186,677	584,420	147,000

Total for Customer Services	\$43,080,943	\$46,146,815	\$51,053,883
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SUMMARY - Operation & Maintenance by Cost Center

Customer Services Administration

579500 TPU CS Support Services	\$1,267,114	\$1,192,665	\$1,242,979
579600 TPU CS Switchboard	141,894	159,493	182,377
579700 TPU CS Administration	5,195,542	5,717,280	5,554,969

Customer Services Performance Solutions

578800 TPU CS Performance Solutions	2,187,266	2,866,501	3,987,742
577100 TPU CS Training	864,137	1,133,184	1,489,425

Customer Services Operations

578500 TPU CS Billing	3,585,909	4,463,426	2,643,828
578900 TPU CS Operations Admin	1,402,193	1,337,183	1,619,065
579100 TPU CS Mail Svcs	3,078,672	3,628,121	3,565,127
579200 TPU CS Field Investigation	4,221,802	4,135,498	4,831,438
579300 TPU TMB Mail Services	597,317	657,922	677,891
579400 TPU CS Meter Reading	3,837,499	3,883,741	4,810,656

Customer Services Customer Solutions

572400 TPU CS PayGo	541,448	580,165	0
572500 TPU CS Customer Solutions	1,161,022	2,194,876	3,193,798
579000 TPU CS Business Solutions	1,053,204	1,226,458	2,054,909

Customer Services Business Office

577200 TPU CS Contact Center	6,950,227	7,353,134	10,388,186
578100 TPU CS Lobby Svcs	1,906,102	2,299,093	2,160,537
579900 TPU CS Bus Office Admin	2,902,920	2,733,655	2,503,957

Total Operation & Maintenance	40,894,266	45,562,395	50,906,883
Capital Outlay	2,186,677	584,420	147,000

Total for Customer Services	\$43,080,943	\$46,146,815	\$51,053,883
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PERSONNEL - Budgeted FTEs	147.0 / 147.0	155.9 / 155.9	158.2 / 158.2
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CUSTOMER SERVICES	2017-18	2019-20	2021-22
Division Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

Support Services (579500)

Salaries & Wages	\$737,679	\$708,113	\$725,779
Employee Benefits	335,483	309,797	361,779
Capital Credit & Labor To/From Others	(195)	0	0
Total Personnel Costs	1,072,966	1,017,910	1,087,557
Supplies	57,232	66,076	56,270
Services	1,980	1,400	6,500
Other Charges	134,936	107,279	92,652
Total	\$1,267,114	\$1,192,665	\$1,242,979

Switchboard (579600)

Salaries & Wages	\$84,215	\$99,264	\$112,540
Employee Benefits	51,239	54,534	66,578
Capital Credit & Labor To/From Others	(157)	0	0
Total Personnel Costs	135,297	153,798	179,117
Supplies	1,888	1,695	2,360
Services	0	0	0
Other Charges	4,709	4,000	900
Total	\$141,894	\$159,493	\$182,377

Administration (579700)

Salaries & Wages	\$616,671	\$598,305	\$678,482
Employee Benefits	201,440	176,413	204,109
Capital Credit & Labor To/From Others	(21,018)	0	0
Total Personnel Costs	797,094	774,718	882,591
Supplies	93,645	41,180	44,069
Services	270,630	413,055	437,687
Other Charges	599,366	688,033	519,615
Assessments	3,434,809	3,800,294	3,671,007
Total	\$5,195,542	\$5,717,280	\$5,554,969

CUSTOMER SERVICES	2017-18	2019-20	2021-22
Division Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

Performance Solutions (578800)

Salaries & Wages	\$1,395,541	\$1,624,088	\$1,712,733
Employee Benefits	524,297	593,686	683,848
Capital Credit & Labor To/From Others	(154,423)	(327,250)	0
Total Personnel Costs	1,765,415	1,890,524	2,396,581
Supplies	116,416	137,961	418,089
Services	131,798	481,040	663,256
Other Charges	173,637	356,976	509,815
Total	\$2,187,266	\$2,866,501	\$3,987,742

Customer Service Training (577100)

Salaries & Wages	\$502,895	\$674,347	\$944,682
Employee Benefits	199,260	273,731	409,316
Capital Credit & Labor To/From Others	0	0	0
Total Personnel Costs	702,155	948,077	1,353,998
Supplies	7,697	17,081	15,837
Services	497	59,600	20,550
Other Charges	153,788	108,426	99,040
Total	\$864,137	\$1,133,184	\$1,489,425

Customer Service Billing (578500)

Salaries & Wages	\$2,320,222	\$2,971,673	\$1,671,672
Employee Benefits	1,056,747	1,239,794	767,587
Capital Credit & Labor To/From Others	(151,509)	(100,000)	(150,000)
Total Personnel Costs	3,225,459	4,111,467	2,289,260
Supplies	41,015	39,662	30,835
Services	4,655	4,400	3,300
Other Charges	314,780	307,897	320,433
Total	\$3,585,909	\$4,463,426	\$2,643,828

CUSTOMER SERVICES	2017-18	2019-20	2021-22
Division Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

Operations Admin (578900)

Salaries & Wages	\$600,777	\$590,789	\$609,141
Employee Benefits	182,439	181,510	206,056
Capital Credit & Labor To/From Others	(3,656)	0	0
Total Personnel Costs	779,560	772,299	815,197
Supplies	9,429	8,220	8,669
Services	3,597	0	450
Other Charges	39,929	30,258	25,448
Assessments	569,677	526,405	769,301
Total	\$1,402,193	\$1,337,183	\$1,619,065

Mail Services (579100)

Salaries & Wages	\$766,895	\$775,598	\$809,340
Employee Benefits	385,126	363,537	426,636
Capital Credit & Labor To/From Others	0	0	0
Total Personnel Costs	1,152,020	1,139,135	1,235,976
Supplies	207,980	349,604	230,310
Services	103,817	104,493	97,461
Other Charges	1,614,854	2,034,889	2,001,381
Total	\$3,078,672	\$3,628,121	\$3,565,127

Field Investigation (579200)

Salaries & Wages	\$2,536,355	\$2,731,276	\$2,936,121
Employee Benefits	1,146,307	1,189,572	1,343,825
Capital Credit & Labor To/From Others	61,907	(193,851)	0
Total Personnel Costs	3,744,569	3,726,998	4,279,946
Supplies	65,150	84,635	50,919
Services	352,507	254,088	428,805
Other Charges	59,576	69,777	71,768
Total	\$4,221,802	\$4,135,498	\$4,831,438

CUSTOMER SERVICES	2017-18	2019-20	2021-22
Division Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

Mail Services to General Government (579300)

Salaries & Wages	\$302,547	\$338,038	\$359,572
Employee Benefits	169,645	171,357	203,744
Capital Credit & Labor To/From Others	240	0	0
Total Personnel Costs	472,432	509,395	563,316
Supplies	41,396	85,244	34,800
Services	38,688	12,392	28,816
Other Charges	44,801	50,891	50,958
Total	\$597,317	\$657,922	\$677,891

Meter Reading (579400)

Salaries & Wages	\$2,286,633	\$2,510,240	\$2,780,918
Employee Benefits	1,107,225	1,172,857	1,387,357
Capital Credit & Labor To/From Others	(20,548)	(175,000)	(750,000)
Total Personnel Costs	3,373,310	3,508,097	3,418,275
Supplies	82,796	54,331	106,738
Services	290,743	221,786	1,183,774
Other Charges	90,650	99,527	101,868
Total	\$3,837,499	\$3,883,741	\$4,810,656

PayGo (572400)

Salaries & Wages	\$293,858	\$315,998	
Employee Benefits	130,236	129,008	
Capital Credit & Labor To/From Others	88,684	100,000	
Total Personnel Costs	512,778	545,006	0
Supplies	2,808	5,890	
Services	0	1,000	
Other Charges	25,862	28,269	
Total	\$541,448	\$580,165	\$0

CUSTOMER SERVICES	2017-18	2019-20	2021-22
Division Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

Customer Solutions (572500)

Salaries & Wages	\$733,985	\$1,430,189	\$2,069,687
Employee Benefits	294,624	577,607	928,430
Capital Credit & Labor To/From Others	(83,053)	0	0
Total Personnel Costs	945,556	2,007,797	2,998,117
Supplies	8,488	30,210	57,442
Services	160,637	55,000	25,000
Other Charges	46,340	101,869	113,239
Total	\$1,161,022	\$2,194,876	\$3,193,798

Business Solutions (579000)

Salaries & Wages	\$662,026	\$785,248	\$1,310,984
Employee Benefits	307,852	325,590	612,238
Capital Credit & Labor To/From Others	(5,267)	0	0
Total Personnel Costs	964,612	1,110,838	1,923,222
Supplies	11,461	15,421	26,086
Services	5,081	14,000	14,000
Other Charges	72,049	86,199	91,600
Total	\$1,053,204	\$1,226,458	\$2,054,909

Contact Center (577200)

Salaries & Wages	\$4,367,423	\$4,375,746	\$6,369,306
Employee Benefits	2,105,732	2,045,507	3,216,862
Capital Credit & Labor To/From Others	9,703	0	(8,000)
Total Personnel Costs	6,482,858	6,421,253	9,578,168
Supplies	49,969	76,055	26,757
Services	98,875	360,400	296,600
Other Charges	318,526	495,426	486,661
Total	\$6,950,227	\$7,353,134	\$10,388,186

CUSTOMER SERVICES	2017-18	2019-20	2021-22
Division Consolidation	Biennium Actual	Biennium Budget	Biennium Budget

Lobby Services (578100)			
Salaries & Wages	\$1,114,174	\$1,386,256	\$1,163,845
Employee Benefits	490,404	580,012	536,902
Capital Credit & Labor To/From Others	(14,005)	0	0
Total Personnel Costs	1,590,573	1,966,268	1,700,748
Supplies	31,084	35,861	25,017
Services	48,612	20,600	19,200
Other Charges	235,833	276,364	415,573
Total	\$1,906,102	\$2,299,093	\$2,160,537

Business Office Administration (579900)			
Salaries & Wages	\$1,826,930	\$1,623,704	\$1,537,504
Employee Benefits	688,700	596,530	605,886
Capital Credit & Labor To/From Others	(20,936)	0	(66,000)
Total Personnel Costs	2,494,694	2,220,234	2,077,391
Supplies	87,874	50,721	45,767
Services	225,650	349,900	320,000
Other Charges	94,701	112,800	60,800
Total	\$2,902,920	\$2,733,655	\$2,503,957

Total for Division	\$40,894,266	\$45,562,395	\$50,906,883
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PERSONNEL - Budgeted FTEs	147.0 / 147.0	155.9 / 155.9	158.2 / 158.2
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CUSTOMER SERVICES Position Requirements	Positions Budgeted			Wages & Benefits Budgeted		
	2020	2021	2022	2020	2021	2022

Code	Classification Title						
00060	Office Assistant	4.50	4.00	4.00	\$360,898	\$345,165	\$359,356
00120	Mail & Stock Proc, Sr	3.00	3.00	3.00	270,287	285,907	292,673
00180	Mail & Stock Processor	5.00	5.00	5.00	412,126	439,670	450,641
00410	Customer Accts Supv	5.00	5.00	5.00	661,658	709,957	722,619
05040	Financial Assistant	2.00	2.00	2.00	189,931	199,183	203,321
05330	Operations Manager	1.00	1.00	1.00	180,683	185,481	189,100
05540	Customer Serv Training Analyst	3.00	3.00	3.00	323,015	381,485	390,907
06010	Meter Reader	1.00	1.00	1.00	91,706	83,411	84,991
06012	Meter Reader, Lead +10%	1.00	1.00	1.00	101,531	107,403	109,540
06020	Util Field Investigator	15.00	15.00	15.00	1,493,828	1,656,339	1,692,506
06022	Util Field Investigator, Lead +10%	1.00	1.00	1.00	106,778	118,317	120,585
06070	Workforce Coordinator	-	2.00	2.00	0	253,306	261,421
06080	Customer Serv Rep, Lead	11.00	10.00	10.00	1,273,811	1,264,455	1,292,608
06100	Customer Service Supv II	4.00	5.00	5.00	575,470	746,409	759,535
06110	Customer Service Rep	31.40	30.40	30.40	2,823,683	2,935,755	3,065,883
06120	Customer Serv Rep, Tech	36.00	37.80	37.80	3,869,362	4,283,280	4,373,680
06160	Customer Services Mgr	1.00	1.00	1.00	272,886	279,236	283,560
07270	Customer Service Asst Mgr	4.00	4.00	4.00	806,627	842,188	865,124
07370	Administrative Assistant	-	1.00	1.00	0	100,351	102,430
07390	Office Manager	1.00	1.00	1.00	118,579	131,174	139,197
11200	Management Analyst II	5.00	6.00	6.00	604,511	779,498	807,625
11350	Management Analyst III	3.00	2.00	2.00	467,658	291,766	296,387

Sub-Total	137.90	141.20	141.20	\$15,005,026	\$16,419,736	\$16,863,689
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Project Employees:

06010	Meter Reader	14.00	14.00	14.00	\$1,264,654	\$1,317,560	\$1,370,663
06020	Util Field Investigator	1.00	-	-	97,106	0	0
11090	Management Analyst I	2.00	2.00	2.00	173,865	213,497	221,952

Sub-Total	17.00	16.00	16.00	\$1,535,625	\$1,531,056	\$1,592,615
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Temporary Employees:

06010	Meter Reader	1.00	1.00	1.00	77,253	82,576	84,141
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Sub-Total	1.00	1.00	1.00	\$77,253	\$82,576	\$84,141
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FTE Total Customer Services	155.90	158.20	158.20	\$16,617,905	\$18,033,368	\$18,540,445
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