

# TACOMA PUBLIC UTILITIES 2019 / 2020 PROPOSED BUDGET & RATES

Joint Study Session  
October 16, 2018



# Tacoma Public Utilities provides services that are vital to our quality of life.



# TPU FOCUS AND PLANNING

## Focus

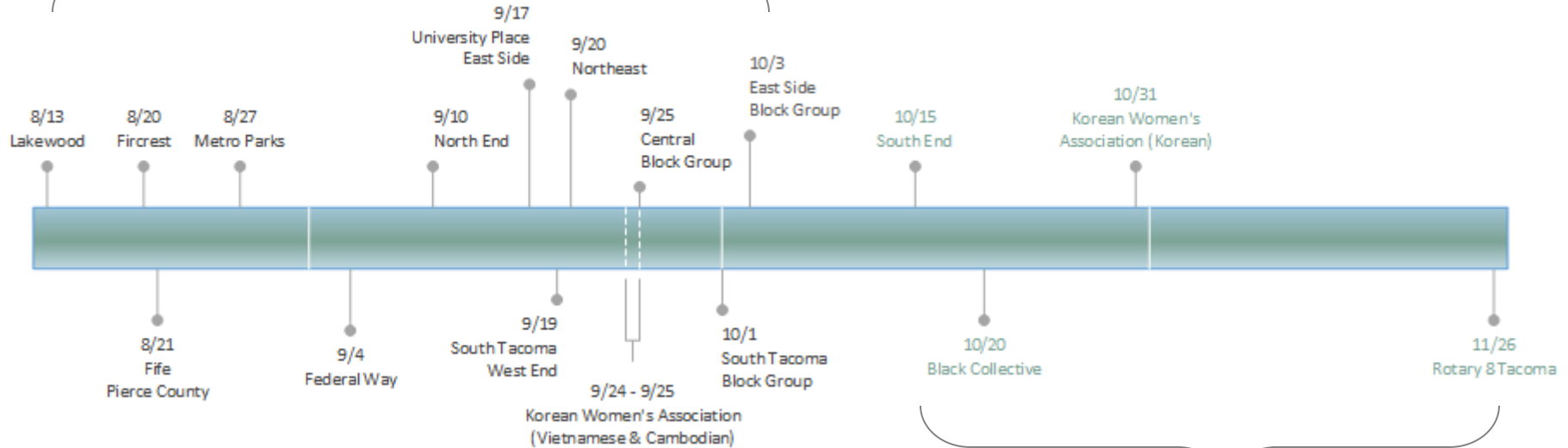
- Customer attentiveness
- Employees
- Environmental stewardship
- Financial stability

## Budget Planning

- Support strategic plan objectives
- Plan with customers in mind

# PUBLIC OUTREACH COMMUNICATIONS

Where we've  
been...



...and where we'll  
go.

# PUBLIC OUTREACH COMMUNICATIONS

## Rate proposal communications

update

### ▪ Complete

- July *Utilities and You* newsletter story
- Updated web page and banners
- E-mail list sign up online
- Bill message
- Handout for public meetings
- Translated versions of handouts
- Updated public meeting info online and social media
- E-mail notification to customers
- October *Utilities and You* newsletter

### ▪ Upcoming

- Video series on social media
- Newsletter content for business customers and other orgs
- Lobby messaging

# BILL PAYMENT ASSISTANCE

Multiple resources available to help manage utility bills

(\$ in millions)

TPU Programs (Excludes funds for Env Svcs Utilities)	Details	Biennium to date 2018 assistance	Projected / Proposed 2019-20
Bill credit assistance program	Credit up to \$564/year	\$ 0.3	\$ 2.8
Residential discount rate	30% rate discount	\$ 3.8	\$ 5.1
Conservation programs	Conservation measures	\$ 1.7	\$ 2.9
Budget billing	Monthly bill stability		
<i>Dollars benefiting customers</i>		\$ 5.8	\$10.8

➤ *Added resources to Customer Solutions staff to enhance outreach and engagement*

# TPU BIENNIAL BUDGET

	17/18 Budget	19/20 Budget	Budget to Budget
(\$ in millions)			
O&M Expenses			
Tacoma Power	\$774.6	\$810.0	\$35.4
Tacoma Water	130.5	140.0	9.5
Tacoma Rail	60.6	61.5	0.9
Total O&M Expenses	965.7	1,011.5	45.8
Debt Service			
Tacoma Power	67.0	59.1	-7.9
Tacoma Water	53.0	53.2	0.2
Tacoma Rail	1.8	1.7	-0.1
Total Debt Service	121.8	114.0	-7.8
Capital Outlay (Revenue Financed)			
Tacoma Power	81.8	89.7	7.9
Tacoma Water	8.0	35.1	27.1
Tacoma Rail	4.3	4.5	0.2
Total Capital Outlay	94.1	129.3	35.2
Total Operating Divisions	\$1,181.6	\$1,254.8	\$73.2

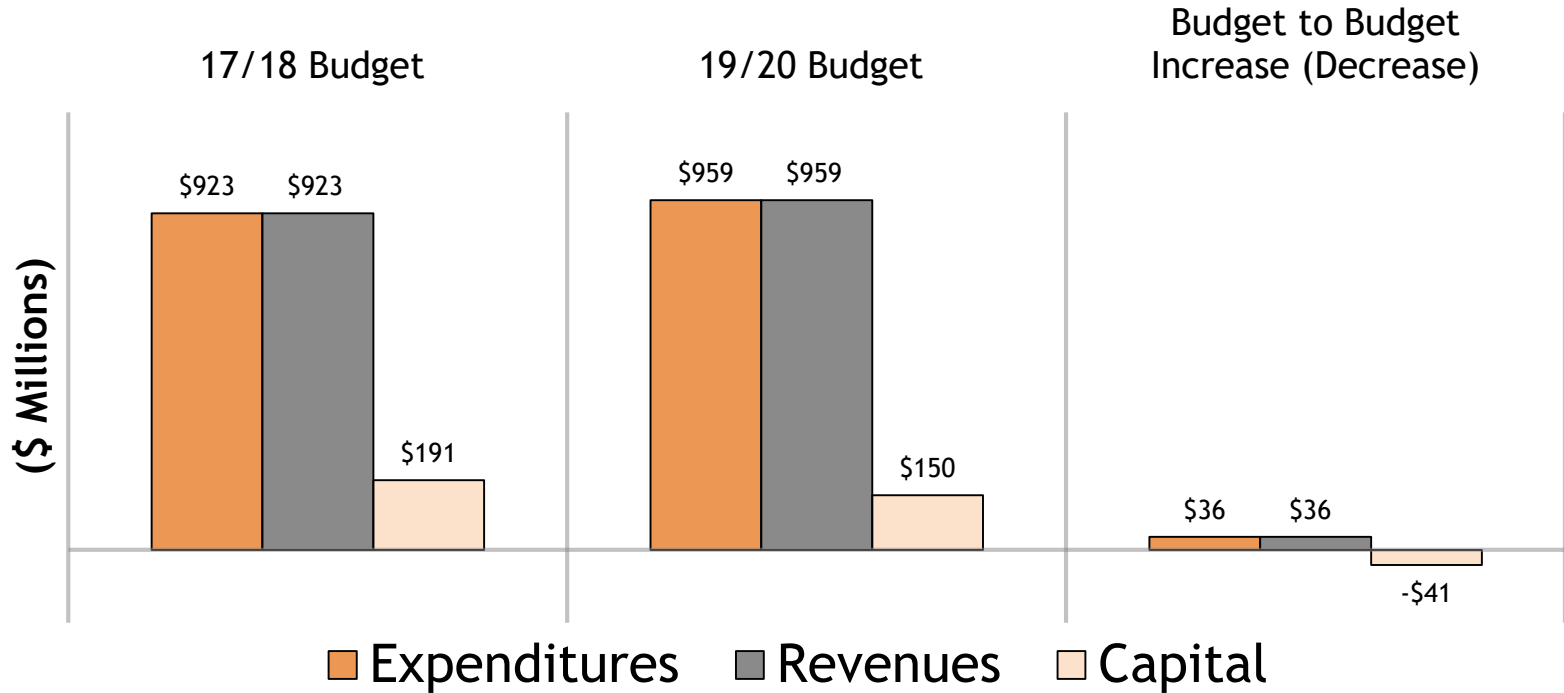
# TACOMA POWER 2019 / 2020 PROPOSED BUDGET & RATES

Chris Robinson, Superintendent





# BUDGET COMPARISON



# BUDGET ASSUMPTIONS

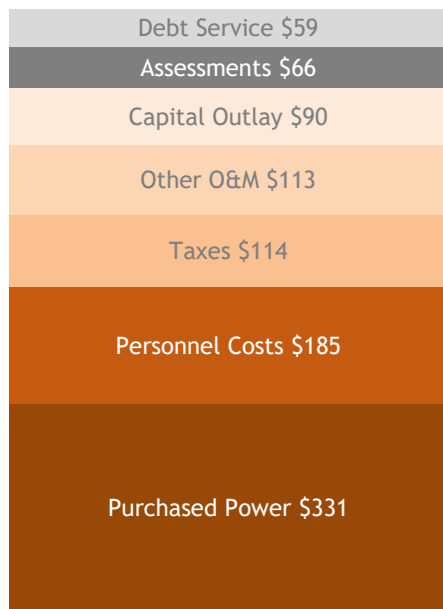
- Wholesale revenue based on forward market prices as of March 2018
- Retail demand based on March 2018 load forecast
- Mitigate revenue decreases and cost increases through budget cuts
- Incorporates Click! transitional budget
- Maintains cash reserves and debt service coverage to support AA-level credit ratings

# BUDGET RISKS & MITIGATION

- Risks
  - BPA rate increase
  - Wholesale market power prices
  - Weather
    - Stream flows
    - Temperature
  - New/Expanded Regulatory Mandates
- Mitigation
  - Adverse Water Planning
  - Regular monitoring and reporting of revenue and expenditures with adjustments as needed
  - Wholesale Energy Risk Management program
  - Use of Reserves
    - Current Fund balance
    - Rate Stabilization Fund
  - Additional Financing
    - Line of Credit in lieu of bond financing
  - Additional Rate Adjustments

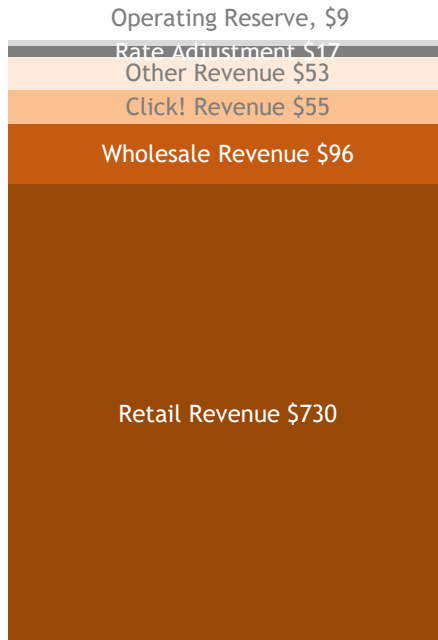
# EXPENDITURES & REVENUE

\$959M



Expenditures

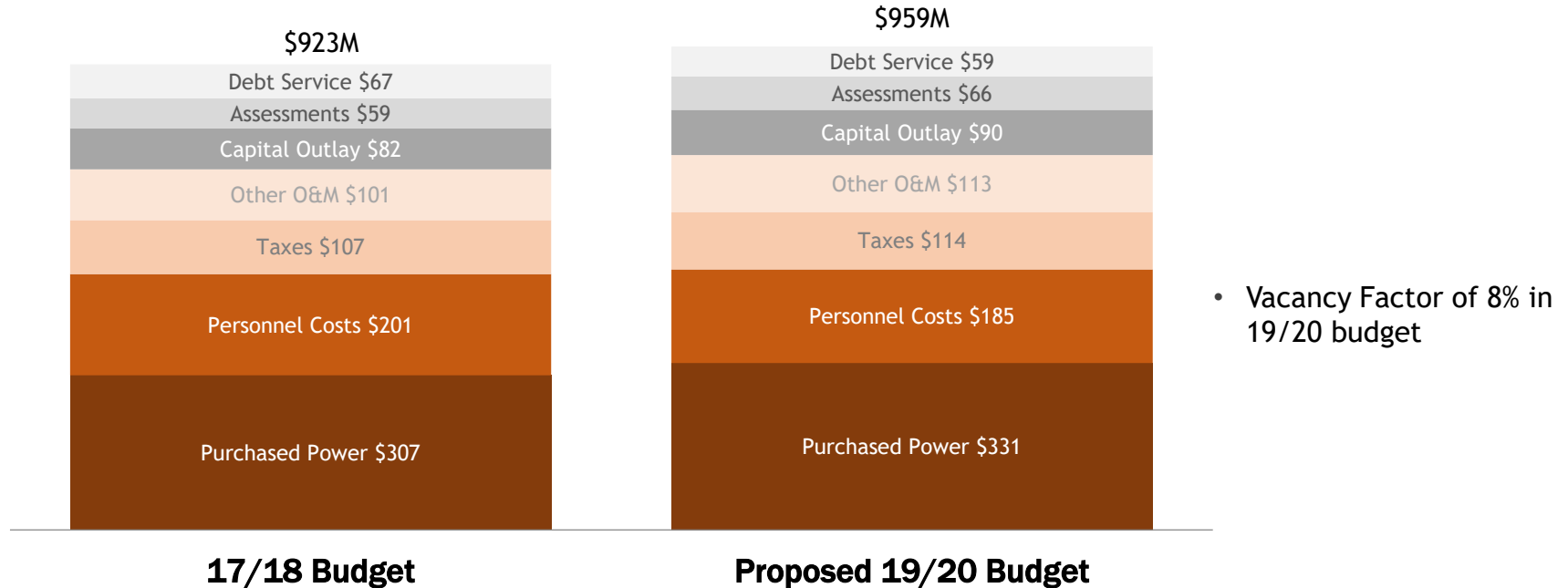
\$959M



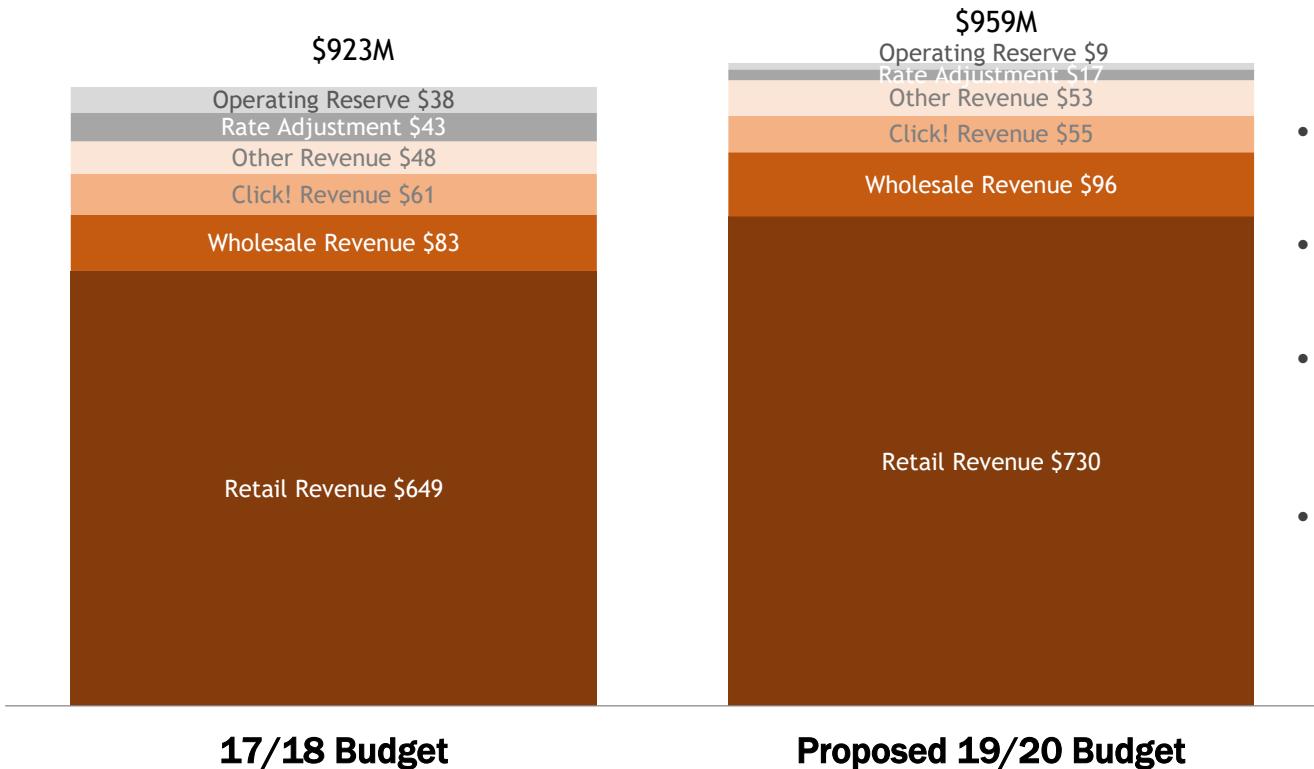
Revenues

- \$959M Proposed Expenditures & Revenue in 2019/20
- \$36M increase from 17/18 budget
- \$17M from annual 2% retail rate increase
- Operating Reserve spend down of \$9M

# EXPENDITURES



# REVENUE

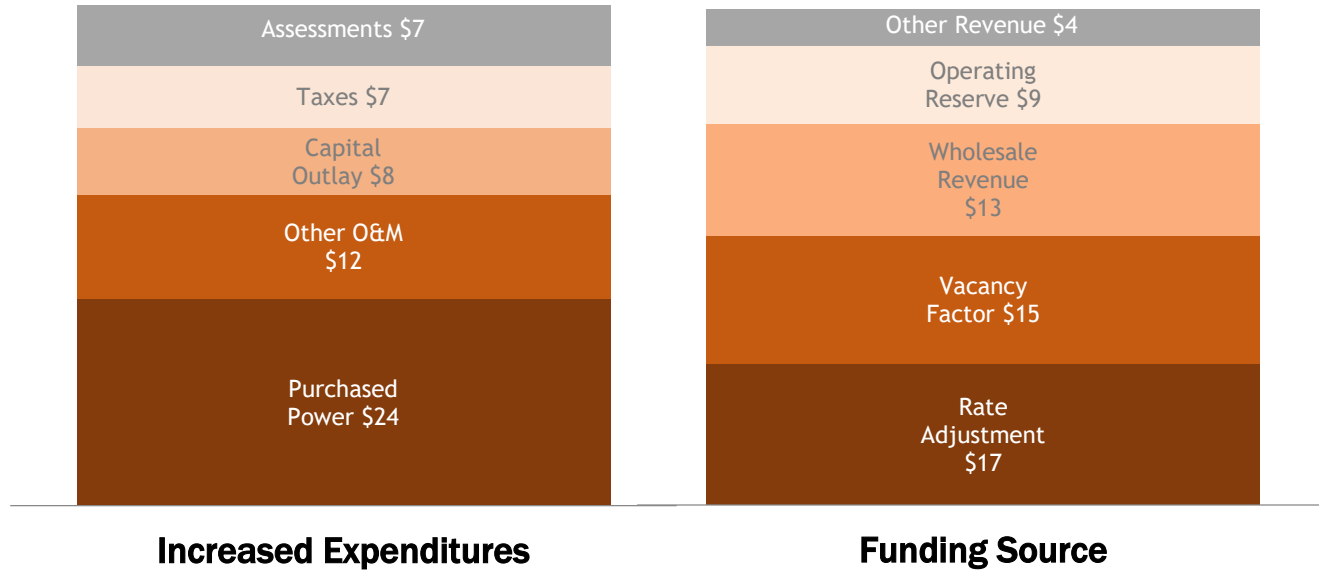


- \$17M from annual 2% retail rate increase
- Wholesale revenue increasing by \$13M
- Assumes Click! Network rate increases for 2019/20
- Operating Reserve spend down of \$9M

# CLICK! NETWORK BUDGET AND RATE INCREASES

- Preliminary 2019-2020 Click! budget deficit of \$10M
- Use of Tacoma Power funds for Click! is under legal challenge
- Proposed budget for the 2019-2020 biennium includes both cost cuts and rate increases
  - Cuts in FTEs and Capital
  - Cable TV rate increase of 9.8% for 2019, 18% for 2020 (on average)
  - Wholesale ISP rate increase of \$5.00 per tier, per year
- Cable TV rate increases were not implemented for 2015, 2016 and 2018
- Even with the proposed rate increases, Click! Network prices will still be under market
- This is a transitional budget (not sustainable long-term)

# RATE ADJUSTMENT

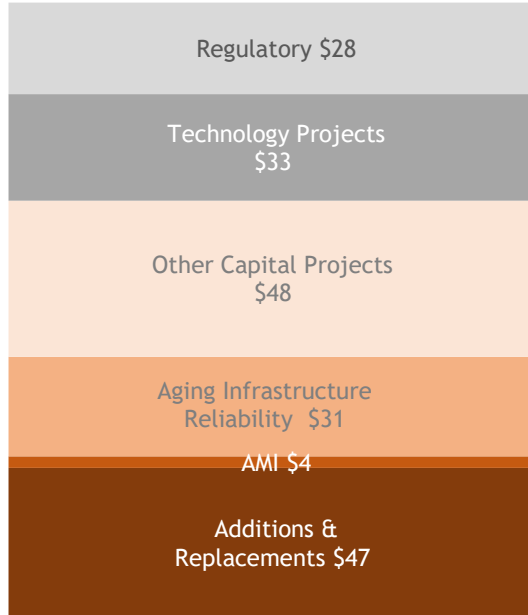


- Does not reflect decrease in Debt Service of \$8M



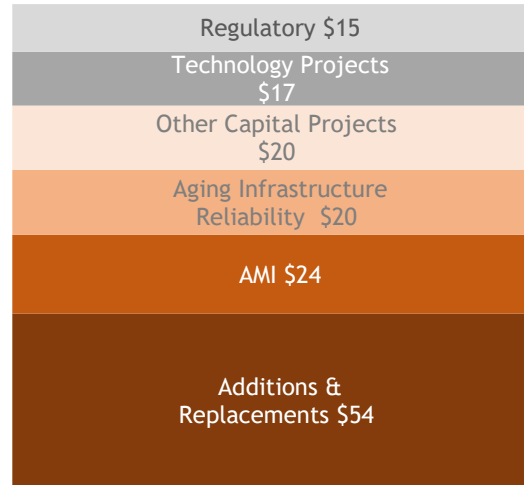
# CAPITAL

\$191M



**17/18 Budget**

\$150M

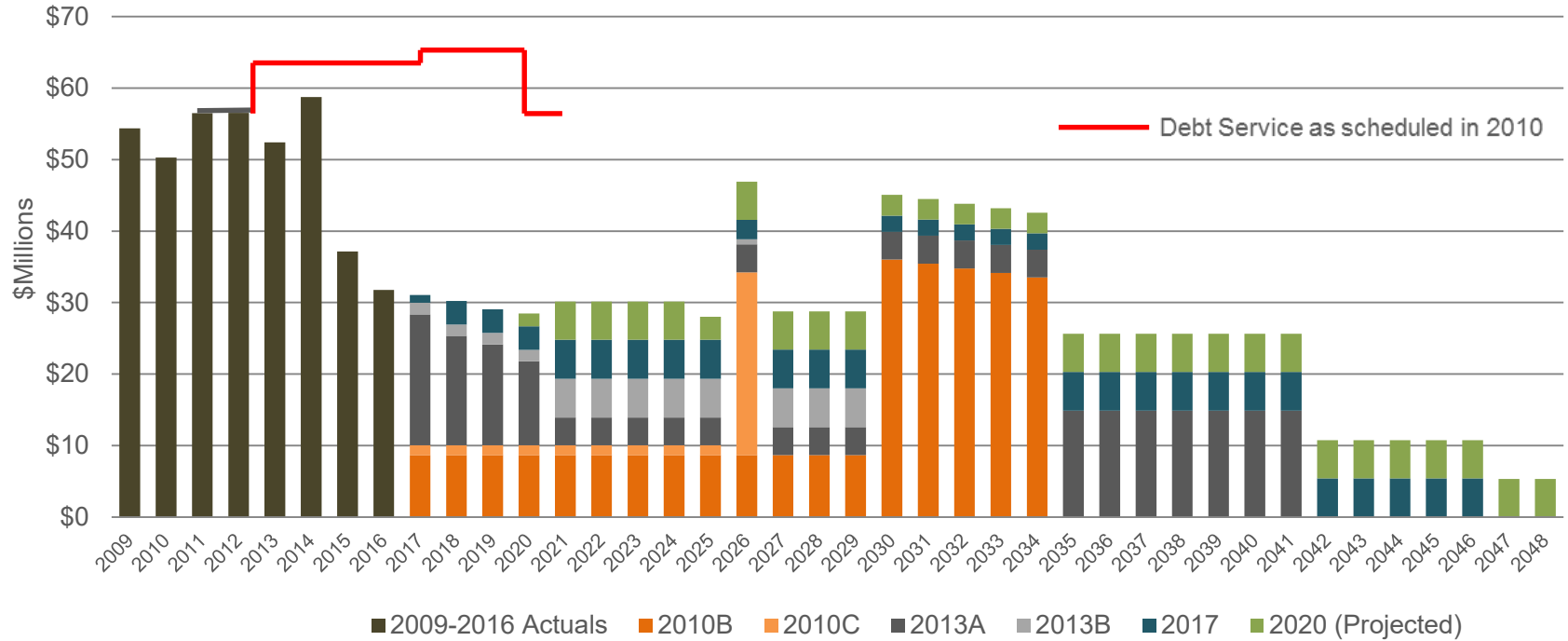


**Proposed 19/20 Budget**

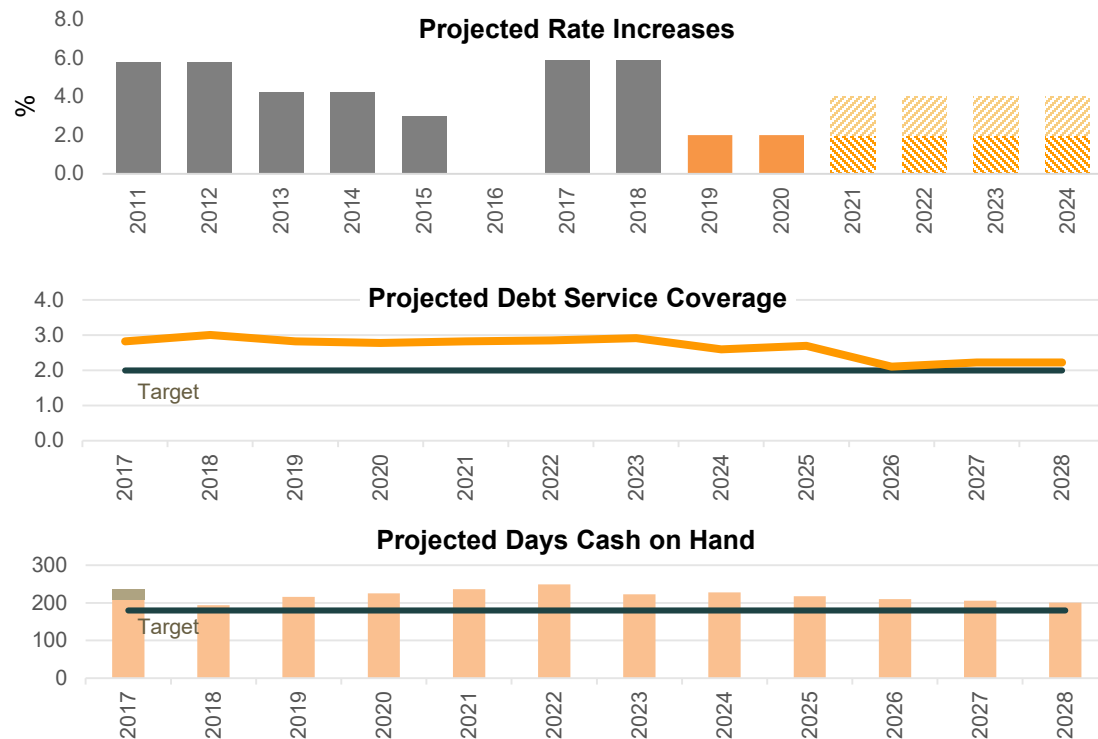
**Capital Funding in 19/20**

- \$90M Revenue Funded
- \$60M Debt Funded

# DEBT SERVICE



# FINANCIAL PLANNING



The recommended **2% system-average rate increase** in 2019 and 2020 is designed to **meet DSCR targets, manage cash levels, and minimize rate spikes** in the future.

# CUSTOMER CLASSES (2017)

- single-family and multifamily residences
- 158,000 accounts
- \$168M revenue

## Residential



- small businesses, such as flower shops, nail salons, small offices
- 16,000 accounts
- \$29M revenue

## Small General Service



- large businesses such as schools, restaurants, hospitals
- 2,500 accounts
- \$101M revenue

## General Service



- 6 large customers directly on the transmission system
- \$19M revenue

## High Voltage General



- 2 large manufacturers directly on the transmission system
- \$22M revenue

## Contract Power

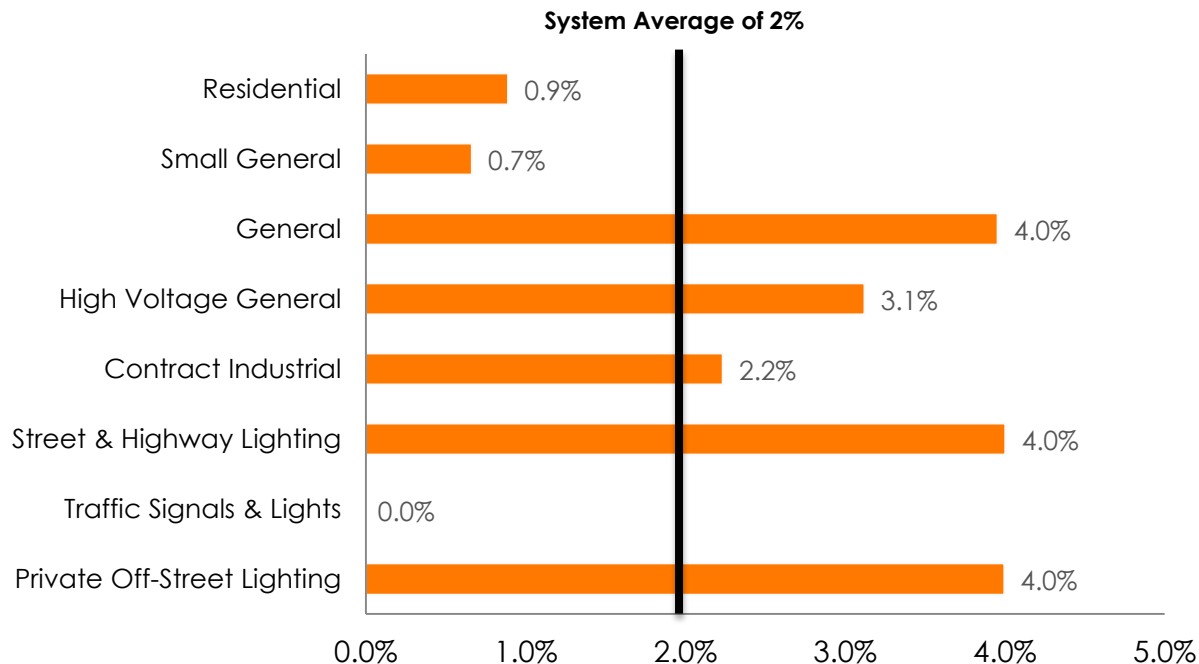


- three classes of lights, signals, and rental light services
- 4,000 accounts
- \$3M revenue

## Streetlights & Signals






# PROPOSED RATE ADJUSTMENT

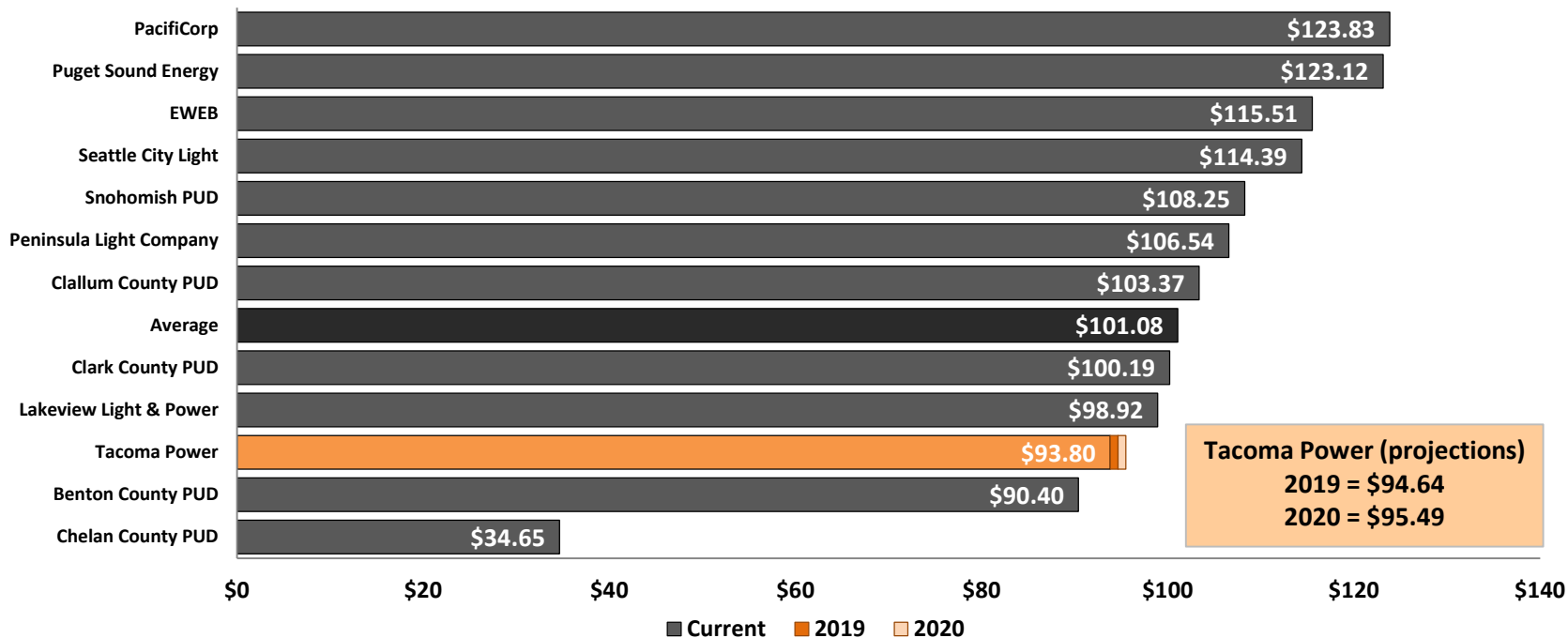


# PROPOSED RESIDENTIAL RATES

Propose to place 50% of increase in customer charge, 50% of increase in delivery charge.

	Current	2019	2020
 Customer Charge (\$ per Month)	\$16.50 <i>current</i>	\$16.90 <i>+40¢</i>	\$17.30 <i>+40¢</i>
 Energy Charge (\$/kWh)	4.5351¢ <i>current</i>	4.5351¢ <i>no change</i>	4.5351¢ <i>no change</i>
 Delivery Charge (\$/kWh)	3.4435¢ <i>current</i>	3.4891¢ <i>+1.3%</i>	3.5353¢ <i>+1.3%</i>

# BILL COMPARISON - RESIDENTIAL



Assumptions: Average Price per kWh, adjusted for Tacoma Power Average Consumption (969 kWh per month).

# BUDGET & RATE SUMMARY

- Rate adjustment supports Tacoma Power's Long-Range Financial Plan
- Maintains financial strength to support AA-level credit ratings
- Projected 2019/20 rate impact for an average residential bill is approximately:
  - \$0.84 per month in 2019
  - \$0.85 per month in 2020



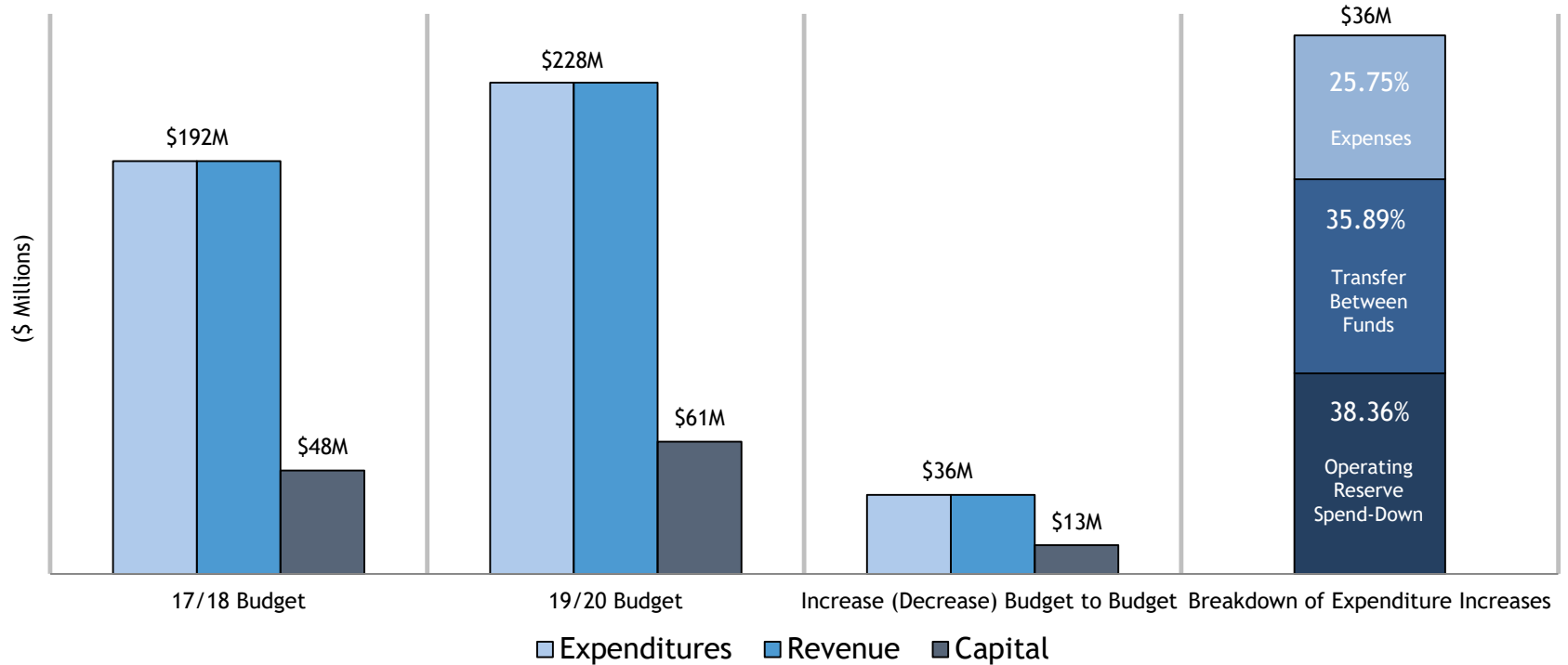
# TACOMA WATER 2019 / 2020 PROPOSED BUDGET & RATES

Scott Dewhirst, Superintendent



**TACOMA**  **WATER**  
TACOMA PUBLIC UTILITIES

# BUDGET COMPARISON



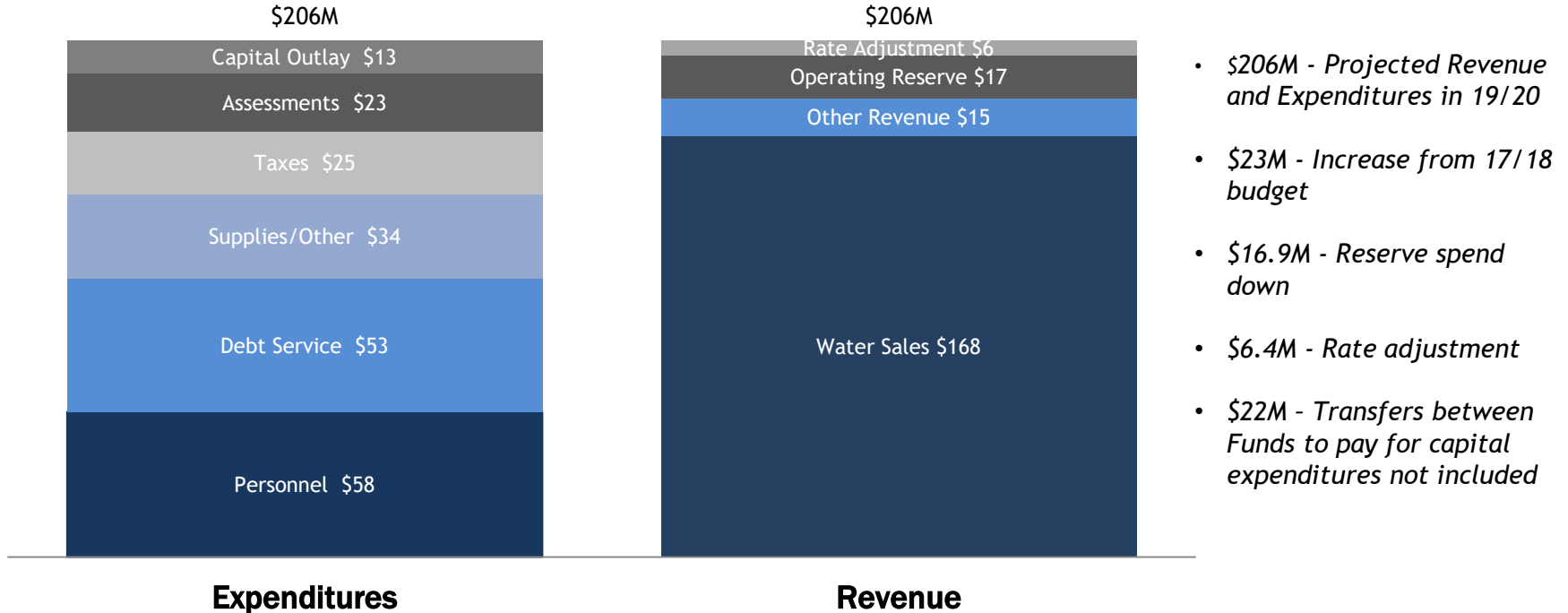
# BUDGET ASSUMPTIONS

- Updated short term Demand Forecast
- Increased Wholesale and Large Volume Revenues
- Capital Funded with Existing Bond Funds and Reserves
- Commodity rates remain at assumed levels
- Staffing to support our plan
- Additional support for Low-Income Assistance Programs

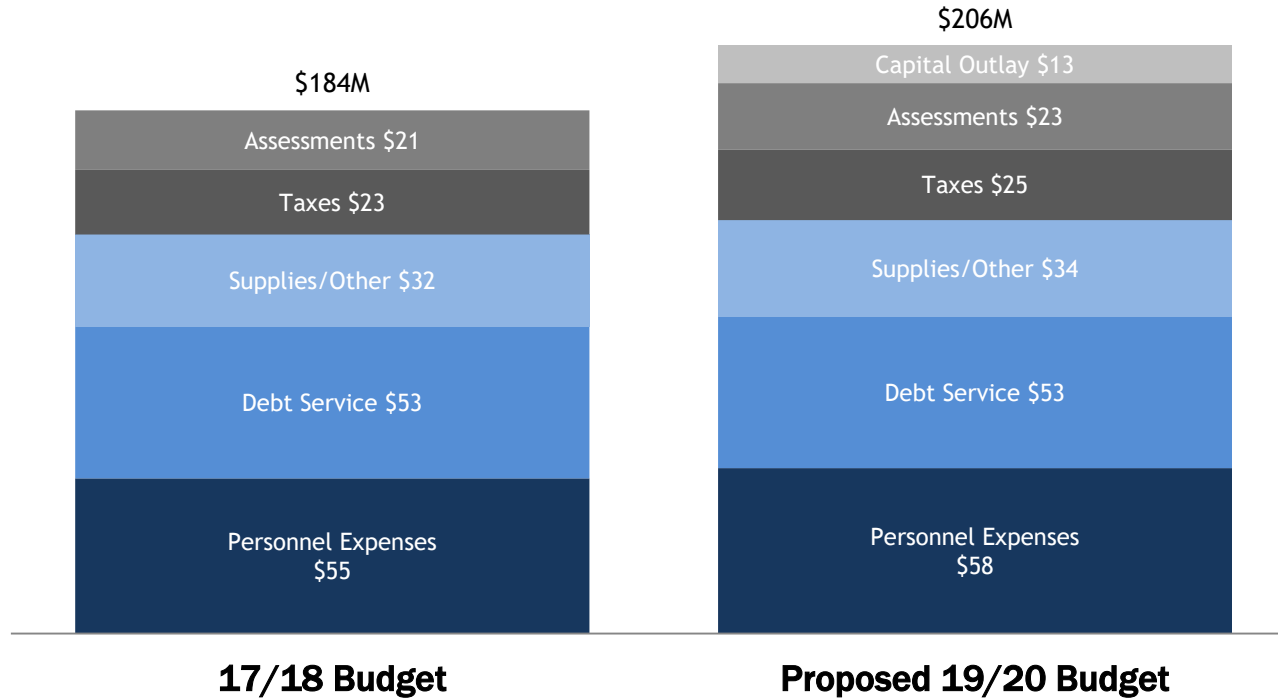
# BUDGET RISKS & MITIGATION

- **Risks**
  - Weather
  - Assumptions around projects of opportunity
- **Mitigation**
  - Continue to work with other utilities in the region and market surplus capacity
  - Continue to implement operational efficiencies and actively manage expenditures
  - Draw down built up reserves
  - FTE vacancy factor
  - Stakeholder engagement

# EXPENDITURES & REVENUE

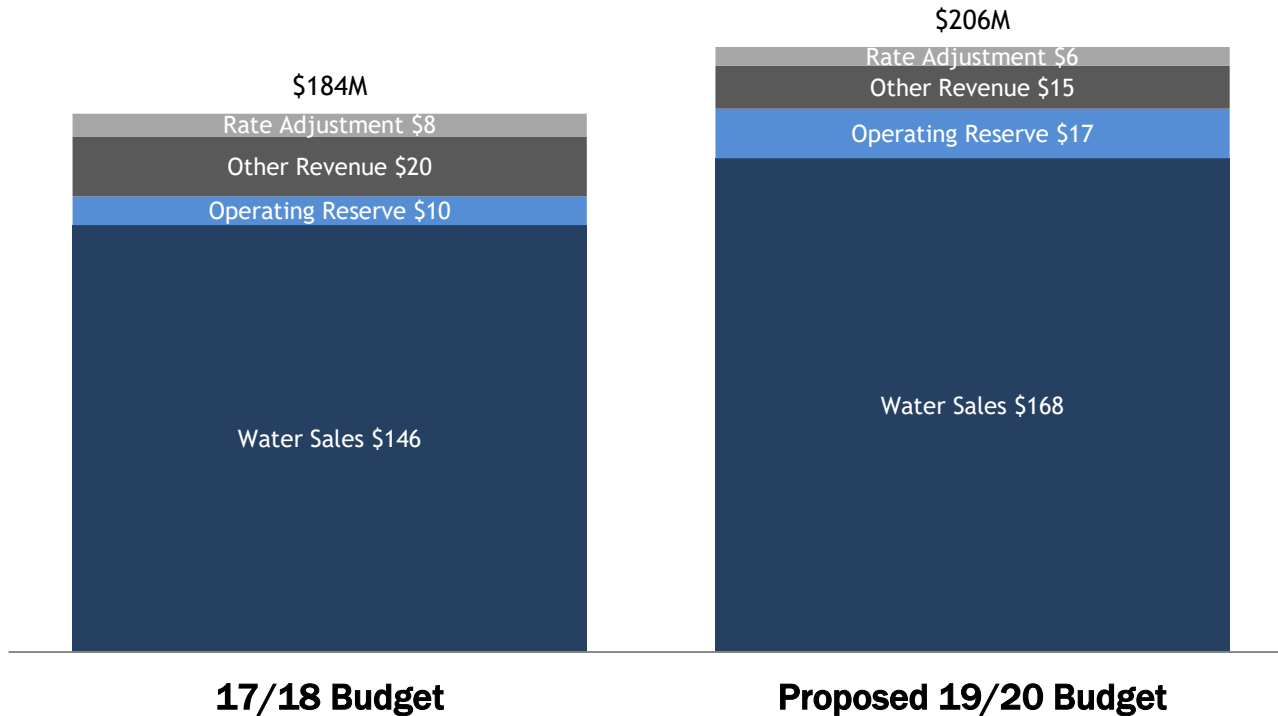


# EXPENDITURES



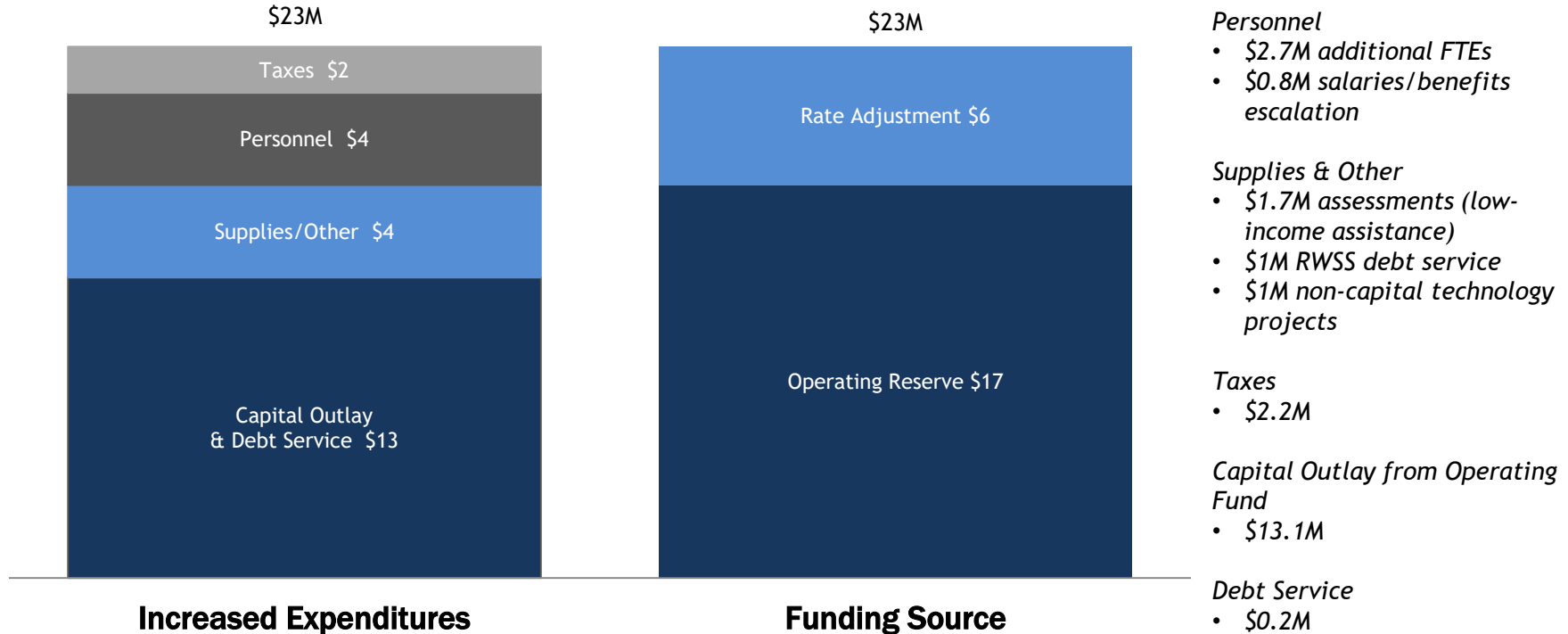
- *(\$3.4M) - Vacancy Factor of 4% in 19/20*
- *\$22M - Transfers between Funds to pay for capital expenditures not included*

# REVENUE



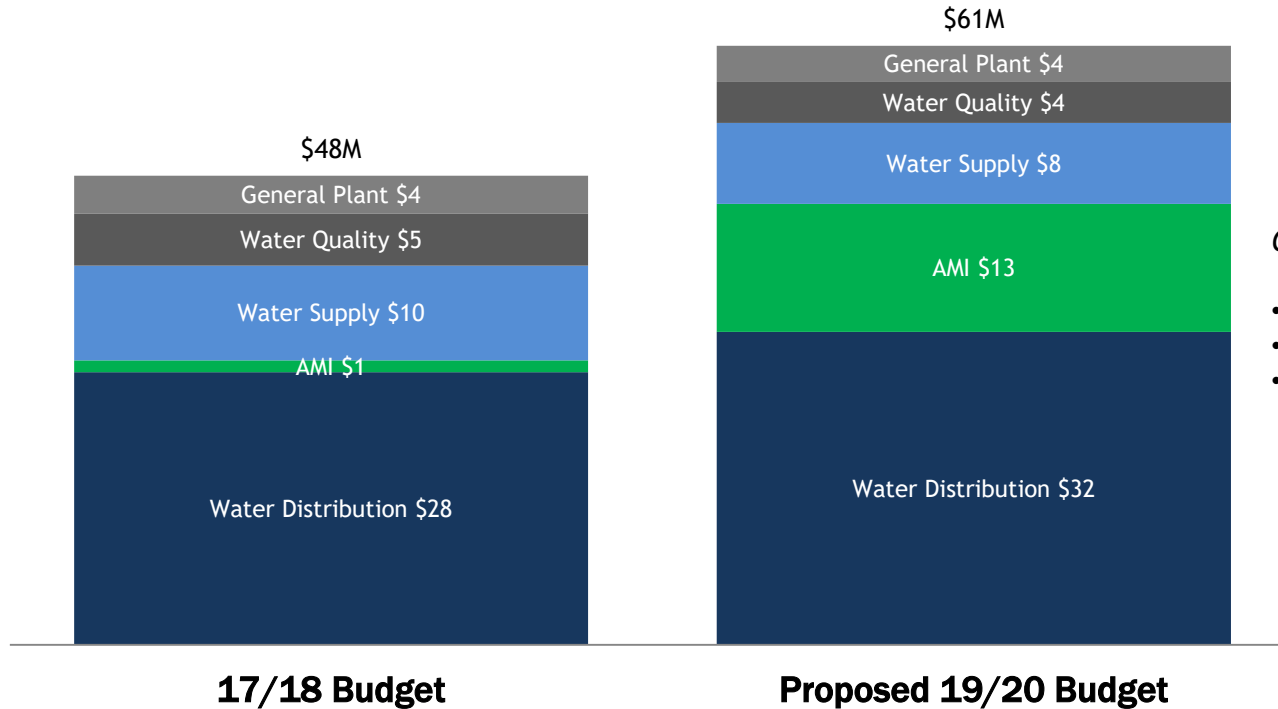
- *\$7.5M - Public Fire Protection budgeted in Residential Water Sales in 19/20*
- *\$6.4M - Public Fire Protection budgeted in Other Operating Revenue in 17/18*
- *\$22M - Transfers between Funds to pay for capital expenditures not included*

# RATE ADJUSTMENT





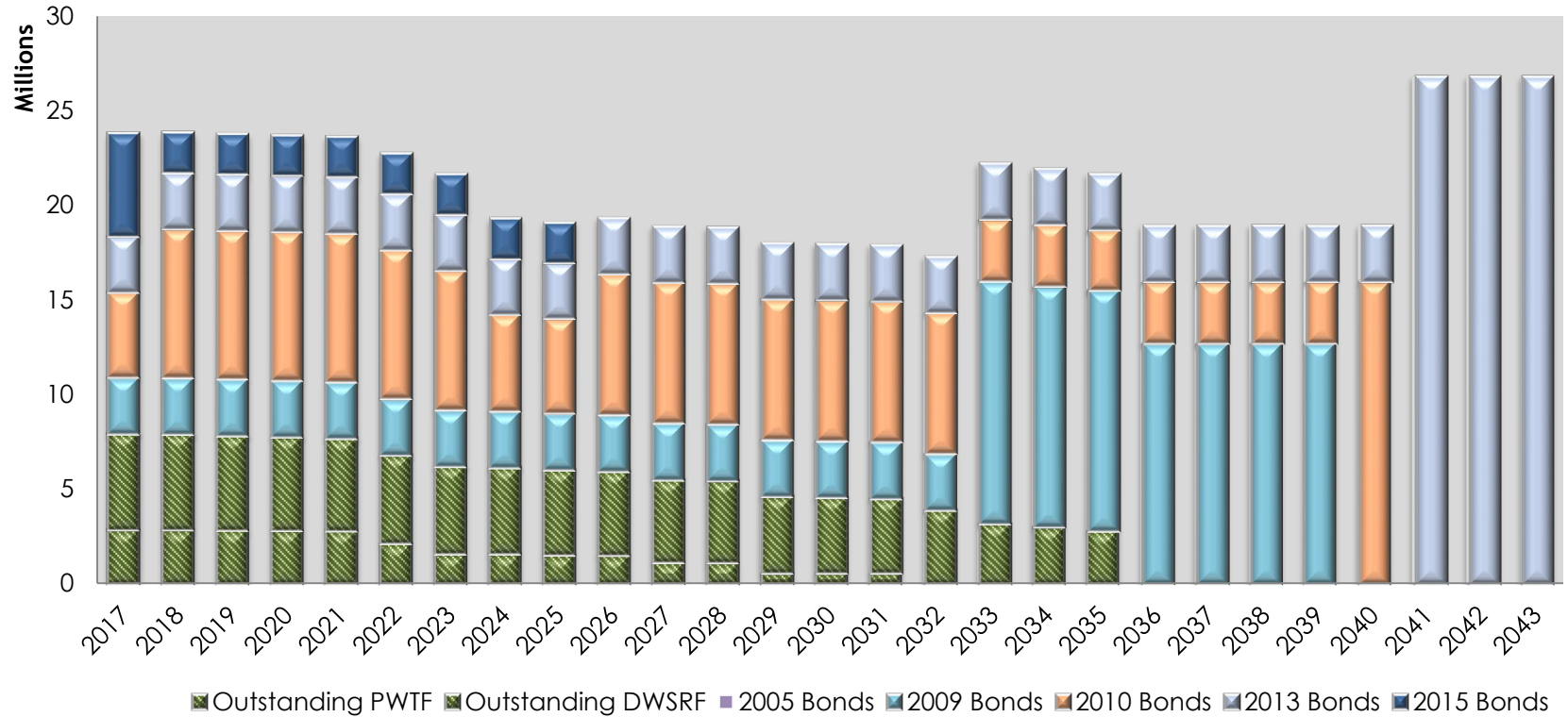
# CAPITAL



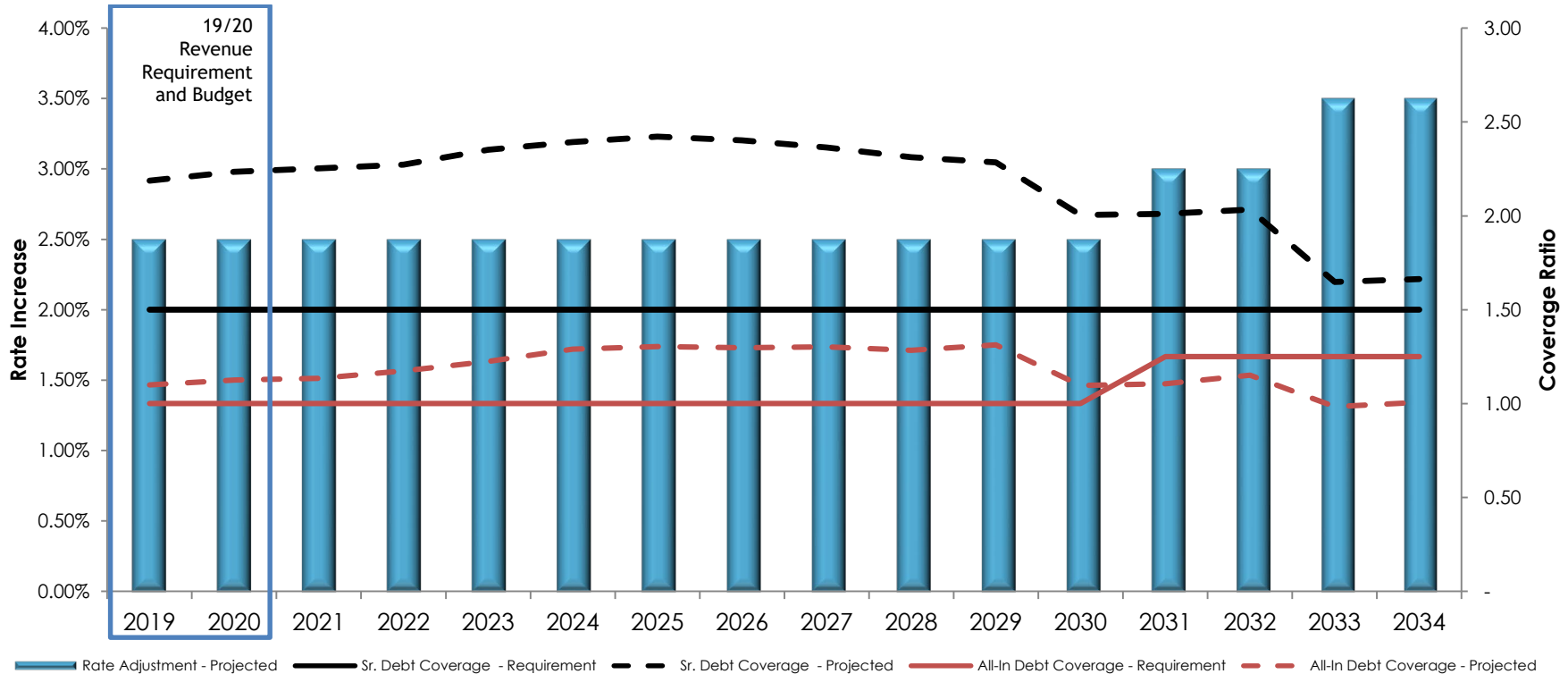
## *Capital Funding in 19/20:*

- \$13M - Operating Reserve Fund
- \$22M - Capital Reserve Fund
- \$26M - Existing Revenue Bond Proceeds

# DEBT SERVICE

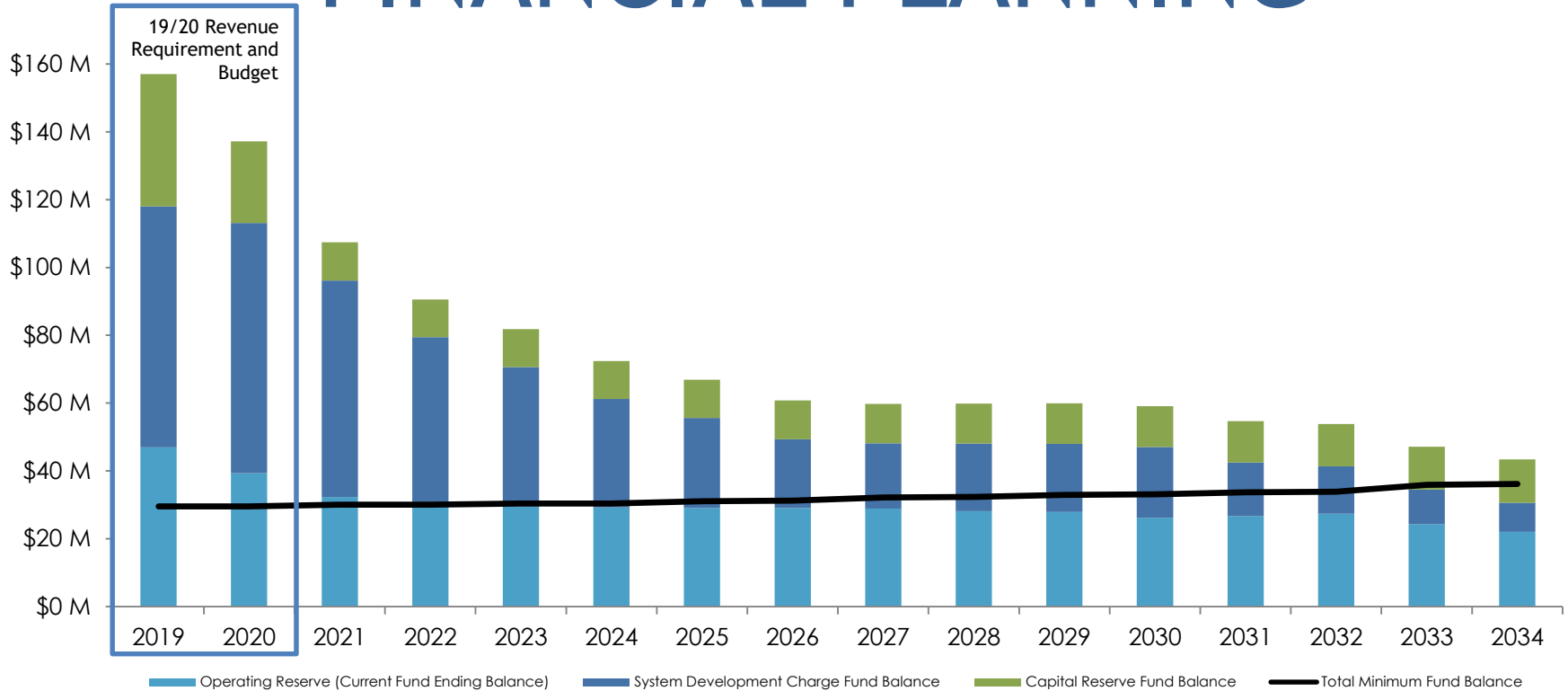


# FINANCIAL PLANNING



*This forecast is subject to change, and is dependent upon actual financial performance.*

# FINANCIAL PLANNING



*This forecast is subject to change, and is dependent upon actual financial performance.*

# CUSTOMER CLASSES (2017)

- Single-family and multifamily residences

- 94,700 accounts
- \$51.4M revenue

Residential



- Small & medium sized businesses such as flower shops, nail salons, small offices.

- 4,800 accounts
- \$10.1M revenue

Commercial General Service



- Large industries which use more than 65,000 CCF per year, such as U.S. Oil, Boeing.

- 6 accounts
- \$1.8M revenue

Large Volume Commercial



- Dedicated irrigation meter for primarily outdoor use, such as Point Defiance Park

- 900 accounts
- \$3.2M revenue

Irrigation



- Other utilities such as City of Fife, Firgrove Mutual Water Company

- 17 accounts
- \$3.1M revenue

Wholesale



- WestRock Pulp and Paper Mill in the Tacoma Tideflats

- 1 account
- \$6.3M revenue

Pulp Mill



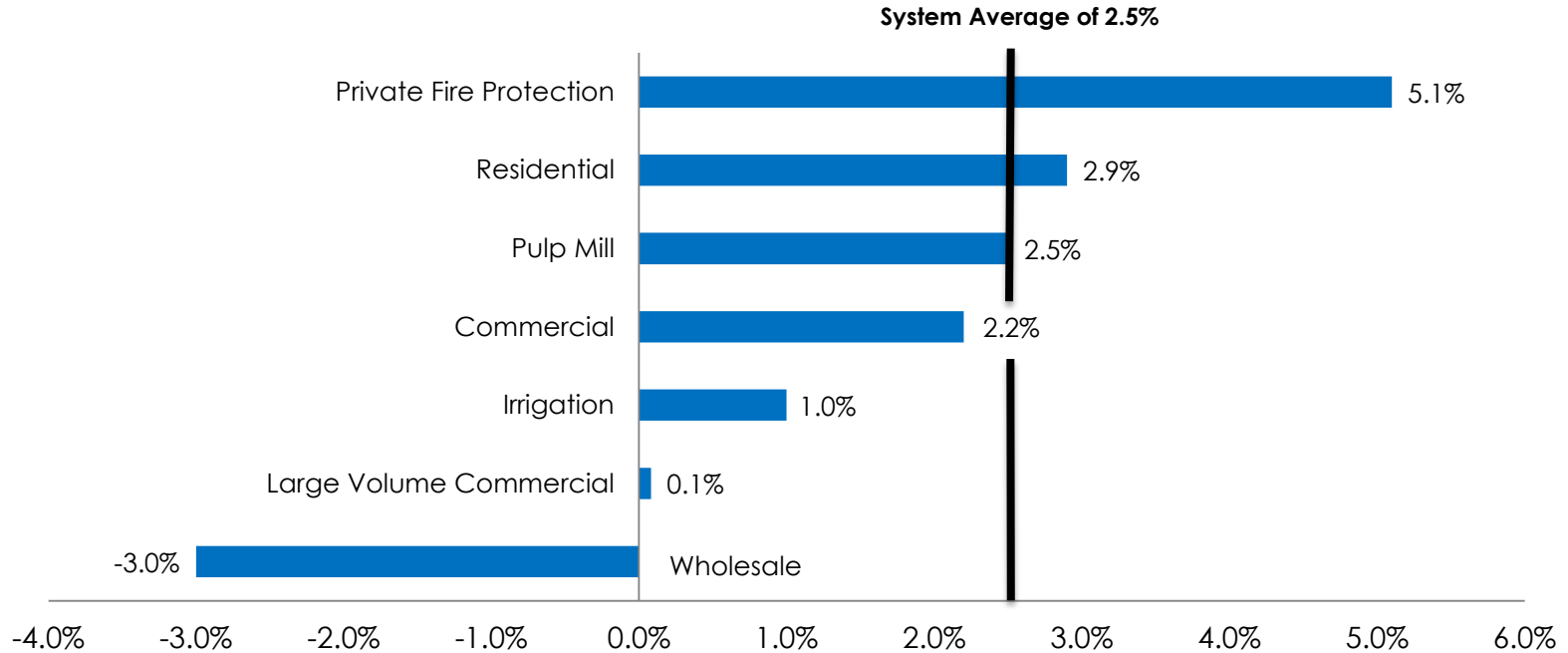
- Warehouses with large fire sprinkling systems

- 1,500 accounts
- \$3.5M revenue

Private Fire Protection






# PROPOSED RATE ADJUSTMENT

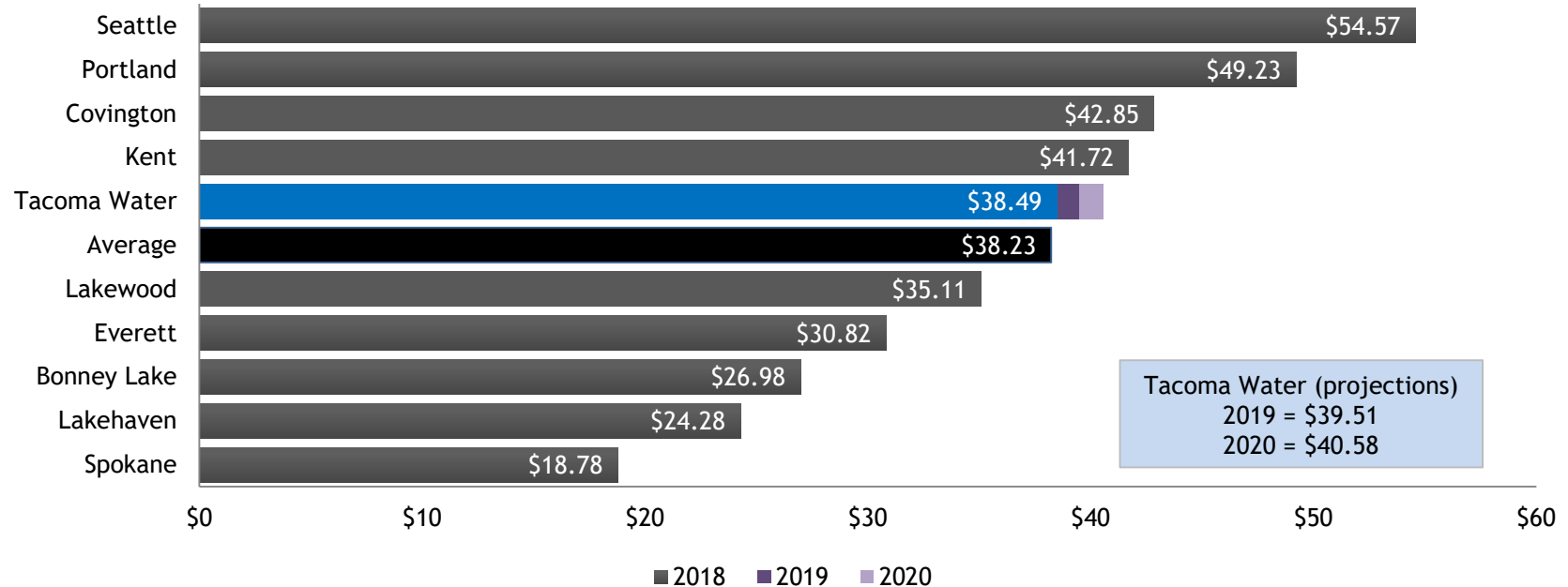


# PROPOSED RESIDENTIAL RATES

Reincorporate the fire hydrant service fee into the fixed charge and place 100% of rate adjustment into the variable charge.

		Current	2019	2020
	Fixed Charge (\$ per month)	\$22.05 <i>current</i>	\$22.05 <i>no change</i>	\$22.05 <i>no change</i>
	Hydrant Service Fee (\$ per month)	\$2.54 <i>current</i>	\$2.71 <i>+ 0.17¢</i>	\$2.90 <i>+ 0.19¢</i>
	Variable Charge (Rate per CCF)	\$1.895 <i>current</i>	\$2.011 <i>+ 0.116¢</i>	\$2.132 <i>+ 0.121¢</i>

# BILL COMPARISON - RESIDENTIAL



Assumptions: Inside city 5/8" Meter with 6 CCF per month demand in winter for 8 months and 9 CCF per month demand in summer for 4 months.



# PUBLIC FIRE PROTECTION

## Inside City Customers



- Until 2015, public fire protection costs were recovered from General Government.
- In 2015-2016, Tacoma Water began recovering these costs directly from ratepayers through a “Hydrant Service Fee” on their bills.
- In 2018, customers inside the City of Tacoma were charged \$2.54 per month to recover these costs.
- In 2019 and beyond, Tacoma Water will recover public fire protection costs from the fixed component of the rate, and remove “Hydrant Service Fee” as a separate line item on the bill.

## Outside City Customers



- \$4.5 million of public fire protection costs were not recovered from outside city customers during a period from 2009-early 2013.
- In early 2013, Tacoma Water began recovering these historical costs, as well as ongoing public fire protection service costs, directly from ratepayers through a “Hydrant Service Fee” on their bills.
- In 2018, customers outside the City of Tacoma were charged \$5.13 per month to recover these costs.
- In 2019 and beyond, Tacoma Water will recover public fire protection costs from the fixed component of the rate, remove “Hydrant Service Fee” as a separate line item on the bill, and retire the “Historical Service Component” for outside city customers.

# BUDGET & RATE SUMMARY

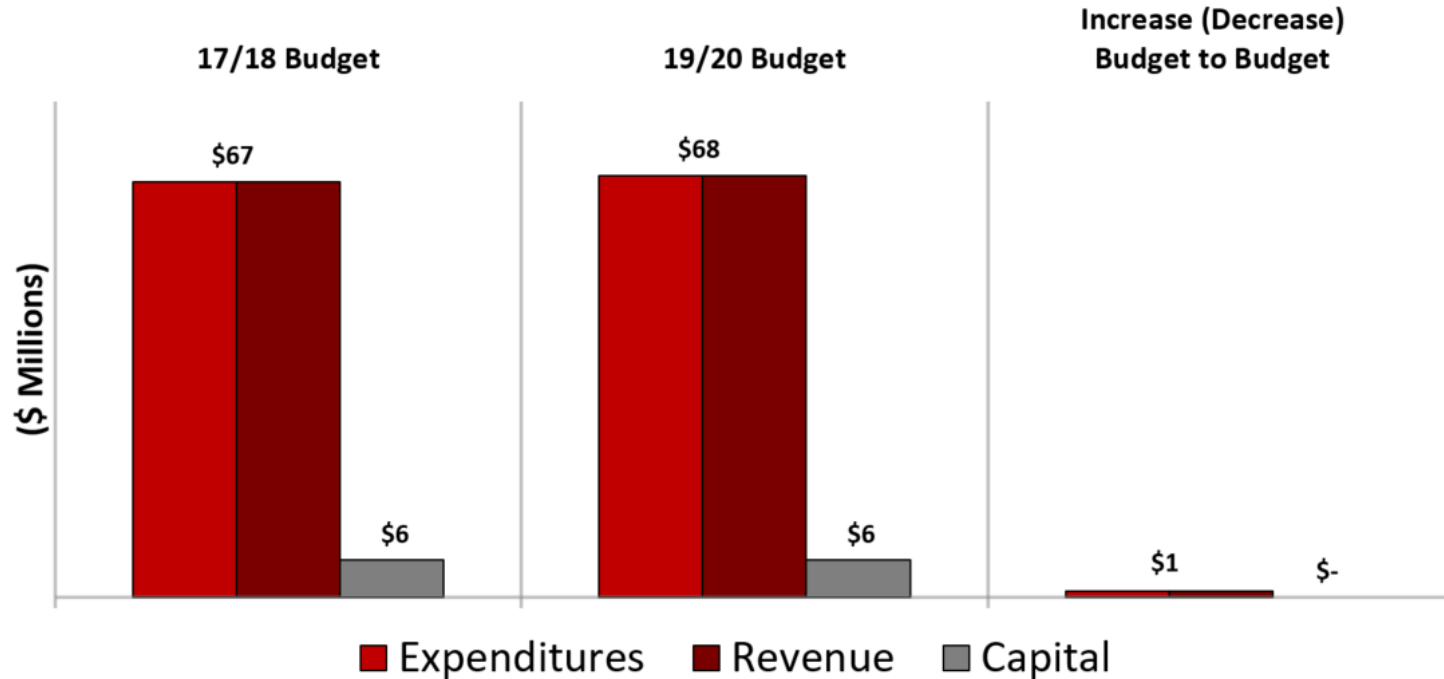
- Supports the development of the new 2019 Strategic Plan
- Minimizes rate impact while preserving strong financial performance
- Projected 2019/20 rate impact for an average residential bill (inside city) is approximately:
  - \$1.02 per month in 2019
  - \$1.08 per month in 2020

# TACOMA RAIL 2019 / 2020 PROPOSED BUDGET & RATES

Dale King, Superintendent



# BUDGET COMPARISON



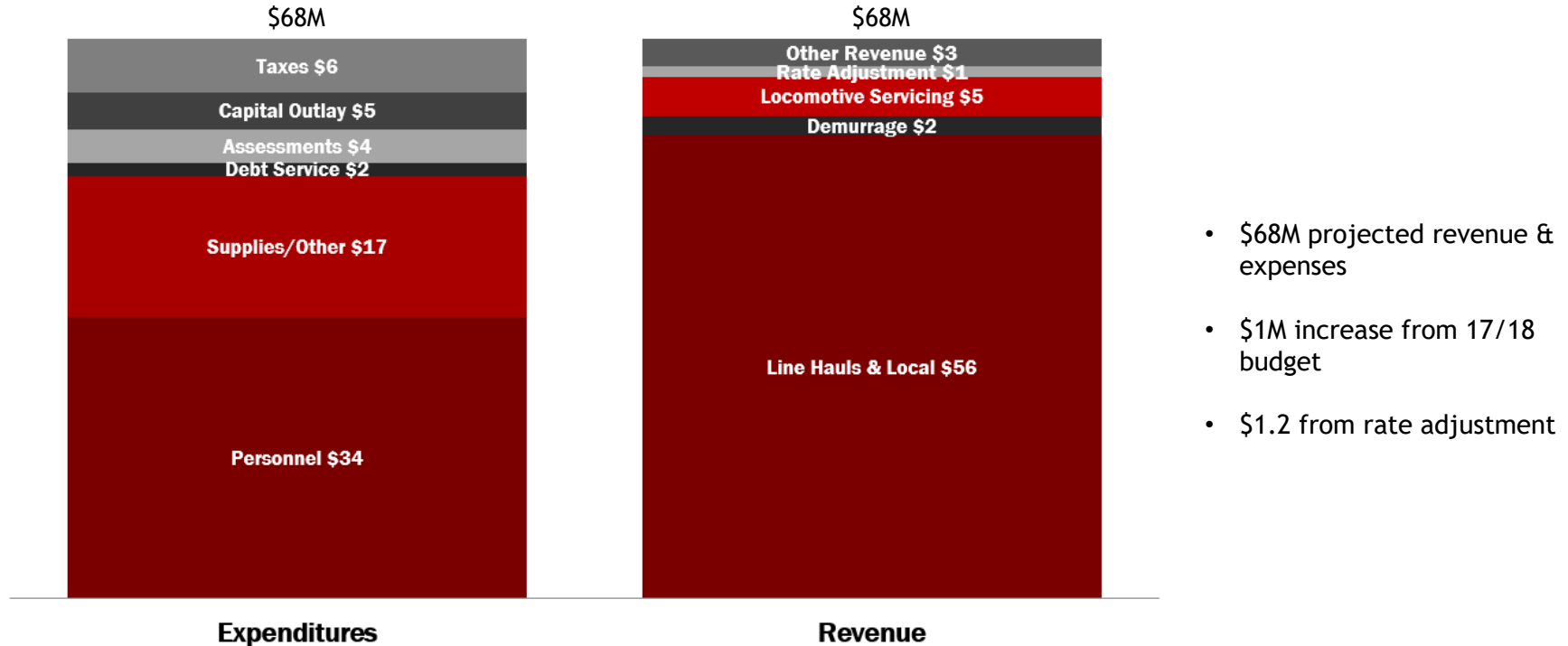
# BUDGET ASSUMPTIONS

- Flat line haul growth from actuals
  - Intermodal
    - 30% intermodal traffic went to Seattle in May 2017
  - Commercial
    - Only traffic increase due to Parcel 77 (new auto facility)
- Personnel Costs
  - Cost of living adjustments
  - New positions
- Regulatory requirements
  - Positive Train Control
  - Oil spill response plan & drills

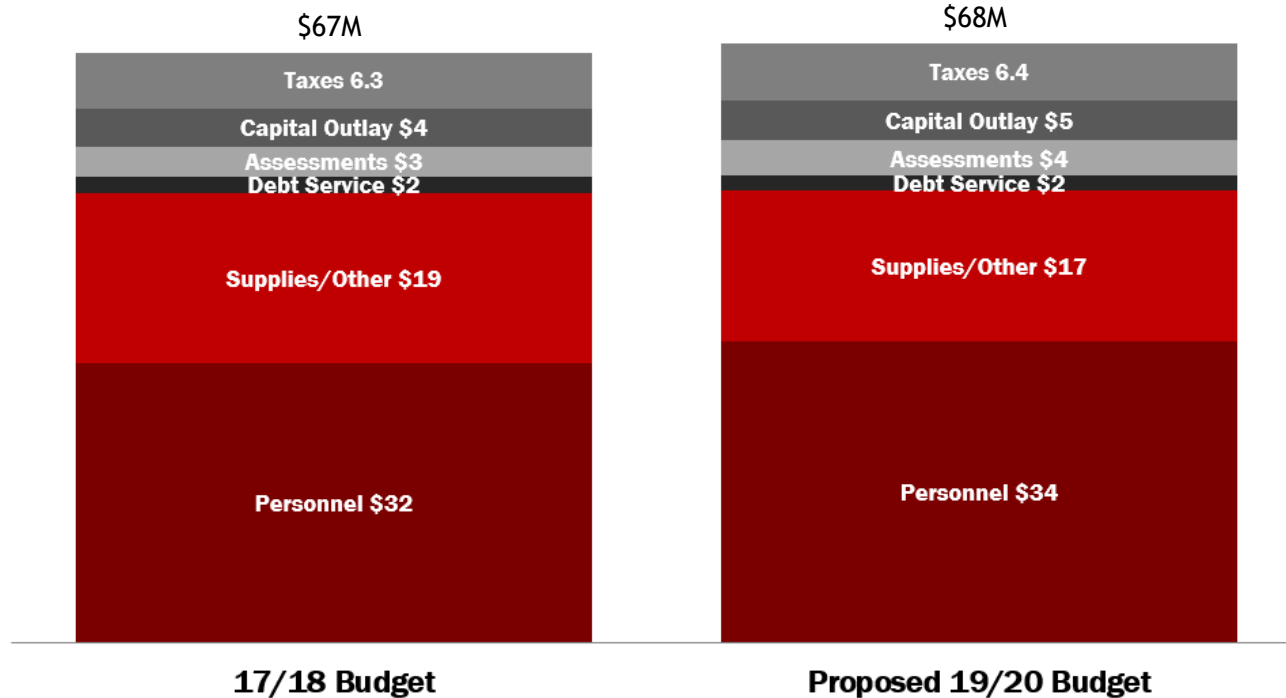
# BUDGET RISKS & MITIGATION

- Risks
  - Line haul volumes
  - New & existing mandates
- Mitigation
  - Furlough process
  - Budgeted more than \$600K
    - Positive Train Control
    - WA Ecology Oil Spill Response Plan drills

# EXPENDITURES & REVENUE



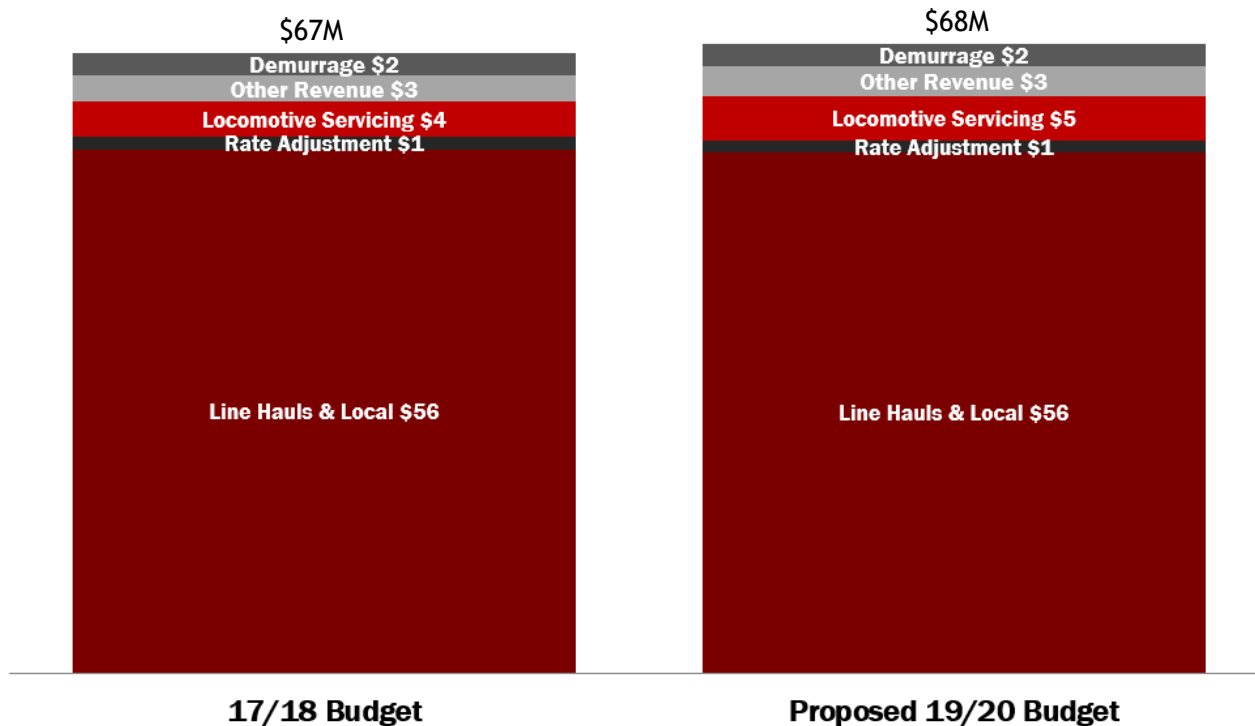
# EXPENDITURES



- \$5.0M decrease in Intermodal Volume Incentive Allowance
- \$1.0M increase to Self Insurance Fund contributions
- \$100K increase for Oil Spill Contingency Plan drills
- \$2.3M increased fuel in support of locomotive servicing & price

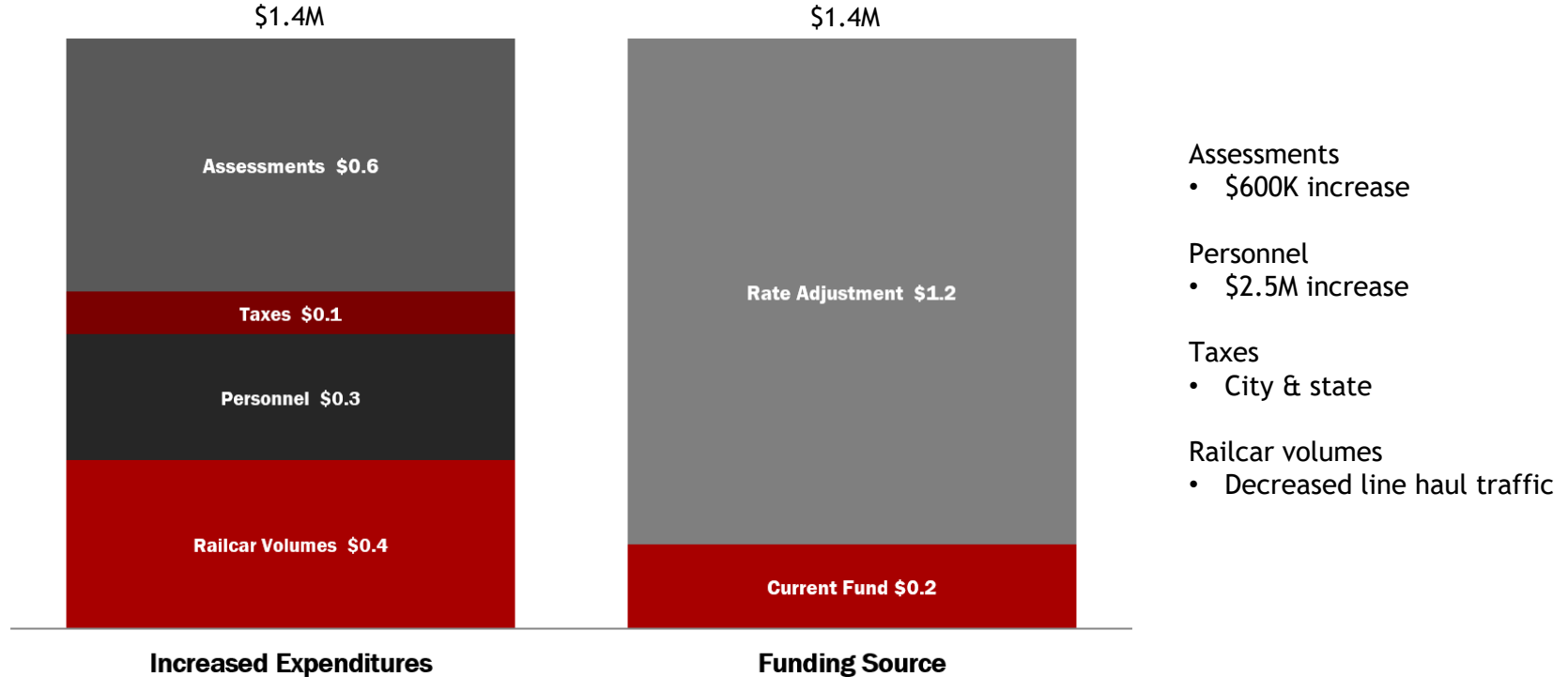


# REVENUE

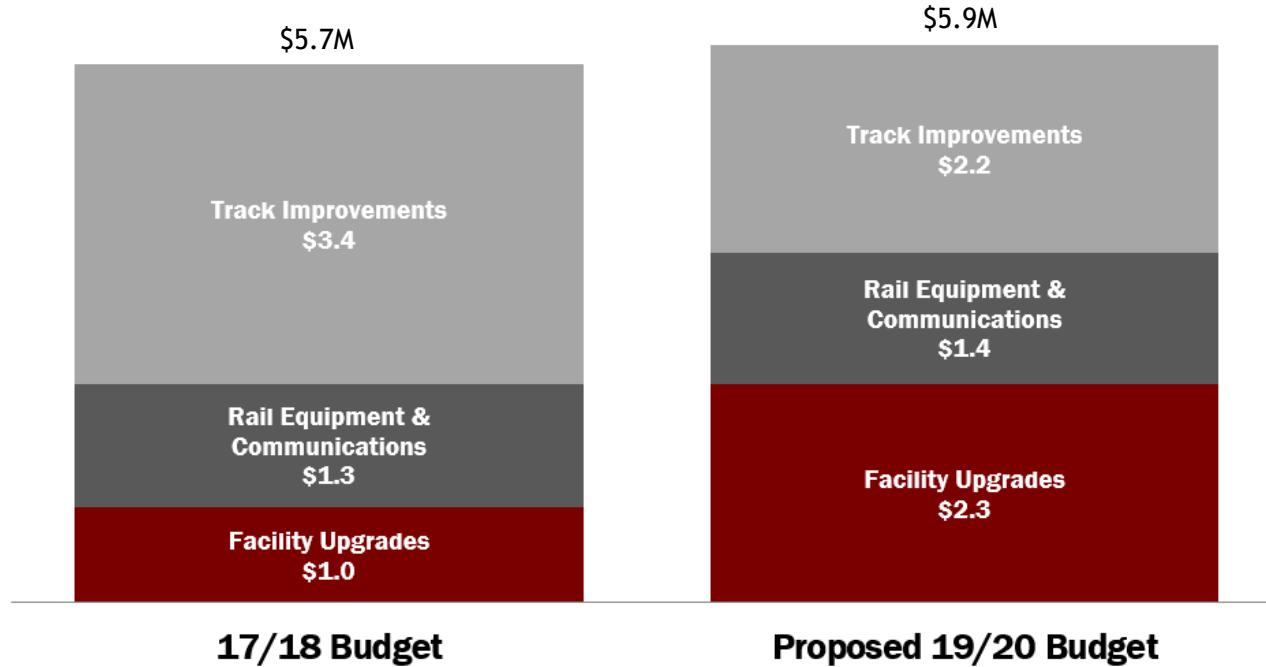


- \$1.1M increase in locomotive servicing
- \$2M increase in terminal switching services
- \$200K appropriation from current fund

# RATE ADJUSTMENT



# CAPITAL



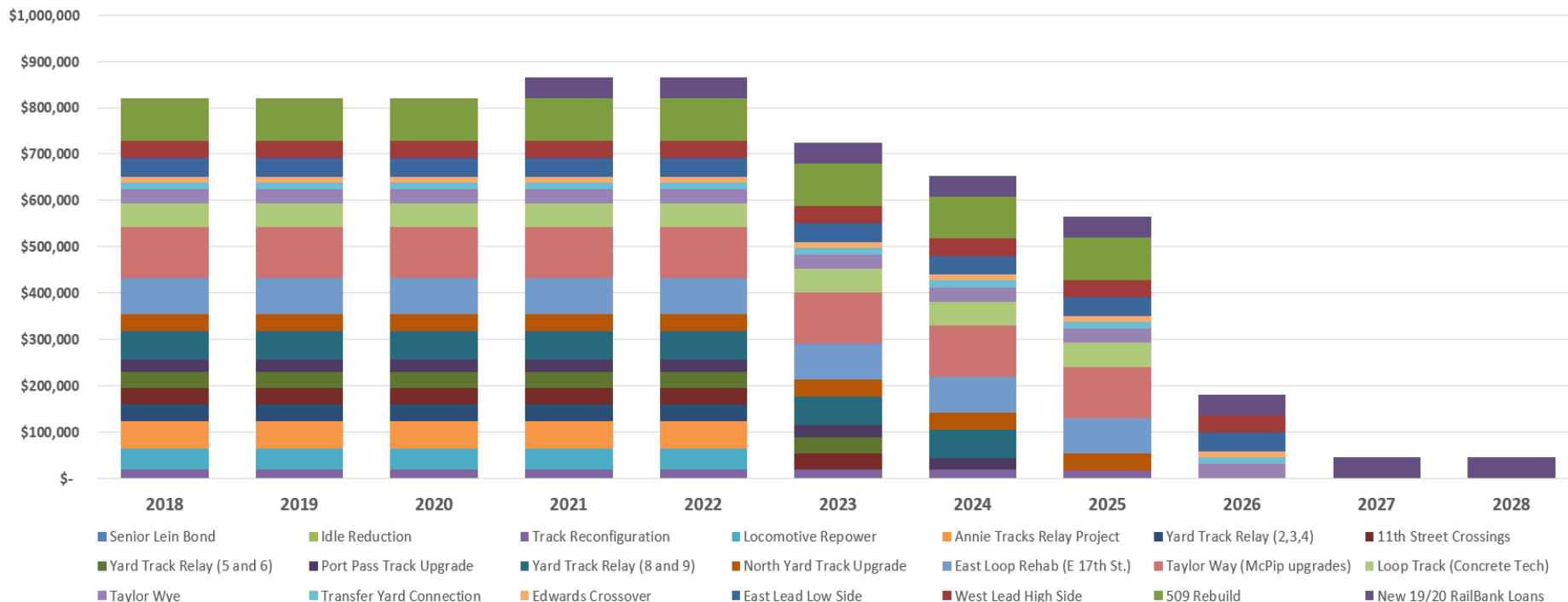
## Capital Funding in 19/20

- \$1.0M Grant
- \$0.5M New debt
- \$4.5M Revenue funded

## Notable projects

- \$1.9M Secondary fuel upgrades
- \$1.0M Locomotive repower
- \$1.0M Marine View Drive Crossing Signals

# DEBT SERVICE



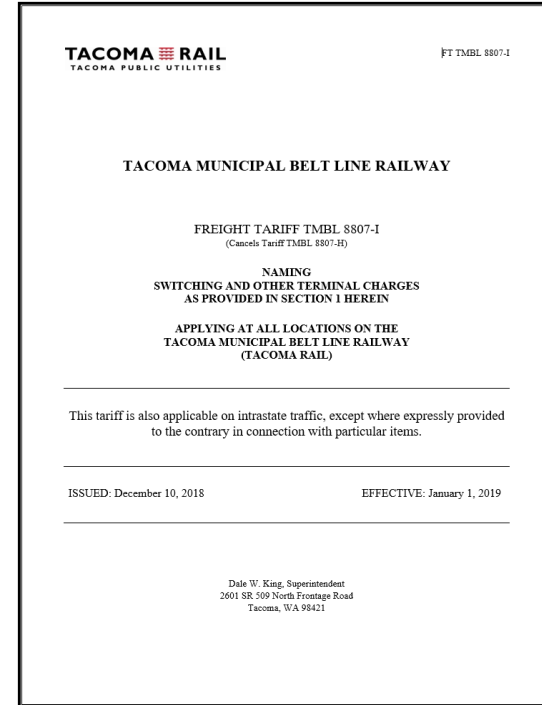
- All 0% WA State Rail Bank loans

# LINE HAUL RATE ANALYSIS

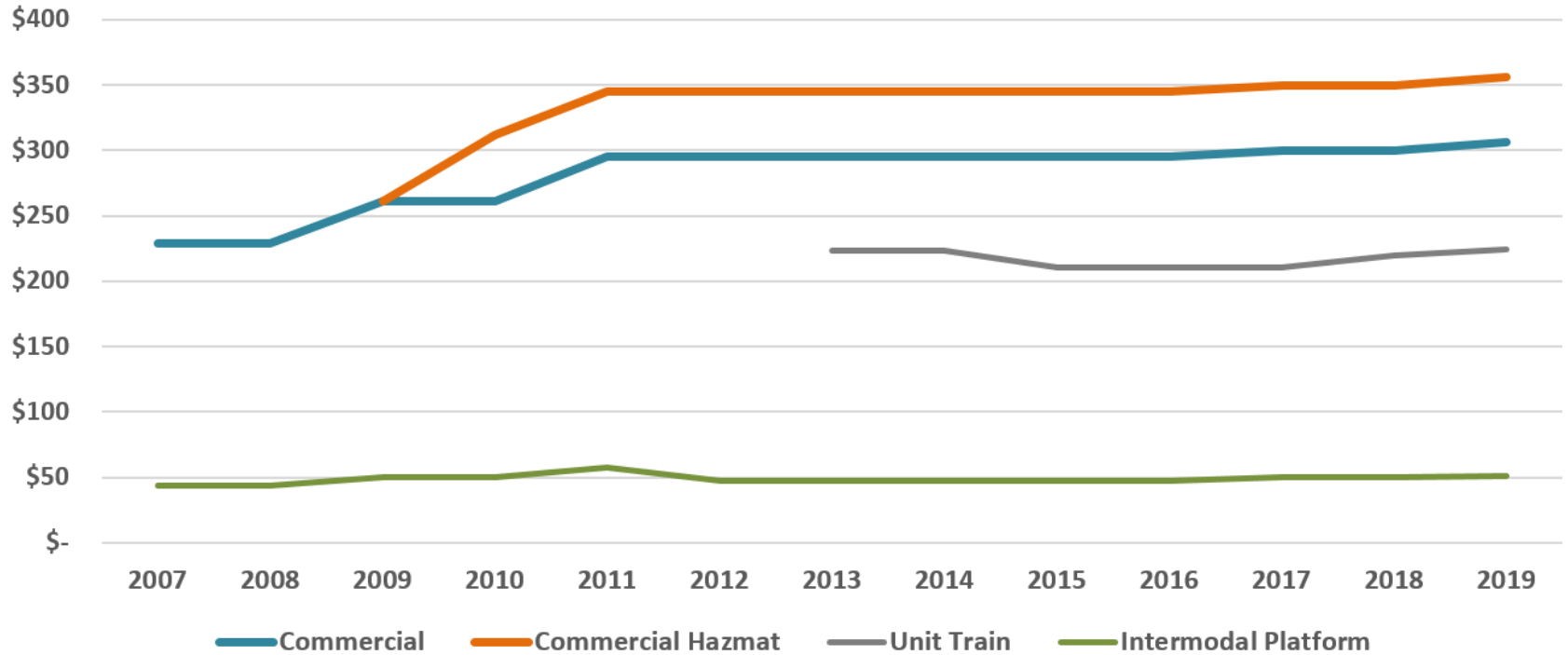
- Intermodal
  - Less labor intensive
  - More volume
  - Yard management
  - Higher track wear
  - Service windows
  - Fewer destinations
  - Do not incur demurrage
- Commercial
  - Labor intensive
  - Lower volume
  - Less track utilization
  - Lower track wear
  - Daily service
  - More destinations
  - Subject to demurrage

# EXPECTED RATE IMPACT

- Line haul rates
  - Last changed in 2017
  - Intermodal
    - +\$1 per platform to \$51
  - Commercial
    - +\$6 per railcar to \$306
  - Unit train single spot
    - +\$4 per railcar to \$224
  - Unit train multiple spot
    - +\$5 per railcar to \$300
- Rate evaluation in 2019 for 2020 rate adjustments

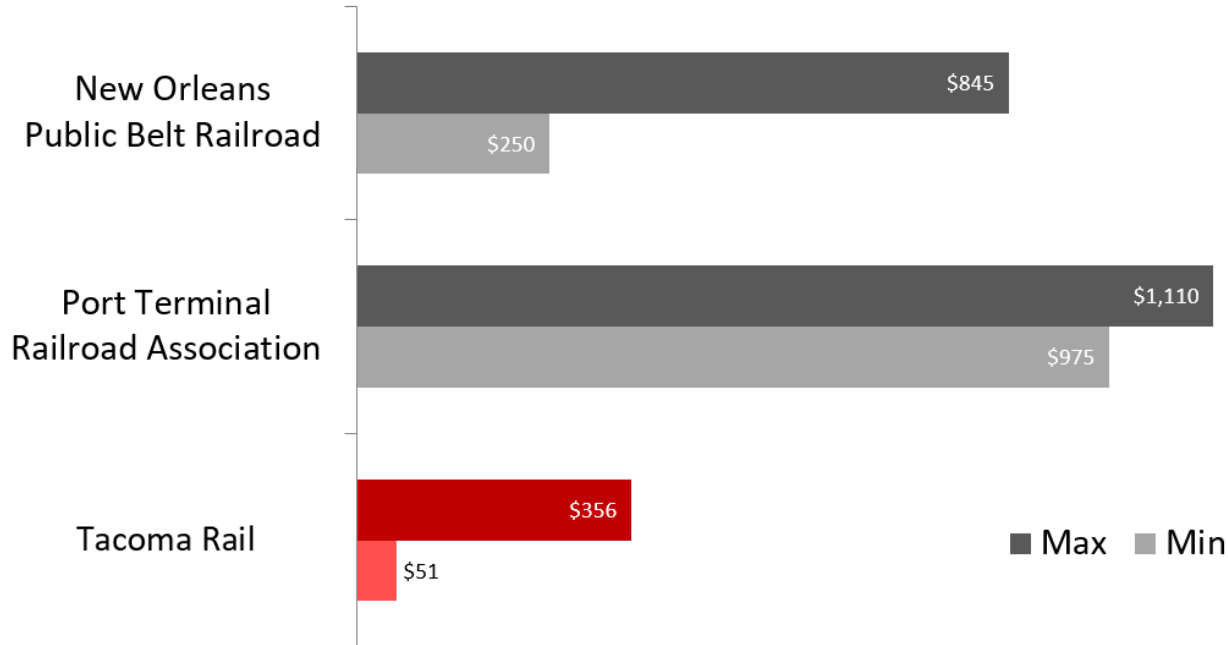


# HISTORICAL TARIFF RATES



# SHORTLINE TARIFF RATES

Tacoma Interchange





# BUDGET & RATE SUMMARY

- Line haul volumes flat from actuals
- Regulations have an impact
  - Positive Train Control
  - WA Ecology Spill Response Plan
- Rates below benchmark short lines
  - Major rate payers:  
BNSF, Union Pacific & US Oil



U.S. Oil & Refining Co.

# FINANCIAL POLICY UPDATES

# FINANCIAL POLICY UPDATES

## Policy Changes

### Water/Power Alignment

#### 1. Low-Income and Senior/Disabled Assistance Programs (Water, Power)

**Addresses programs available through utility assistance programs.** *“The needs of low-income, senior, and disabled water (electric) customers will be considered when establishing rate levels, providing bill assistance, and offering financial education.”*

#### 2. Debt Service Coverage (Water)

**Reduce All-In Debt Service Coverage from 1.25x to 1.00x during periods of spending down cash reserves to formalize commitment to carefully monitor debt service coverage and to demonstrate that gross revenues will be sufficient to cover all expenses.** *“Senior Debt Service Coverage will be maintained above 1.50, exceeding Tacoma Water’s bond covenant requirement of net revenue at least 1.25 times annual senior debt service. All-In Debt Service Coverage will be maintained above 1.25 except when cash reserves are budgeted to meet the annual revenue requirement, when it will be maintained above 1.00.”*

# FINANCIAL POLICY UPDATES

## Policy Changes - continued

### Water/Power Alignment

#### 3. Rate Stability (Power)

**Sets an objective that seeks to stabilize rates and better align with Water's rate and financial policies.** *"To the extent possible, rate adjustments should be as level across years and not exceed general inflationary trends."*

#### 4. Class Rate Increase Cap (Power)

**Addresses caps for class rate increases and enables better alignment with Water's rate and financial policies.** *"Rate adjustments may be phased-in over a limited time period and may be used if a disproportionate change in rate levels is expected for certain classes. Inter-class revenue requirements adjustments significantly in excess of the system average may be allocated proportionally to the remaining customer classes. A gradual approach may be used for the subsidized class to set subsequent rate increases until cost-of-service rates are reestablished."*

# QUESTIONS

# APPENDIX

# REVENUE

(\$ millions)	17/18 Budget	19/20 Budget	Budget to Budget	
<b>Operating Revenue</b>				
Retail Sales	\$648.9	\$729.9	\$ 81.0	12.5%
Anticipated Rate Increase	43.2	16.5	(26.7)	-61.7%
<b>Total Retail Sales</b>	<b>\$692.1</b>	<b>\$746.4</b>	<b>\$54.3</b>	<b>7.9%</b>
Wholesale Sales	83.4	95.8	12.4	14.9%
Telecommunications	61.3	54.7	(6.6)	-10.7%
Other	35.5	39.8	4.3	12.0%
<b>Total Operating Revenue</b>	<b>\$872.3</b>	<b>\$936.7</b>	<b>\$64.4</b>	<b>7.4%</b>
<b>Non-operating Revenue</b>	<b>12.9</b>	<b>12.9</b>	-	-
<b>Total Revenue</b>	<b>\$885.2</b>	<b>\$949.6</b>	<b>\$64.4</b>	<b>7.3%</b>
Current Fund Appropriation	38.2	9.2	(29.0)	-75.9%
<b>Total Revenue &amp; Available Funds</b>	<b>\$923.4</b>	<b>\$958.8</b>	<b>\$35.4</b>	<b>3.8%</b>

# EXPENDITURES

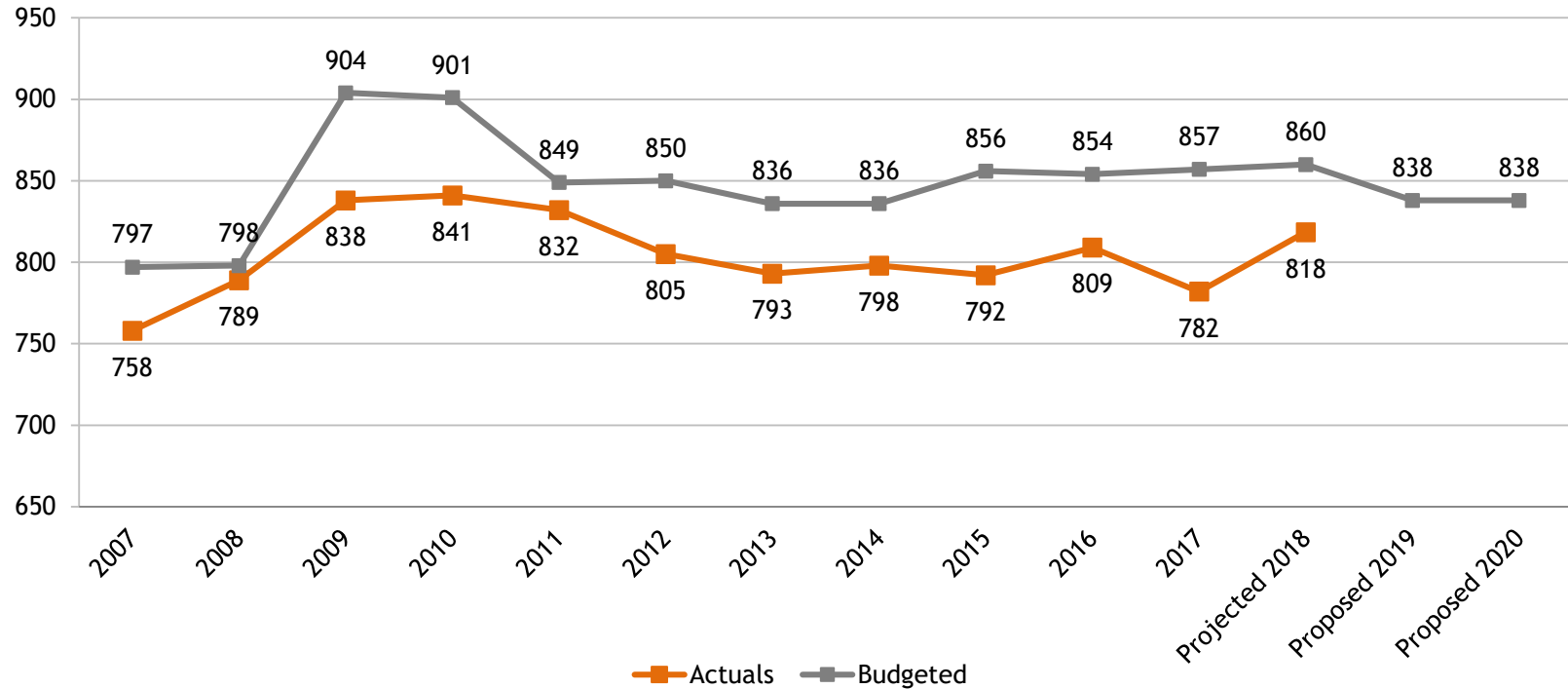
(\$ millions)	17/18 Budget	19/20 Budget	Budget to Budget	
<b>Expenditures</b>				
Personnel Costs	\$200.5	\$185.4	(\$15.1)	-7.5%
Purchased Power	307.1	331.3	24.2	7.9%
Other O&M	159.8	178.9	19.1	12.0%
Capital Outlay	81.8	89.7	7.9	9.7%
Debt Service	67.0	59.1	(7.9)	-11.8%
Taxes	107.2	114.4	7.2	6.7%
<b>Total Expenditures</b>	<b>\$923.4</b>	<b>\$958.8</b>	<b>\$35.4</b>	<b>3.8%</b>
<b>Capital Outlay</b>				
Revenue Funded	\$81.8	\$89.7	\$7.9	9.6%
Debt Funded	108.6	60.0	(48.6)	-44.7%
<b>Total Capital Outlay</b>	<b>\$190.4</b>	<b>\$149.7</b>	<b>(\$40.7)</b>	<b>-21.4%</b>



# CAPITAL BUDGET

(\$ millions)	17/18 Budget	19/20 Budget	Budget to Budget	
<b>Capital Projects</b>				
AMI	\$3.5	\$24.3	\$20.8	586.2%
Aging Infrastructure & Reliability	30.8	20.1	(10.7)	-34.8%
Technology Projects	33.0	16.7	(16.2)	-49.2%
Regulatory	28.3	14.7	(13.6)	-48.1%
Additions & Replacements	46.5	54.0	7.4	16.0%
Remaining Capital Projects	48.3	19.9	(28.4)	-58.8%
<b>Total Capital Projects</b>	<b>\$190.4</b>	<b>\$149.7</b>	<b>\$(40.7)</b>	<b>-21.4%</b>
<b>Capital Funding Sources</b>				
Revenue Funded	\$81.8	\$89.7	\$7.9	9.6%
Debt Funded Bonds	108.6	60.0	(48.6)	-44.7%
<b>Total Sources of Funds</b>	<b>\$190.4</b>	<b>\$149.7</b>	<b>\$(40.7)</b>	<b>-21.4%</b>

# TACOMA POWER EMPLOYEES



# REVENUE

	17/18 Budget	19/20 Budget	Budget to Budget	
(\$ in millions)				
<b>Operating Revenue</b>				
Residential Water Sales*	\$94.3	\$111.6	\$17.3	18.3%
Pulp Mill Water Sales	12.6	13.3	0.7	5.6%
Wholesale Water Sales	4.2	5.6	1.4	33.3%
Other Water Sales	34.4	37.8	3.4	9.9%
Other Operating Revenue*	14.2	8.0	-6.2	-43.7%
Anticipated Rate Increase	7.9	6.4	-1.5	-19.0%
Operating Reserve Appropriation	9.8	16.9	7.1	72.4%
<b>Total Operating Revenue</b>	<b>\$177.4</b>	<b>\$199.6</b>	<b>\$22.2</b>	<b>12.5%</b>
<b>Non-Operating Revenue</b>				
Interest and Other	0.7	1.1	0.4	57.1%
Transfers In From Capital Reserve Fund	8.0	22.0	14.0	175.0%
BABs Subsidy	5.5	5.5	0.0	0.0%
<b>Total Non-Operating Revenue</b>	<b>\$14.2</b>	<b>\$28.6</b>	<b>\$14.4</b>	<b>101.4%</b>
<b>Total Revenue &amp; Available Funds</b>	<b>\$191.6</b>	<b>\$228.2</b>	<b>\$36.6</b>	<b>19.1%</b>

\*Public Fire Protection budgeted in Residential Water Sales in 19/20 (\$7.5 million), budgeted in Other Operating Revenue in 17/18 (\$6.4 million)

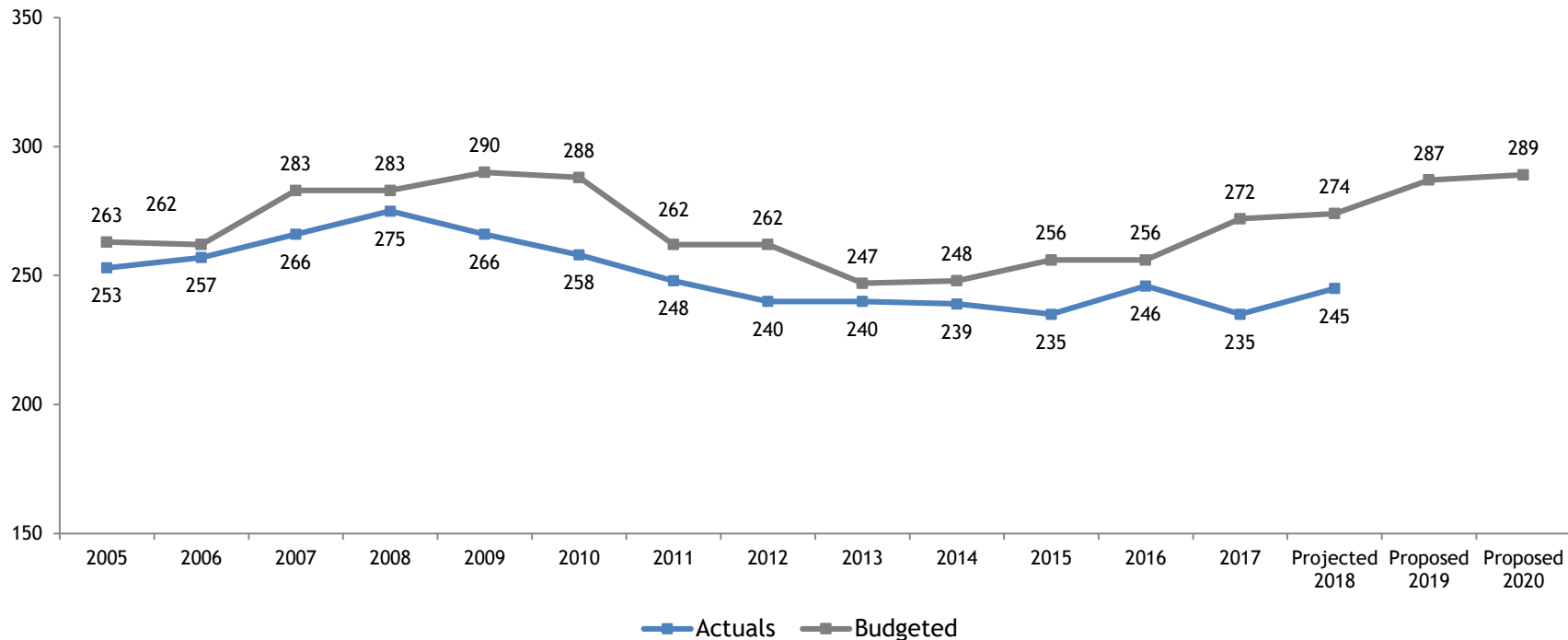
# EXPENDITURES

(\$ millions)	17/18 Budget	19/20 Budget	Budget to Budget	
<b>Expenditures</b>				
Personnel Expenses	\$54.5	\$58.0	3.5	6.4%
Supplies/Other	53.4	57.0	3.6	6.7%
Capital Outlay	8.0	35.1	27.1	338.8%
Debt Service	53.0	53.2	0.2	0.4%
Taxes	22.7	24.9	2.2	9.7%
<b>Total Expenditures</b>	<b>\$191.6</b>	<b>\$228.2</b>	<b>36.6</b>	<b>19.1%</b>
<b>Capital Funding</b>				
Capital Reserve Fund	\$8.0	\$22.0	\$14.0	175.0%
Operating Reserve Fund	0.0	13.1	13.1	100.0%
Existing Bond Funds	40.0	27.3	-13.8	-34.5%
<b>Total Capital Outlay</b>	<b>\$48.0</b>	<b>\$62.4</b>	<b>\$14.4</b>	<b>30.0%</b>

# CAPITAL BUDGET

(\$ in millions)	17/18 Budget	19/20 Budget	Budget to Budget	
<b>Capital Projects</b>				
General Plant	\$5.1	\$16.8	\$11.7	229.4%
Water Distribution Section	27.9	32.0	4.1	14.7%
Water Quality Section	5.3	4.2	-1.1	-20.8%
Water Supply Section	9.7	8.3	-1.4	-14.4%
<b>Total Capital Projects</b>	<b>\$48.0</b>	<b>\$61.3</b>	<b>\$13.3</b>	<b>27.7%</b>
<b>Capital Funding Sources</b>				
Reserve Funded	\$8.0	\$35.1	\$27.1	338.8%
Existing Bonds	40.0	26.2	-13.8	-34.5%
<b>Total Sources of Funds</b>	<b>\$48.0</b>	<b>\$61.3</b>	<b>\$13.3</b>	<b>27.7%</b>

# TACOMA WATER EMPLOYEES



# REVENUE

(\$ in millions)	17/18	19/20	Budget to Budget	
	Budget	Budget		
<b>Operating Revenue</b>				
Line Hauls and Local	\$56.3	\$56.0	\$-0.3	-0.5%
Demurrage	2.3	2.3	0.0	0.0%
Locomotive Servicing	3.7	4.8	1.1	29.7%
Miscellaneous	0.5	0.7	0.2	40.0%
Anticipated Rate Adjustment	1.4	1.2	-0.2	-12.7
<b>Total Operating Revenue</b>	<b>\$64.2</b>	<b>\$65.0</b>	<b>\$0.8</b>	<b>1.1%</b>
<b>Non-operating Revenue</b>				
Rent Income	\$2.2	\$2.2	\$0.0	4.8%
Interest Income	0.2	0.2	0.0	0.0%
<b>Total Non-Operating Revenue</b>	<b>\$2.4</b>	<b>\$2.4</b>	<b>\$0.0</b>	<b>4.3%</b>
Current Fund Appropriation	0.0	0.2	0.2	100%
<b>Total Revenue &amp; Available Funds</b>	<b>\$66.6</b>	<b>\$67.6</b>	<b>\$1.0</b>	<b>1.5%</b>

# EXPENDITURES

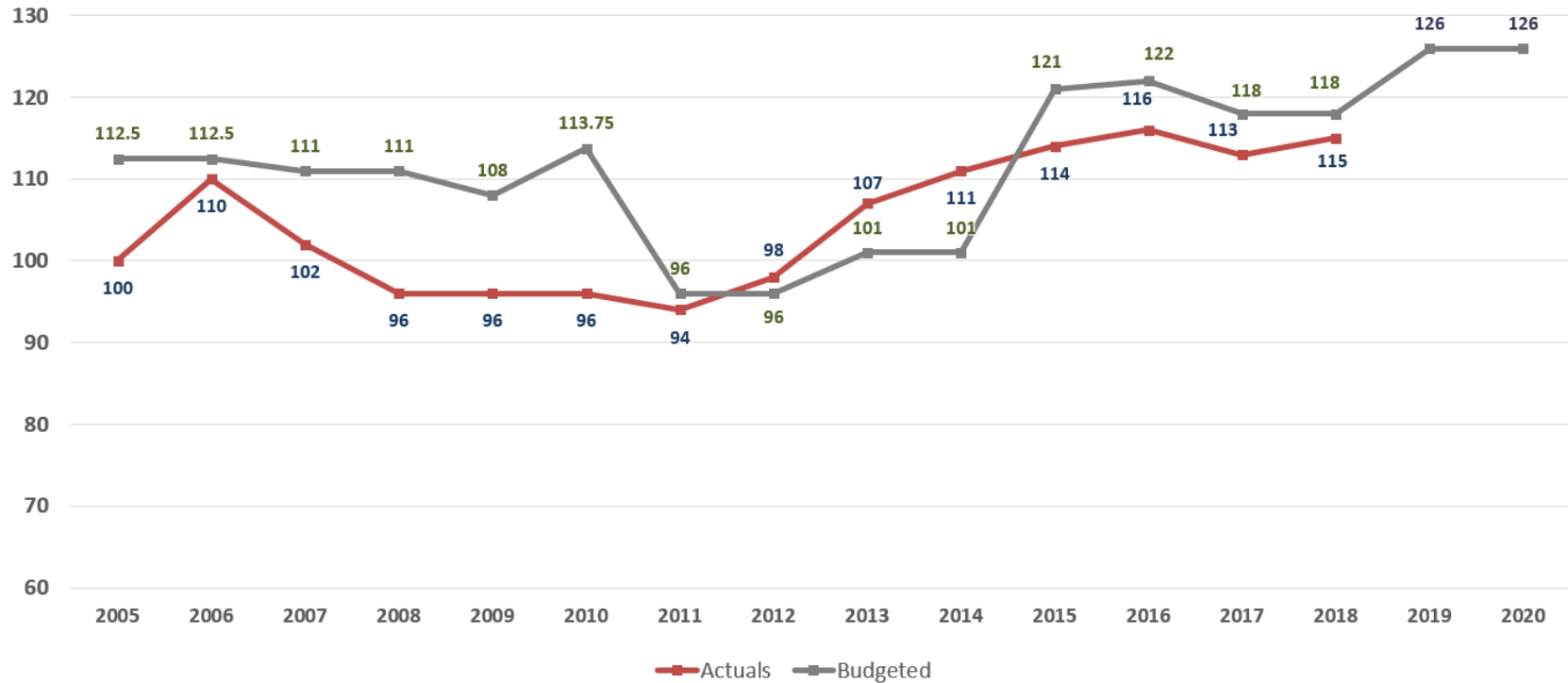
	17/18 Budget	19/20 Budget	Budget to Budget	
(\$ in millions)				
<b>Expenditures</b>				
Personnel Costs	\$31.5	\$34.0	\$2.5	7.9%
Supplies/Other	19.3	17.1	-2.2	-9.5%
Capital Outlay	4.3	4.5	0.2	3.9%
Debt Service	1.8	1.6	-0.2	-8.9%
Taxes	6.3	6.4	0.1	1.4%
Assessments	3.4	4.0	0.6	28.4%
<b>Total Expenditures</b>	<b>\$66.6</b>	<b>\$67.6</b>	<b>\$1.0</b>	<b>1.5%</b>



# CAPITAL BUDGET

	17/18 Budget	19/20 Budget	Budget to Budget	
(\$ in millions)				
<b>Capital Projects</b>				
General Plant	\$0.0	\$0.0	\$0.0	100.0%
Communications	0.3	0.2	0.1	-36.2%
Facility Upgrades	1.0	2.3	1.3	124.4%
Rail Equipment/Vehicles	1.0	1.2	0.2	17.5%
Track Improvement Projects	3.4	2.2	-1.2	-33.8%
<b>Total Capital Projects</b>	<b>\$5.7</b>	<b>\$5.9</b>	<b>\$0.2</b>	<b>4.5%</b>
<b>Capital Funding Sources</b>				
Revenue Funded	\$4.3	\$4.5	\$0.2	3.9%
New Debt/Grants	1.4	1.4	0.0	6.5%
<b>Total Sources of Funds</b>	<b>\$5.7</b>	<b>\$5.9</b>	<b>\$0.2</b>	<b>3.9%</b>

# TACOMA RAIL EMPLOYEES



# RATES TRANSLATION PROJECT

English

Spanish

Vietnamese

## Tacoma Public Utilities Budget and Rates Process for 2019-2020

In fall of 2018, Tacoma Public Utilities will present its 2019-2020 budget for approval to the Public Utility Board and Tacoma's City Council. The proposals include rate adjustments for Tacoma Power and Tacoma Water.

Rate proposals for Environmental Services (Wastewater, Solid Waste, and Surface Water) will be presented to Tacoma City Council after receiving recommendations from the Environmental Services Commission.

### Tacoma Power projected rate adjustment 2% system average increase

### Tacoma Water projected rate adjustment 2.6% for residential customers

- \$1.02 Increase in 2019
- \$1.08 Increase in 2020



### Surface Water projected rate adjustment 4.5% system average increase

- \$1.12 average residential increase in 2019
- \$1.18 average residential increase in 2020

### Wastewater projected rate adjustment 4.5% system average increase

- \$2.38 average residential increase in 2019
- \$2.49 average residential increase in 2020

### Solid Waste projected rate adjustment 3% system average increase

- \$1.32 average residential increase in 2019
- \$1.35 average residential increase in 2020



## Servicios públicos de Tacoma Proceso de presupuesto y tarifas para 2019-2020

En otoño de 2018, los servicios públicos de Tacoma se incluirán en el presupuesto 2019-2020 para su aprobación por parte del Consejo de Servicios Públicos del ayuntamiento de Tacoma. Las propuestas incluyen los ajustes de tarifas para el Servicio de energía y agua de Tacoma.

Las propuestas tarifarias para el Servicio medioambiental (aguas residuales, residuos sólidos y agua superficial) se presentarán en el ayuntamiento de Tacoma después de recibir las recomendaciones de la Comisión de Servicios Medioambientales.

### Ajuste de tarifa proyectado para el Servicio de energía de Tacoma 2 % del incremento promedio del sistema 0.5 % del incremento residencial promedio

- \$0.84 incremento mensual promedio en 2019
- \$0.85 incremento mensual promedio en 2020

### Ajuste de tarifa proyectado para el Servicio de agua de Tacoma 2.5 % del incremento promedio del sistema 2.5 % del incremento residencial promedio

- \$1.02 incremento mensual promedio en 2019
- \$1.08 incremento mensual promedio en 2020



### Ajuste de tarifa proyectado para el Servicio de agua superficial 3.5 % del incremento promedio del sistema 3.5 % del incremento residencial promedio

- \$0.92 incremento mensual promedio en 2019
- \$0.95 incremento mensual promedio en 2020

### Ajuste de tarifa proyectado para aguas residuales 4 % del incremento promedio del sistema 4 % del incremento residencial promedio

- \$2.05 incremento mensual promedio en 2019
- \$2.24 incremento mensual promedio en 2020

### Ajuste de tarifa proyectado para residuos sólidos 3 % del incremento promedio del sistema 3 % del incremento residencial promedio

- \$1.73 incremento mensual promedio en 2019
- \$1.80 incremento mensual promedio en 2020



Estas tarifas son preliminares y están sujetas a cambio.

## Tacoma Public Utilities (Cơ Quan Tiện Ích Công Cộng Tacoma) Ngân sách và Quy trình Định giá năm 2019-2020

Vào mùa thu năm 2018, Tacoma Public Utilities (Cơ Quan Tiện Ích Công Cộng Tacoma) sẽ trình bản ngân sách năm 2019-2020 đến Hội đồng Tiện Ích Công Cộng (Public Utility Board) và Hội đồng Thành Phố Tacoma để phê duyệt. Các đề xuất bao gồm điều chỉnh biểu giá cho Tacoma Power (Cơ Quan Tiếp Vận) và Tacoma Water (Cơ Quan Cấp Nước Tacoma).

Các đề xuất về biểu giá cho Dịch Vụ Môi Trường (thảm thái), Chất Bền Rắn và Nước Bề Mặt sẽ được trình lên Hội đồng Thành Phố Tacoma sau khi nhận được các khuyến nghị từ Ủy Ban Dịch Vụ Môi Trường.

### Điều chỉnh biểu giá dự toán của Tacoma Power Mức tăng trung bình hệ thống 2% Mức tăng trung bình khu vực dân cư 0.5%

- Mức tăng trung bình hàng tháng \$0.84 trong năm 2019
- Mức tăng trung bình hàng tháng \$0.85 trong năm 2020

### Điều chỉnh biểu giá dự toán của Tacoma Water Mức tăng trung bình hệ thống 2.5% Mức tăng trung bình khu vực dân cư 2.5%

- Mức tăng trung bình hàng tháng \$1.02 trong năm 2019
- Mức tăng trung bình hàng tháng \$1.08 trong năm 2020



### Điều chỉnh biểu giá dự toán của Surface Water (Dịch Vụ Nước Bề Mặt) Mức tăng trung bình hệ thống 3.5% Mức tăng trung bình khu vực dân cư 3.5%

- Mức tăng trung bình hàng tháng \$0.92 trong năm 2019
- Mức tăng trung bình hàng tháng \$0.95 trong năm 2020

### Điều chỉnh biểu giá dự toán của Wastewater (Dịch Vụ Xử Lý Nước Thải) Mức tăng trung bình hệ thống 4% Mức tăng trung bình khu vực dân cư 4%

- Mức tăng trung bình hàng tháng \$2.05 trong năm 2019
- Mức tăng trung bình hàng tháng \$2.24 trong năm 2020



### Điều chỉnh biểu giá dự toán của Solid Waste (Dịch Vụ Xử Lý Chất Thải Rắn) Mức tăng trung bình hệ thống 3% Mức tăng trung bình khu vực dân cư 3%

- Mức tăng trung bình hàng tháng \$1.73 trong năm 2019
- Mức tăng trung bình hàng tháng \$1.80 trong năm 2020

Đây là các biểu giá sơ bộ và có thể thay đổi.

# RATES TRANSLATION PROJECT

# Khmer


## Russian

## Korean

ផ្នែកសេវាសាធារណៈទីក្រុងតាខ្មៅ  
កញ្ចប់ថវិកា និងដំណើរការអត្រាតម្លៃសម្រាប់ឆ្នាំ 2019-2020

នៅក្នុងឆ្នាំនេះនឹងប្រឡង៖ 2018 ផ្នែកសាសាអាល្លឺម៉ង់ វិទ្យាភាសា ទ្រឹស្តី និងទ្វីករដោយស្មើគ្នាចាប់ពីឆ្នាំ 2019-2020 របស់ប្រទេសប្រាប់កម្ពុជា  
អនុវត្តកម្មវិធីសាសាអាល្លឺម៉ង់ និងប្រព្រឹត្តិការណ៍វិទ្យាភាសា ដំណើរការនេះ គួរឱ្យយល់ថាសាសាអាល្លឺម៉ង់នៅក្នុងប្រទេសកម្ពុជា  
នឹងប្រព្រឹត្តិការណ៍វិទ្យាភាសា


សំណើសម្រាប់កំណត់ត្រាចេញសម្រាប់ការដឹកនាំ (ការកំណត់ចំណាំ ការកំណត់ចំណាំ និងប្រព័ន្ធ) នឹងត្រូវរៀបចំ  
បញ្ជីបញ្ជី ទៅកាន់ក្រុមការងារសម្រាប់ដឹកនាំ (ការកំណត់ចំណាំ និងប្រព័ន្ធ) ក្នុងក្រុមការងារដឹកនាំ។

 អង្គការយុវជនកម្ពុជា


— កើនឡើងជាមធ្យមប្រចាំថ្ងៃ \$0.84 ក្នុងឆ្នាំ 2018

**វិទ្យាស្ថានពន្លឺ** ត្រូវបានបង្កើតឡើងដោយការកែលម្អបច្ចេកវិទ្យាពន្លឺ និងការអភិវឌ្ឍន៍បច្ចេកវិទ្យាពន្លឺ។  
បច្ចុប្បន្នមានការអភិវឌ្ឍន៍បច្ចេកវិទ្យាពន្លឺ ៤៨%

- ហើរឡើងជាមធ្យមប្រចាំថ្ងៃ \$1.02 ក្នុងឆ្នាំ 2019
- ហើរឡើងជាមធ្យមប្រចាំថ្ងៃ \$1.06 ក្នុងឆ្នាំ 2020

 ផ្នែករដ្ឋបាលនៃអង្គភាពនេះបានប្រមូលទិន្នន័យសាមញ្ញនៃការប្រើប្រាស់ប្រភេទប្រដាប់ប្រដាប់ ៣,៥%

- កើនឡើងជាមធ្យមប្រចាំខែ \$0.82 ក្នុងឆ្នាំ 2019
- កើនឡើងជាមធ្យមប្រចាំខែ \$0.86 ក្នុងឆ្នាំ 2020


 ឆ្នាំកក្កដាដែលជាទីក្រុងតាខ្មៅបានជ្រើសរើសប្រធានាធិការសម្រាប់ឆ្នាំកក្កដា  
 ឆ្នាំកក្កដាបានជ្រើសរើសប្រធានាធិការសម្រាប់ឆ្នាំកក្កដា 4%  
 ឆ្នាំកក្កដាបានជ្រើសរើសប្រធានាធិការសម្រាប់ឆ្នាំកក្កដា 4%

- ហិរញ្ញវត្ថុតាមរូបប្រព័ន្ធ \$2.66 ពាន់លាន ២០19
- ហិរញ្ញវត្ថុតាមរូបប្រព័ន្ធ \$2.24 ពាន់លាន ២០20

ប្រភេទការងារដែលទំនុកចិត្តបានខ្ពស់បំផុតរបស់ប្រជាជនកម្ពុជា


- ភើនឡើងជាមធ្យមប្រចាំខែ \$1.75 ក្នុងឆ្នាំ 2019
- ភើនឡើងជាមធ្យមប្រចាំខែ \$1.80 ក្នុងឆ្នាំ 2020

အမှတ်အသား: လုပ်ငန်းသတ်မှတ်ချက်၊ အသေးစားပုံစံ


Коммунальная служба Такомы  
Процесс подготовки бюджета и тарифов на  
2019-2020 гг.

Осенью 2018 года Коммунальная служба Такомы (Tacoma Public Utilities) представит свой бюджет 2019-2020 гг. на утверждение Правления Коммунальной службы (Public Utility Board) и Муниципального совета (City Council) Такомы. Предлагается внести поправки в тарифы за электроэнергию и водоснабжение в Такоме.


Commission) на рассмотрение Муниципального совета Тахоми будут внесены предлагаемые тарифы Управления экологических услуг (Environmental Services) (за обработку сточных вод, твердых отходов и поверхностных стоков).

 Предполагаемая коррекция тарифов за электроэнергию в Токмо


— среднее месячное увеличение на 0,84 доллара в 2019 году


Предполагаемая коррекция тарифов за водоснабжение в Тамоге

- среднее ежемесячное увеличение на 1,02 доллара в 2019 году
- среднее ежемесячное увеличение на 1,08 доллара в 2020 году


Предполагаемая коррекция тарифов за обработку поверхностных стоков

- среднее месячное увеличение на 0,82 доллара в 2019 году
- среднее месячное увеличение на 0,86 доллара в 2020 году

 **Предполагаемая коррекция тарифов за обработку сточных вод**  
среднее увеличение на 4% по системе

- среднее месячное увеличение на 2,05 доллара в 2019 году
- среднее месячное увеличение на 2,34 доллара в 2020 году

**Предполагаемая коррекция тарифов за обработку твердых отходов**


- среднее месячное увеличение на 1,73 доллара в 2019 году
- среднее месячное увеличение на 1,60 доллара в 2020 году

Эти тарифы являются рекомендательными и могут быть изменены.


타코마 공공 서비스  
2019~2020 년도 예산 및 요금 진행 현황

2018년 가을, 타코마 공공 서비스(Tacoma Public Utilities)는 공공 서비스 위원회와 타코마 시의회에 2019~2020년도 예산을 제출해 승인을 요청할 예정입니다. 이 예산안에는 타코마 전기 및 타코마 수도의 요금 조정이 포함됩니다.

환경 서비스(오수, 고형 폐기물 및 지표수)에 대한 요금안은 환경 서비스 위원회로부터 제안을 받은 후 타코마 시의회에 제출할 예정입니다.

 **타코마 전기 예상 조정 요금**  
2% 시스템 평균 인상

- 2019년 월평균 \$0.64 인상
- 2020년 월평균 \$0.85 인상

 **타코마 수도 예상 조정 요금**  
2.5% 시스템 평균 인상

- 2019년 월평균 \$1.02 인상
- 2020년 월평균 \$1.08 인상

**지표수 예상 조정 요금**  
3.5% 시스템 평균 인상  
3.8% 평균 주거용 인상

- 2019년 월평균 \$0.92 인상
- 2020년 월평균 \$0.95 인상

**오수 예상 조정 요금**  
4% 시스템 평균 인상  
4% 평균 주거용 인상

- 2019년 월평균 \$2.05 인상
- 2020년 월평균 \$2.24 인상

**고형 폐기물 예상 조정 요금**  
3% 시스템 평균 인상  
3.5% 평균 증가를 예상

- 2019년 월평균 \$1.73 인상
- 2020년 월평균 \$1.60 인상

이 수업을 역사 강해이며, 복습할 수 있음! (2)

# LOW-INCOME ASSISTANCE

## Customer Solutions staff increasing community outreach/engagement

- Two different utility bill payment programs are available for eligible households. Both programs are based on household income up to 150% of federal poverty guidelines:
  - **Discount Rate Program** - 30% discount on all utility services for customers 62 years of age or older OR receiving qualifying disability income.
  - **Bill Credit Assistance Plan** - Eligible households can achieve monthly or bimonthly bill credits up to \$564 per year with on-time utility payments.
- **Financial Education Available:**
  - Customers enrolled in the Discount Rate Program or the Bill Credit Assistance Plan are eligible to attend a financial education program through an authorized community partner. Successful completion will achieve an additional one-time utility bill credit up to \$160.