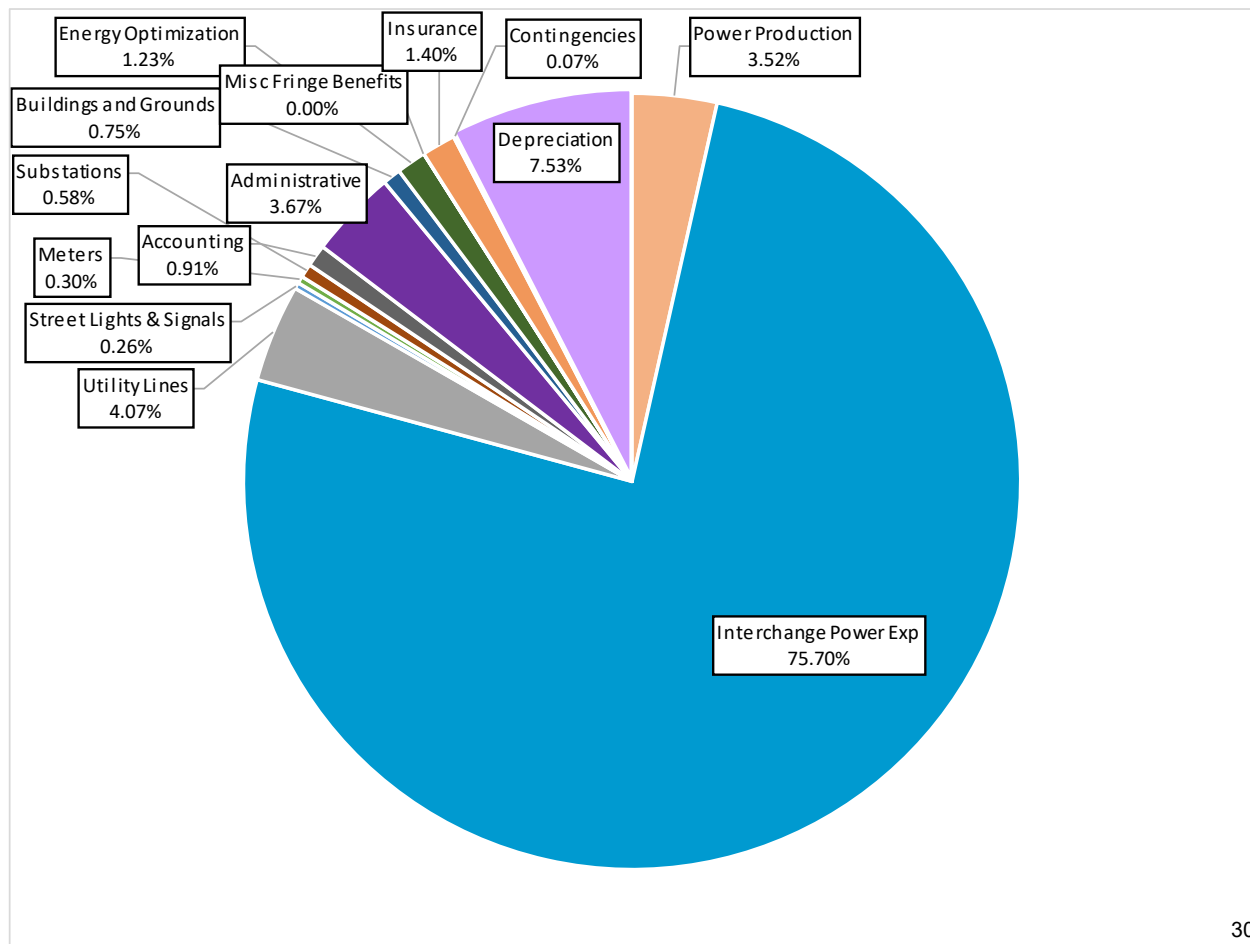


ZEELAND BOARD OF PUBLIC WORKS ELECTRIC UTILITY

FUND 582

	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Change
Financial Summary	Actual	Budget	Projected	Budget	From FY 23-24
Personnel Services	\$ 2,922,205	\$ 3,267,400	\$ 2,849,367	\$ 3,742,453	
Less Capitalized Labor	(266,607)	(295,500)	(255,467)	(398,171)	
Operating Costs	34,038,021	38,692,083	32,984,093	37,564,623	
Capital Outlay	1,354,213	12,809,750	10,093,129	5,374,000	
Capital to MPIA	-	-	-	-	
Transfers Out	530,564	595,318	595,318	645,473	
Debt Principal	-	-	-	-	
Total	\$ 38,578,396	\$ 55,069,051	\$ 46,266,440	\$ 46,928,378	-14.78%
Personnel Summary	Budget		Budget		% Change
Full Time Positions		21.38		24.23	
Part Time Positions		2.04		2.01	
Full-Time Equivalents		23.42		26.24	12.04%

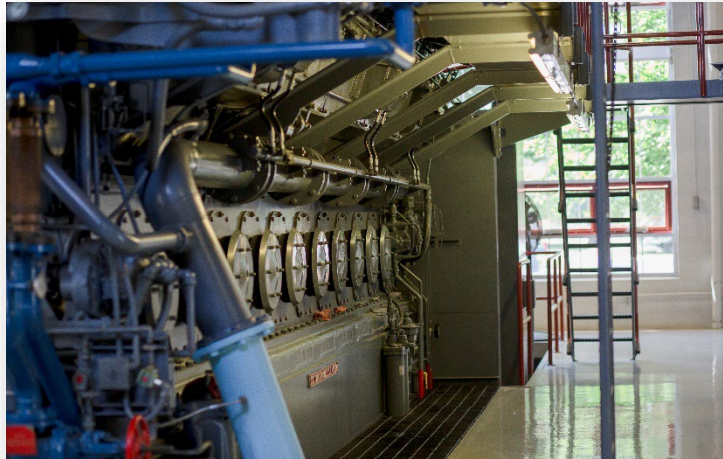
This fund accounts for the activities of the Zeeland Board of Public Works Electric Utility. Budgeted operating expenses are expected to breakdown as follows:



Electric Operations, Revenues & Rates:

Electric load growth remains strong at an anticipated 4.0 percent which, similar to prior years, is mostly attributable to strong industrial usage and sales. The good news for the coming fiscal year is a forecasted 5.9 percent year over year decrease in per-unit wholesale power supply costs (\$/MWh). This is primarily due to decreased natural gas prices and MISO market energy prices. Electric operating revenues are projected at \$39.1 million

for FY2025 which represents a decrease of just under 10 percent compared to budgeted FY2024 revenues. Electric sales volume is projected at 447,500 megawatt-hours compared to a projected 428,900 megawatt-hours for FY2024. Power supply-related expenses comprise nearly **85 percent** of all BPW electric utility costs. Variations in energy, capacity, and transmission costs will be passed through on retail rates via the Power Cost Adjustment. The FY2025 budget includes a 12-month rolling average fuel and power cost adjustment and the Clean Energy Program costs. The net effect of the proposed budget and anticipated changes in the 12-month rolling average of the power cost adjustment factor are expected to result in an average retail rate of approximately 8.6 cents per kilowatt-hour (kWh). Consistent with past performance, electric rates are expected to compare favorably with that of other electric utilities in the region, and the BPW residential rate is estimated to remain 40% or more below that of Consumers Energy depending on usage amounts.



Renewable Energy:

The power purchase agreement for the North American Natural Resources (NANR) Autumn Hills Landfill Gas Generating Plant will reach term in May 2024. This renewable energy resource has been the highest cost per kilowatt-hour resource of all BPW portfolio energy resources until recently. The facility was purchased by natural gas infrastructure giant Kinder Morgan who plans to pivot from landfill gas generation to renewable natural gas production. With this change in priorities, Kinder Morgan was receptive to re-negotiating the off-take price from Autumn Hills to an amount more closely aligned with market for the remainder of the contract term. The more favorable pricing terms went into effect October 1, 2023. In February 2023, one last apportionment of Renewable Energy Credits (RECs) attributable to the NANR Autumn Hills Landfill Generating Plant were sold into the Ohio PJM market resulting in proceeds of just over \$33,000 which effectively reduced the total cost of power supply from this resource. Beebe Wind Farm, Pegasus Wind Farm, Assembly Solar, Invenergy Calhoun Solar, AES Calhoun Solar, and Hart Solar are included in the FY2025 wholesale power supply forecast. Additional solar resources are being evaluated for inclusion in the BPW's renewable energy and power supply portfolio. Approximately 19 percent of the BPW's system energy needs will come from wind and solar renewable sources in FY2025.

Clean Energy Program:

This program provides monetary incentives to our retail customers who implement qualifying energy efficiency improvement measures and has proven beneficial to all ZBPW customers over the years since the program's inception in 2009. Annual expenditures have averaged over \$400,000 in the most recent 5-year period. Substantial energy savings have been documented as a result of the program, thereby saving on BPW power supply costs which translates into savings for all electric customers.

The Michigan Public Power Agency (MPPA) administers a contract with Franklin Energy, a third-party provider of energy efficiency programming, of which the BPW is a subscriber. Program expenses are recovered via monthly flat and per kilowatt-hour retail utility charges. The FY2025 budget includes Clean Energy Program costs as well as offsetting Clean Energy Program revenues.

Power Supply Addition(s):

The BPW added the following products to its power supply portfolio in FY2024 through joint action agency Michigan Public Power Agency (MPPA) in accordance with the ZBPW Energy Risk Management Policy.

- Bilateral energy purchases for Calendar Years 2025 through 2028
- Capacity Purchase Commitments for Planning Years 2025/2026 through 2039/2040 filling significant open positions through PY2029/2030
- A Battery Energy Storage System (BESS) 10-year capacity purchase agreement; Years 1 through 3 - 1.7MW, Years 4 through 10 - 4.0MW. Operation is expected between June 2025 and September 2026.
- Amended the AES Calhoun County Solar Project PPA executed in 2021 due to project challenges and changing market conditions: 2.9MW share of energy, capacity, environmental attributes, and reactive power services for a term of 20-years with an anticipated commercial operating date of Q2 2025.
- Presently negotiating another potential Solar Project Power Purchase Agreement: 2.8MW of energy, capacity, environmental attributes, and ancillary services for a term of 20-years with an anticipated commercial operating date of Q2 2025.

Operating Expenses:

The FY2025 budget reflects a year-over-year Power Production Personnel expense increase of approximately 20 percent due to the addition of two (2) Electric System Operator I positions in anticipation of retirement of two (2) Electric System Operators II employees. Similarly, the Transmission & Distribution Personnel expenses budget reflects a year-over-year increase of approximately 30 percent due to the addition of one (1) Apprentice Line Worker position in anticipation of the retirement of one (1) Journey Line Worker within 3-5 years. In both cases, substantial on-boarding and training is necessary over multiple years for these new resources to attain full proficiency. As a result, staffing levels and, subsequently, the Personnel expense budgets in both the Power Production and Transmission & Distribution cost centers will be temporarily inflated until the anticipated retirements occur.

The Power Production Professional and Contracted Services budget includes \$125,000 for a Generation Study RFP; an initiative that has been carried over from the prior budget cycle. Recent State of Michigan legislation enacted in late 2023 will likely influence the generation study outcomes. The Power Production and Contracted Services budget also includes funding for equipment maintenance services, small O&M projects, and security camera additions.

The Transmission budget includes \$19,500 for the temporary repair of a transmission pole that has been subject to recent woodpecker damage, as well as the installation of protective wrap on two adjacent transmission poles. The damaged wood pole will eventually be replaced with a non-wood pole and funding for engineering design services has been included in the FY2025 Professional & Contractual Services budget. The pole replacement project is reflected in the Transmission & Distribution FY2025 CIP plan.

The Utility Lines budget includes funding for safety training and services, engineering consulting services for design of the aforementioned woodpecker-damaged transmission pole, switchgear cleaning, infrared thermography, insulated material testing, and switchgear foundation upgrades. A Line Worker Apprentice will be hired to back-fill a vacant Journey Line Worker position. This vacancy came about due to internal promotion. In anticipation of having two (2) new Apprentice Line Workers, the apprentice training budget has been increased over prior years' spending levels.

The Substations budget includes funding for Riley Substation preventative maintenance, substation driveway repairs and landscaping improvements as well as various minor substation equipment.

The Accounting budget includes funding contributions for utility billing-related activities (billing supplies, postage, meter reading, etc.), and annual audit consulting services.

The Administration budget includes funding contributions for community promotion supplies, internal computer services and infrastructure, safety training and services, various dues and fees, marketing services, training and travel for administrative personnel, community contributions (Holiday Power Dollars, Community Grant, various sponsorships for local events, the annual Business & Industry Breakfast), Home Energy 101 new programming, Conpoto Power Dollars currency fees, customer-facing printed materials, board meeting food and refreshments, and employee appreciation activities.

The Building and Grounds budget includes funding for lawn and snow maintenance, janitorial and cleaning services, and a BPW Administrative Office renovation / remodeling study (split 75%/25% between Electric and Water).

The FY2025 budget reflects a year-over-year increase of nearly 9 percent in Insurance costs due to increased premium costs.

Other Electric Department operating expenses include a \$645,000 transfer to the City of Zeeland General Fund as required by Charter, a \$30,000 transfer to the City of Zeeland for marketing activities, \$25,000 for Lakeshore Advantage, \$20,000 for utility bill payment assistance, and \$96,000 in franchise fee payments to Zeeland Charter and Holland Charter Townships.

Income:

Projected income, depreciation, contribution in aid of construction, and cash reserves are more than adequate to fully fund capital improvements proposed in the Electric utility's FY2025 Capital Improvement Program.

Capital Improvements:

FY2025 capital improvements are planned at a spending level of approximately \$5,380,000 outlined in the proposed 6-Year Capital Improvement Program. Included in this figure is \$2,785,000 for Transmission and Distribution Improvements consisting of modifications needed in anticipation of planned street reconstruction/resurfacing projects, overhead to underground conversions, the new North Side Substation distribution circuit exits, replacement of underground distribution facilities serving the Maple Valley Estates mobile home park, and distribution system sectionalizing. A federal grant is being pursued to partially fund the Maple Valley Estates project. This project will proceed regardless of grant funding. A large bucket truck is also scheduled for replacement in this budget. This procurement was originally planned for FY2024 but was delayed until FY2025. A light vehicle is also scheduled for replacement in this budget. The purchases of an electric meter accuracy tester and a phase checker are also included in this plan.

Generation Capital Improvements totaling \$290,000 includes funding for phase 2 of the generating facilities fire and gas detection systems, and the rebuilding of Unit #11 cooling tower.

Facilities Capital Improvements totaling \$1,212,000 includes funding to upgrade the UPS at the Riley generation facility, repaving the driveway at Riley substation, and BPW Administrative Office renovations (split 75%/25% between Electric and Water).

Technology Improvements totaling \$111,000 includes funding for the continuation of the utility billing system upgrade project.

A Contribution in Aid of Construction amount of \$2,600,000 is anticipated in the FY2025 Capital Plan. This contribution will offset the BPW's investment for the Northside Substation project.

Operational Data

The following provides some operational data for the electric utility (FY2023 data):

Number of Customers by Classification:

Residential	5,971
Commercial	744
Industrial	114
Public	126
Street Lights	90
Flat Rate	8
	<hr/> 7,053

Percentage by Customer Location:

Within City of Zeeland	40.8%
Outside City of Zeeland	59.2%

BPW On-System Generation Capacity: 36 MW

BPW Entitlement Interests in Generation Capacity:

Belle River	11.58 MW
AMP Fremont Energy Center (AFEC)	7.06 MW
Autumn Hills Landfill Gas Generation	4.0 MW (Contract terminates 5/30/2024)
Beebe Wind	2.28 MW
Pegasus Wind	12.2 MW
Assembly Solar (Phases 1 & 2)	14.2 MW
Invenenergy Calhoun Solar	8.0 MW

Miles of Primary Distribution Lines (Percent of Total):

Underground	126.8 miles (77%)
Overhead	37.9 miles (23%)

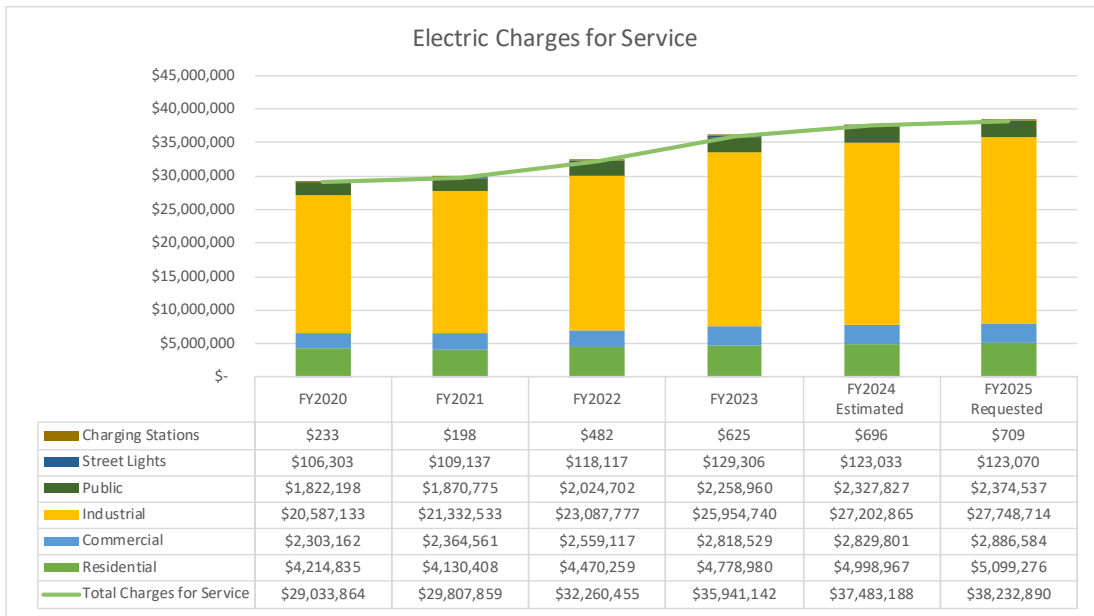
Miles of High Voltage Transmission Lines: 17.3 miles

FY2023 Anticipated Sales Volume: 447,500 MWh

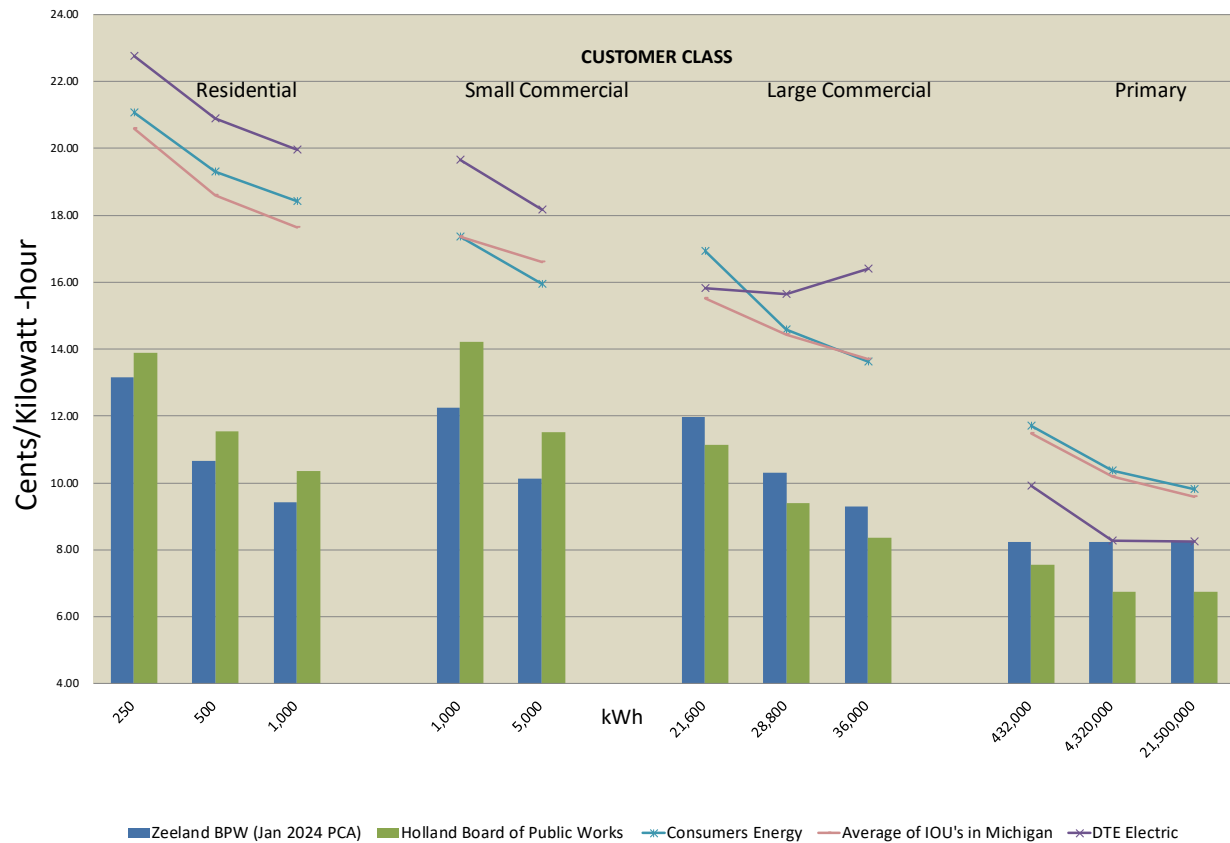
FY2023 Anticipated Peak System Demand: 88.9 MW

All Time Peak Load (September 5, 2023, HE 14:00): 84.244 MW

Approximate Service Area: 28.2 square miles



Zeeland BPW Electric Rate Comparison – January 2024



BUDGET WORKSHEET FOR CITY OF ZEELAND

Fund 582: ELECTRIC UTILITY FUND
2024-2025 FISCAL YEAR

GL NUMBER	DESCRIPTION	2022-23 ACTIVITY	2023-24 AMENDED BUDGET	2023-24 ACTIVITY 12/31/2023	2023-24 PROJECTED ACTIVITY	2024-25 REQUESTED BUDGET
OPERATING REVENUES						
CHARGES FOR SERVICE						
582-000-636.000	Utility Sales - Charging Stations	625	634	264	696	709
582-000-637.000	Utility Sales - Street Lights	129,306	155,051	61,535	123,033	123,070
582-000-646.000	Utility Sales - Residential	4,778,980	5,868,050	2,499,484	4,998,967	5,099,276
582-000-646.100	Utility Sales - Residential - CEP	35,886	35,886	17,966	35,932	35,932
582-000-647.000	Utility Sales - Commercial Sales	2,818,529	3,351,168	1,414,901	2,829,801	2,886,584
582-000-647.002	Utility Sales - Industrial Sales	25,954,740	30,290,882	13,601,432	27,202,865	27,748,714
582-000-647.003	Utility Sales - Public Sales	2,258,960	2,657,800	1,163,913	2,327,827	2,374,537
582-000-647.100	Utility Sales - Commercial/Industrial - CEP Rate B	37,648	37,632	18,890	37,779	37,779
582-000-647.200	Utility Sales - Commercial/Industrial - CEP Rate C	18,525	18,330	8,970	17,940	17,940
582-000-647.300	Utility Sales - Commercial/Industrial - CEP Rate D	205,902	297,179	109,536	219,072	303,123
582-000-647.900	Net Metering Admin Fee	255	240	150	300	300
CHARGES FOR SERVICE		36,239,356	42,712,852	18,897,040	37,794,211	38,627,964
OTHER REVENUE						
582-000-445.000	Interest/Penalties on Sales	44,738	44,781	32,386	64,772	67,557
582-000-514.000	Federal Grant - DOE Section 40101(d)	-	-	-	-	343,333
582-000-667.001	Pole Attachment Rent	10,790	11,160	0	9,970	11,770
582-000-669.000	Open Market - Sale of Credits	56,546	72,000	111,019	111,019	0
582-000-676.000	Reimbursements	229,789	-	236	250	500
582-000-677.000	Other Revenue	17,869	32,019	19,094	38,189	17,006
582-000-679.000	New Service Fee	7,835	7,500	3,540	7,080	7,500
582-000-679.001	Reconnection Fees	9,745	6,600	6,820	13,640	14,300
582-000-679.002	NonTransmitting Admin Fees	1,080	1,080	680	1,360	1,440
582-000-693.000	Scrap Revenue	16,339	15,000	5,565	11,130	15,000
OTHER REVENUE		394,731	190,140	179,341	257,410	478,406
TOTAL OPERATING REVENUE		36,634,087	42,902,992	19,076,381	38,051,622	39,106,370

BUDGET WORKSHEET FOR CITY OF ZEELAND

Fund 582: ELECTRIC UTILITY FUND
2024-2025 FISCAL YEAR

GL NUMBER	DESCRIPTION	2022-23 ACTIVITY	2023-24 AMENDED BUDGET	2023-24 ACTIVITY 12/31/2023	2023-24 PROJECTED ACTIVITY	2024-25 REQUESTED BUDGET
APPROPRIATIONS						
Dept 536: POWER PRODUCTION						
Personnel						
582-536-702.001	Wages/Full-Time Operating	240,553	254,528	119,816	239,632	320,903
582-536-702.002	Wages/Full-Time Maintenance	169,794	179,148	81,804	163,609	202,833
582-536-703.001	Wages/Part-Time Operating	115	18,713	-	-	-
582-536-703.002	Wages/Part-Time Maintenance	17,572	18,713	5,183	10,367	31,295
582-536-704.001	Wages/Overtime Operating	21,473	26,450	12,103	24,206	25,786
582-536-704.002	Wages/Overtime Maintenance	586	2,633	1,396	2,791	2,512
582-536-707.000	Wages/On-Call	32,979	20,100	8,023	16,046	20,910
582-536-710.000	Wages/Longevity Pay	4,250	4,690	4,700	4,700	4,660
582-536-711.000	Capitalized Wages	(11,550)	(15,000)	(4,507)	(9,014)	(11,096)
582-536-712.000	Capitalized Fringes	(5,775)	(7,500)	(2,254)	(4,507)	(5,548)
582-536-715.000	Employer FICA Contributions	35,867	40,159	17,431	34,863	46,569
582-536-716.000	Employee Insurances	81,796	73,947	33,846	67,692	99,403
582-536-716.001	Retirees Health Insurance - OPEB	(7,586)	-	-	-	-
582-536-717.001	Employee Retirement - DC	37,209	43,877	20,103	40,205	57,745
582-536-718.000	Workers Comp Insurance	4,115	11,024	3,321	6,643	12,053
582-536-719.000	Life & Accidental Insurance	2,141	-	-	-	-
582-536-721.000	Long Term Disability	1,092	-	-	-	-
582-536-722.000	Retiree Health Savings Plan	3,783	4,544	2,060	4,120	7,084
		628,414	676,026	303,026	601,352	815,109
Supplies						
582-536-730.000	General Office Supplies	3,168	10,000	4,066	10,000	12,000
582-536-734.000	Safety Supplies	4,474	3,000	27	2,500	3,000
582-536-743.000	Chemicals	(453)	3,500	-	2,500	3,500
582-536-744.000	Natural Gas - Engine Fuel	80,569	170,000	22,928	75,000	110,000
582-536-744.001	Natural Gas - Water Heater	36,819	38,000	7,184	32,000	35,000
582-536-745.000	Diesel Fuel	14,073	40,000	6,271	15,000	27,000
582-536-746.000	Water	3,360	5,500	909	3,500	4,000
582-536-747.000	Lubricants	8,014	5,000	-	4,500	5,000
582-536-751.000	Gasoline	1,693	2,500	150	1,000	1,500
582-536-757.000	Other Operating Supplies	1,366	4,500	1,726	4,500	4,500
582-536-766.000	Tools	1,092	3,500	13	3,000	3,500
582-536-768.000	Uniforms & Cleaning	6,667	7,500	2,477	7,500	7,500
582-536-776.000	Building Maintenance Supplies	10,871	20,000	4,381	15,000	25,000
582-536-778.000	Equipment Maintenance Supplies	46,055	50,000	11,061	45,000	50,000
582-536-778.001	Vehicle Supplies	227	2,000	75	1,500	2,000
		217,996	365,000	61,269	222,500	293,500
Professional & Contracted Services						
582-536-820.000	Contractual Services - Other	39,147	185,000	38,786	75,000	150,000
582-536-829.000	Air Emission Fee	10,568	12,000	-	12,000	12,000
582-536-850.000	Communications	71	-	-	-	-
582-536-861.000	Travel & Training	17,830	10,000	8,737	11,500	11,000
582-536-900.000	Printing & Publishing	-	500	-	500	500
582-536-920.000	Utilities	11,308	10,000	5,870	14,000	15,000
582-536-931.000	Building Maintenance	35,444	45,000	1,258	35,000	40,000
582-536-933.000	Equipment Maintenance	49,773	85,000	6,340	95,000	100,000
582-536-956.000	Miscellaneous	6,047	4,500	-	3,000	2,500
		170,189	352,000	60,991	246,000	331,000
Totals for Dept 536-POWER PRODUCTION		1,016,599	1,393,026	425,286	1,069,852	1,439,609
Dept 537: INTERCHANGE POWER						
582-537-820.000	Interchange Power Expense	25,145,405	28,730,850	11,414,134	24,000,000	26,723,937
Totals for Dept 537-INTERCHANGE POWER		25,145,405	28,730,850	11,414,134	24,000,000	26,723,937

BUDGET WORKSHEET FOR CITY OF ZEELAND

Fund 582: ELECTRIC UTILITY FUND
2024-2025 FISCAL YEAR

GL NUMBER	DESCRIPTION	2022-23 ACTIVITY	2023-24 AMENDED BUDGET	2023-24 ACTIVITY 12/31/2023	2023-24 PROJECTED ACTIVITY	2024-25 REQUESTED BUDGET
Dept 539: TRANSMISSION						
582-539-820.000	Contractual Services - Other	4,090,285	4,358,005	1,772,630	4,000,000	4,799,194
582-539-820.005	MISO Transmission Credit	(650,474)	(721,240)	(356,961)	(680,000)	(599,696)
582-539-830.000	Tree Trimming	8,913	15,000	15,791	17,500	20,000
582-539-933.000	Equipment Maintenance	-	10,000	-	1,250	19,500
Totals for Dept 539-TRANSMISSION		3,448,725	3,661,765	1,431,459	3,338,750	4,238,998
Dept 540: UTILITY LINES						
Personnel Services						
582-540-702.001	Wages/Full-Time Operating	210,689	218,324	105,005	210,010	281,594
582-540-702.002	Wages/Full-Time Maintenance	639,710	424,925	281,132	562,264	690,966
582-540-703.002	Wages/Part-Time Maintenance	8,307	18,713	3,592	7,183	31,295
582-540-704.001	Wages/Overtime Operating	17,052	21,986	10,936	21,872	21,483
582-540-704.002	Wages/Overtime Maintenance	32,470	44,664	16,500	32,999	44,347
582-540-704.003	Wages/Double-Time Mutual Aid	41,393	25,000	18,214	36,429	25,000
582-540-707.000	Wages/On-Call	39,012	56,198	24,913	49,826	90,644
582-540-708.000	Cash in Lieu	1,011	-	-	-	-
582-540-710.000	Wages/Longevity Pay	9,298	5,785	5,975	5,975	7,455
582-540-711.000	Capitalized Wages	(167,099)	(180,000)	(68,909)	(137,819)	(191,777)
582-540-712.000	Capitalized Fringes	(73,817)	(90,000)	(35,500)	(71,000)	(95,889)
582-540-715.000	Employer FICA Contributions	74,220	57,238	34,607	69,214	86,633
582-540-716.000	Employee Insurances	120,278	102,102	57,116	114,231	168,564
582-540-717.001	Employee Retirement - DC	77,440	65,655	41,542	83,084	110,117
582-540-718.000	Workers Comp Insurance	8,909	15,279	5,002	10,004	21,963
582-540-719.000	Life & Accidental Insurance	4,206	-	-	-	-
582-540-720.000	Unemployment	322	319	-	-	-
582-540-721.000	Long Term Disability	2,231	-	-	-	-
582-540-722.000	Retiree Health Savings Plan	14,233	10,563	6,551	13,102	18,016
		1,059,864	796,751	506,674	1,007,374	1,310,411
Supplies						
582-540-734.000	Safety Supplies	14,475	18,130	1,594	17,689	17,500
582-540-751.000	Gasoline	18,291	16,500	6,960	15,312	16,000
582-540-757.000	Other Operating Supplies	3,588	5,500	1,888	5,000	5,000
582-540-766.000	Tools	6,101	10,000	3,310	10,000	30,000
582-540-768.000	Uniforms & Cleaning	14,214	16,000	7,297	16,000	20,000
582-540-776.000	Building Maintenance Supplies	4,516	-	449	449	-
582-540-778.000	Equipment Maintenance Supplies	123,286	75,000	21,708	67,445	70,000
582-540-778.001	Vehicle Supplies	7,531	15,000	8,585	15,000	10,000
		192,003	156,130	51,791	146,895	168,500
Professional & Contracted Services						
582-540-819.000	Contracted Services for Safety	-	-	-	-	18,600
582-540-820.000	Contractual Services - Other	51,077	75,000	44,272	65,000	60,000
582-540-830.000	Tree Trimming	43,408	50,000	25,522	45,000	50,000
582-540-850.000	Communications	776	1,000	-	-	-
582-540-861.000	Travel & Training	31,222	17,500	2,359	12,000	28,000
582-540-900.000	Printing & Publishing	3,344	-	75	75	-
582-540-920.000	Utilities	4,573	2,000	467	1,250	1,500
582-540-931.000	Building Maintenance	800	-	-	-	-
582-540-933.000	Equipment Maintenance	21,789	10,000	15,205	10,000	12,500
582-540-933.001	Vehicle Contract Labor	12,891	5,000	3,803	8,803	12,000
582-540-956.000	Miscellaneous	143,890	2,000	137	500	2,000
		313,768	162,500	91,840	142,628	184,600
Totals for Dept 540-UTILITY LINES		1,565,635	1,115,381	650,305	1,296,897	1,663,511

BUDGET WORKSHEET FOR CITY OF ZEELAND

Fund 582: ELECTRIC UTILITY FUND
2024-2025 FISCAL YEAR

GL NUMBER	DESCRIPTION	2022-23 ACTIVITY	2023-24 AMENDED BUDGET	2023-24 ACTIVITY 12/31/2023	2023-24 PROJECTED ACTIVITY	2024-25 REQUESTED BUDGET
Dept 542: STREET LIGHTING & SIGNALS						
Personnel Services						
582-542-702.002	Wages/Full-Time Maintenance	6,734	72,182	9,274	18,548	74,046
582-542-710.000	Wages/Longevity Pay	-	675	715	715	605
582-542-715.000	Employer FICA Contributions	496	6,222	736	1,472	6,617
582-542-716.000	Employee Insurances	642	10,984	1,115	2,230	12,804
582-542-717.001	Employee Retirement - DC	541	7,320	892	1,784	8,649
582-542-718.000	Workers Comp Insurance	97	1,640	461	922	1,640
582-542-719.000	Life & Accidental Insurance	17	-	-	-	-
582-542-721.000	Long Term Disability	18	-	-	-	-
582-542-722.000	Retiree Health Savings Plan	120	1,453	164	329	1,602
		8,664	100,476	13,357	26,000	105,964
Supplies						
582-542-778.000	Equipment Maintenance Supplies	5,358	-	-	-	-
		5,358	-	-	-	-
Totals for Dept 542-STREET LIGHTING & SIGNALS		14,022	100,476	13,357	26,000	105,964
Dept 543: METERS						
Personnel Services						
582-543-702.002	Wages/Full-Time Maintenance	2,669	95,055	5,872	11,745	85,444
582-543-703.002	Wages/Part-Time Maintenance	-	3,743	-	-	-
582-543-704.002	Wages/Overtime Maintenance	160	-	155	310	-
582-543-710.000	Wages/Longevity Pay	-	675	715	715	705
582-543-715.000	Employer FICA Contributions	212	8,259	500	1,001	7,496
582-543-716.000	Employee Insurances	119	14,078	697	1,394	14,489
582-543-717.001	Employee Retirement - DC	226	9,379	599	1,199	9,799
582-543-718.000	Workers Comp Insurance	60	2,199	283	566	1,868
582-543-719.000	Life & Accidental Insurance	1	-	-	-	-
582-543-721.000	Long Term Disability	7	-	-	-	-
582-543-722.000	Retiree Health Savings Plan	53	1,863	103	206	1,813
		3,508	135,251	8,924	17,136	121,615
Professional & Contracted Services						
582-543-820.000	Contractual Services - Other	-	5,000	-	-	-
		-	5,000	-	-	-
Totals for Dept 543-METERS		3,508	140,251	8,924	17,136	121,615
Dept 544: SERVICES						
Personnel Services						
582-544-702.002	Wages/Full-Time Maintenance	30,681	136,258	21,039	42,078	-
582-544-704.002	Wages/Overtime Maintenance	3,321	-	26	52	-
582-544-710.000	Wages/Longevity Pay	-	1,350	1,430	1,430	-
582-544-715.000	Employer FICA Contributions	2,472	11,825	1,670	3,340	-
582-544-716.000	Employee Insurances	3,991	20,111	2,343	4,685	-
582-544-717.001	Employee Retirement - DC	2,755	13,911	2,010	4,021	-
582-544-718.000	Workers Comp Insurance	369	3,246	871	1,741	-
582-544-719.000	Life & Accidental Insurance	91	-	-	-	-
582-544-721.000	Long Term Disability	83	-	-	-	-
582-544-722.000	Retiree Health Savings Plan	524	2,661	354	708	-
Totals for Dept 544-SERVICES		44,287	189,362	29,743	58,055	-

BUDGET WORKSHEET FOR CITY OF ZEELAND

Fund 582: ELECTRIC UTILITY FUND
2024-2025 FISCAL YEAR

GL NUMBER	DESCRIPTION	2022-23 ACTIVITY	2023-24 AMENDED BUDGET	2023-24 ACTIVITY 12/31/2023	2023-24 PROJECTED ACTIVITY	2024-25 REQUESTED BUDGET
Dept 545: SUBSTATIONS						
Personnel Services						
582-545-702.002	Wages/Full-Time Maintenance	39,824	118,163	21,293	42,585	114,757
582-545-703.002	Wages/Part-Time Maintenance	6,112	11,228	-	-	-
582-545-704.002	Wages/Overtime Maintenance	1,462	-	400	800	-
582-545-710.000	Wages/Longevity Pay	-	675	715	715	675
582-545-715.000	Employer FICA Contributions	3,599	10,599	1,685	3,370	9,733
582-545-716.000	Employee Insurances	961	17,017	2,337	4,674	17,690
582-545-717.001	Employee Retirement - DC	3,314	11,459	2,010	4,019	12,723
582-545-718.000	Workers Comp Insurance	60	2,910	823	1,646	2,519
582-545-719.000	Life & Accidental Insurance	189	-	-	-	-
582-545-721.000	Long Term Disability	108	-	-	-	-
582-545-722.000	Retiree Health Savings Plan	731	2,252	353	707	2,214
		56,360	174,303	29,616	58,516	160,311
Supplies						
582-545-776.000	Building Maintenance Supplies	14,903	25,000	39	20,500	8,000
582-545-778.000	Equipment Maintenance Supplies	18,693	15,000	1,889	9,500	10,500
		33,596	40,000	1,928	30,000	18,500
Professional & Contracted Services						
582-545-820.000	Contractual Services - Other	10,481	65,000	4,079	60,452	55,500
582-545-920.000	Utilities	794	1,200	474	1,200	1,200
585-545-931.000	Building Maintenance	465	-	-	-	-
		11,740	66,200	4,553	61,652	56,700
Totals for Dept 545-SUBSTATIONS		101,696	280,503	36,097	150,168	235,511

BUDGET WORKSHEET FOR CITY OF ZEELAND

Fund 582: ELECTRIC UTILITY FUND
2024-2025 FISCAL YEAR

GL NUMBER	DESCRIPTION	2022-23 ACTIVITY	2023-24 AMENDED BUDGET	2023-24 ACTIVITY 12/31/2023	2023-24 PROJECTED ACTIVITY	2024-25 REQUESTED BUDGET
Dept 546: ACCOUNTING						
Personnel Services						
582-546-702.001	Wages/Full-Time Operating	222,874	236,198	108,210	216,420	213,145
582-546-703.001	Wages/Part-Time Operating	21,596	23,334	11,780	23,561	24,734
582-546-704.001	Wages/Overtime Operating	2,032	165	742	1,483	3,914
582-546-710.000	Wages/Longevity Pay	1,340	1,160	1,160	1,160	1,160
582-546-711.000	Wages to be Capitalized	-	-	(5,397)	(10,794)	(28,984)
582-546-712.000	Fringes to be Capitalized	-	-	(2,698)	(5,397)	(14,492)
582-546-713.000	Performance Incentive	546	594	-	594	617
582-546-715.000	Employer FICA Contributions	18,316	20,001	9,043	18,087	18,633
582-546-716.000	Employee Insurances	53,395	49,504	22,790	45,579	49,365
582-546-717.000	Employee Retirement - DB	(35,606)	1,963	867	1,734	2,745
582-546-717.001	Employee Retirement - DC	15,975	20,071	7,456	14,912	20,358
582-546-718.000	Workers Comp Insurance	669	1,471	2,001	4,001	1,316
582-546-719.000	Life & Accidental Insurance	1,133	-	-	-	-
582-546-720.000	Unemployment	-	-	5,430	5,430	-
582-546-721.000	Long Term Disability	602	-	-	-	-
582-546-722.000	Retiree Health Savings Plan	10,371	6,141	2,825	5,651	5,756
		313,244	360,602	164,209	322,422	298,267
Supplies						
582-546-729.000	Postage	22,185	18,000	9,107	18,306	20,816
582-546-730.000	General Office Supplies	7,672	8,500	1,881	6,836	7,075
582-546-751.000	Gasoline	669	400	225	449	500
582-546-768.000	Uniforms & Cleaning	939	500	146	1,275	1,725
582-546-778.000	Equipment Maintenance Supplies	77	250	17	180	200
582-546-778.001	Vehicle Supplies	-	-	185	371	1,000
		31,542	27,650	11,561	27,417	31,316
Professional & Contracted Services						
582-546-808.000	Independent Audit	19,318	18,040	12,165	14,786	15,886
582-546-820.000	Contractual Services - Other	30,554	8,460	1,593	18,186	3,900
582-546-850.000	Communications	109	-	-	-	-
582-546-861.000	Travel & Training	20,244	29,450	11,732	23,464	23,218
582-546-900.000	Printing & Publishing	1,469	-	-	-	-
582-546-933.001	Vehicle Contract Labor	-	-	265	530	1,000
582-546-956.000	Miscellaneous	984	350	-	175	350
		72,677	56,300	25,755	57,141	44,354
Totals for Dept 546-ACCOUNTING		417,463	444,552	201,525	406,980	373,937

BUDGET WORKSHEET FOR CITY OF ZEELAND

Fund 582: ELECTRIC UTILITY FUND
2024-2025 FISCAL YEAR

GL NUMBER	DESCRIPTION	2022-23 ACTIVITY	2023-24 AMENDED BUDGET	2023-24 ACTIVITY 12/31/2023	2023-24 PROJECTED ACTIVITY	2024-25 REQUESTED BUDGET
Dept 547: ADMINISTRATION						
Personnel Services						
582-547-702.001	Wages/Full-Time Operating	353,880	301,529	151,062	302,125	312,215
582-547-703.001	Wages/Part-Time Operating	10,752	11,470	4,391	8,783	21,475
582-547-703.002	Wages/Part-Time Maintenance	901	-	-	-	-
582-547-704.001	Wages/Overtime Operating	410	-	-	-	-
582-547-706.000	Car Allowance	4,813	4,500	2,228	4,500	4,500
582-547-710.000	Wages/Longevity Pay	187	523	523	523	915
582-547-711.000	Capitalized Wages	(5,577)	(2,000)	(5,645)	(11,291)	(27,776)
582-547-712.000	Capitalized Fringes	(2,789)	(1,000)	(2,823)	(5,645)	(13,888)
582-547-713.000	Performance Incentive	122	128	-	128	134
582-547-715.000	Employer FICA Contributions	26,510	23,870	10,858	21,716	25,629
582-547-716.000	Employee Insurances	36,821	31,559	16,257	32,514	33,443
582-547-717.001	Employee Retirement - DC	26,103	27,221	13,605	27,210	31,355
582-547-718.000	Workers Comp Insurance	2,078	3,911	1,972	3,945	3,793
582-547-719.000	Life & Accidental Insurance	1,581	-	-	-	-
582-547-721.000	Long Term Disability	891	-	-	-	-
582-547-722.000	Retiree Health Savings Plan	5,323	4,176	2,308	4,616	4,185
		462,004	405,887	194,737	389,124	395,979
Supplies						
582-547-729.000	Postage	3,375	4,500	5,226	10,504	9,735
582-547-730.000	General Office Supplies	8,262	10,000	4,569	9,137	10,000
582-547-730.001	Computer Supplies	682	-	-	-	-
582-547-734.000	Safety Supplies	922	1,500	528	1,321	1,500
582-547-751.000	Gasoline	26	-	-	75	75
582-547-776.000	Building Maintenance Supplies	18	-	-	-	-
582-547-778.001	Vehicle Supplies	-	-	37	225	250
582-547-779.000	Other Repair & Maint. Supplies	225	-	-	-	-
582-547-780.000	Community Promotion Supplies	6,979	10,000	1,971	7,971	10,000
		20,491	26,000	12,331	29,233	31,560
Professional & Contracted Services						
582-547-814.101	Computer Services - Internal, Fixed Fee	160,009	160,389	160,389	181,862	219,066
582-547-814.102	Computer Services - Internal, Billable	151,683	232,403	99,515	205,792	257,728
582-547-814.103	Computer Services - Capital	81,330	95,625	-	95,625	75,000
582-547-819.000	Safety Services	25,949	60,800	4,331	8,662	9,000
582-547-820.000	Contractual Services - Other	49,976	25,214	23,579	40,083	56,397
582-547-820.008	Credit Card Fees	21,724	20,333	14,349	31,570	38,013
582-547-826.000	Legal Fees	7,022	10,000	2,864	7,620	8,303
582-547-828.000	Memberships, Dues, & Subscript	91,842	51,165	1,084	52,255	56,884
582-547-850.000	Communications	1,511	-	-	-	-
582-547-861.000	Travel & Training	25,471	38,760	4,192	38,760	34,500
582-547-880.000	Community Promotion	41,054	45,000	21,698	44,198	55,688
582-547-883.000	Residential Assistance	7,655	20,000	3,416	13,416	20,000
582-547-890.000	Community Contr./Projects	42,449	63,940	26,912	52,757	66,085
582-547-895.000	Economic Development	55,000	55,000	40,000	55,000	55,000
582-547-900.000	Printing & Publishing	6,818	10,000	3,787	8,737	9,900
582-547-920.000	Utilities	197	-	368	919	1,000
582-547-931.000	Building Maintenance	3,720	-	-	-	-
582-547-933.001	Vehicle Contract Labor	-	-	15	75	150
582-547-955.000	Internal Meetings	2,812	2,280	1,507	3,000	3,300
582-547-955.001	Employee Appreciation	12,244	15,320	3,247	11,745	16,250
582-547-955.002	Meetings with Vendors/External Resources	-	-	90	300	500
582-547-956.000	Miscellaneous	9,699	8,602	1,125	2,812	2,000
582-547-956.003	Uncollectible Sales	37	1,500	(1)	300	1,500
582-547-957.000	Franchise Fees	83,106	86,225	-	90,567	94,461
		881,307	1,002,556	412,467	946,055	1,080,725
Totals for Dept 547-ADMINISTRATION		1,363,803	1,434,443	619,535	1,364,412	1,508,265

BUDGET WORKSHEET FOR CITY OF ZEELAND

Fund 582: ELECTRIC UTILITY FUND
2024-2025 FISCAL YEAR

GL NUMBER	DESCRIPTION	2022-23 ACTIVITY	2023-24 AMENDED BUDGET	2023-24 ACTIVITY 12/31/2023	2023-24 PROJECTED ACTIVITY	2024-25 REQUESTED BUDGET
Dept 571: BUILDINGS & GROUNDS						
Personnel Services						
582-571-702.000	Wages/Full-Time	41,935	56,566	24,870	49,740	60,527
582-571-703.000	Wages/Part-Time	19,154	46,982	20,426	40,853	51,599
582-571-711.000	Wages to be Capitalized	-	-	-	-	(5,814)
582-571-712.000	Fringes to be Capitalized	-	-	-	-	(2,907)
582-571-715.000	Employer FICA Contributions	4,551	7,291	3,403	6,806	8,578
582-571-716.000	Employee Insurances	9,738	11,448	4,951	9,901	12,468
582-571-717.001	Employee Retirement - DC	1,687	5,091	2,001	4,001	6,053
582-571-718.000	Workers Comp Insurance	706	4,349	655	1,310	4,563
582-571-719.000	Life & Accidental Insurance	217	-	-	-	-
582-571-721.000	Long Term Disability	113	-	-	-	-
582-571-722.000	Retiree Health Savings Plan	1,150	1,515	655	1,310	1,560
		79,251	133,242	56,961	113,921	136,625
Supplies						
582-571-734.000	Safety Supplies	3,513	3,750	86	1,500	1,875
582-571-751.000	Gasoline	670	600	658	1,500	1,875
582-571-757.000	Other Operating Supplies	2,577	4,950	2,921	7,125	5,250
582-571-766.000	Tools	3,774	2,500	7	3,375	3,750
582-571-768.000	Uniforms & Cleaning	794	900	182	900	900
582-571-776.000	Building Maintenance Supplies	15,163	22,500	1,663	18,750	22,500
582-571-778.000	Equipment Maintenance Supplies	2,320	4,500	424	2,250	3,750
582-571-778.001	Vehicle Supplies	-	500	477	1,125	1,125
		28,810	40,200	6,417	36,525	41,025
Professional & Contracted Services						
582-571-820.000	Contractual Services - Other	22,312	37,500	5,083	60,000	77,000
582-571-920.000	Utilities	20,624	26,250	9,654	26,250	26,250
582-571-930.000	Repairs & Maintenance	370	-	-	-	-
582-571-931.000	Building Maintenance	41,703	93,000	22,798	50,000	23,000
582-571-933.000	Equipment Maintenance	5,338	2,500	161	3,000	3,750
582-571-933.001	Vehicle Contract Labor	-	-	578	750	750
		90,347	159,250	38,274	140,000	130,750
Totals for Dept 571-BUILDINGS & GROUNDS		198,408	332,692	101,652	290,446	308,400
Dept 551: SMART ENERGY PROGRAM (CEP)						
582-551-967.000	Customer Incentives	2,500	2,500	1,000	2,000	2,500
582-551-967.100	Residential Program Expenses (Rate A)	127,371	71,058	22,129	35,000	20,162
582-551-967.200	Commercial/Industrial Program Expenses (Rate B)	47,684	21,317	17,173	34,500	55,958
582-551-967.300	Commercial/Industrial Program Expenses (Rate C)	2,679	5,685	5,750	4,182	11,567
582-551-967.400	Commercial/Industrial Program Expenses (Rate D)	112,511	115,114	45,625	113,813	150,373
582-551-967.600	Clean Energy Initiatives	14,987	71,058	-	10,000	24,588
582-551-967.601	Home Energy 101 Program Expenses	-	-	-	-	75,800
582-551-967.700	Education Expenses	5,048	5,000	-	2,500	5,000
582-551-967.800	Administration Expenses	144,989	233,118	117,664	235,327	158,520
Totals for Dept 551-ENERGY OPTIMIZATION		457,769	524,850	209,341	437,322	504,469
Dept 572: INSURANCE, BONDS						
582-572-958.000	Insurance and Bonds	356,545	512,582	197,416	527,489	573,790
Totals for Dept 572-INSURANCE & BONDS		356,545	512,582	197,416	527,489	573,790
Dept 252: UNALLOCATED FRINGE BENEFITS						
582-252-956.000	Miscellaneous Fringes	1,224	1,500	1,224	1,224	1,500
Totals for Dept 252-UNALLOCATED FRINGE BENEFITS		1,224	1,500	1,224	1,224	1,500

BUDGET WORKSHEET FOR CITY OF ZEELAND

Fund 582: ELECTRIC UTILITY FUND
2024-2025 FISCAL YEAR

GL NUMBER	DESCRIPTION	2022-23 ACTIVITY	2023-24 AMENDED BUDGET	2023-24 ACTIVITY 12/31/2023	2023-24 PROJECTED ACTIVITY	2024-25 REQUESTED BUDGET

Dept 240: CONTINGENCIES						
582-240-956.000	Miscellaneous	-	38,000	-	-	30,000
Totals for Dept 240-CONTINGENCIES		-	38,000	-	-	30,000

OPERATING EXPENSES BEFORE DEPRECIATION		34,135,090	38,900,233	15,339,998	32,984,731	37,829,504
OPERATING INCOME BEFORE DEPRECIATION		2,498,997	4,002,759	3,736,383	5,066,891	1,276,866
Dept 550: DEPRECIATION						
582-550-968.000	Depreciation	2,558,530	2,763,750	1,280,520	2,593,262	3,079,400
Totals for Dept 550-DEPRECIATION		2,558,530	2,763,750	1,280,520	2,593,262	3,079,400

OPERATING INCOME		(59,533)	1,239,009	2,455,863	2,473,629	(1,802,534)
NON-OPERATING REVENUES						
582-000-665.009	Equity Adjustment in MPIA	1,485,525	250,000	1,151,970	1,500,000	750,000
582-000-665.010	Equity Adjustment in MPPA	(29,989)	100,000	46,831	100,000	100,000
582-000-665.013	Interest Earnings - Imp & Add	13,634	350,000	211,723	265,000	233,000
582-000-667.000	Rent	100	-	-	-	-
582-000-673.000	Sale of Fixed Assets	-	30,000	(217,823)	(217,823)	30,000
		1,469,270	730,000	1,192,701	1,647,177	1,113,000

CONTRIBUTED CAPITAL						
582-000-674.000	Capital Contributions	65,324	2,650,317	7,546	45,000	2,600,000
		65,324	2,650,317	7,546	45,000	2,600,000

OTHER EXPENSES						
582-965-995.101	Transfers Out - 101	530,564	595,318	297,659	595,318	645,473
		530,564	595,318	297,659	595,318	645,473

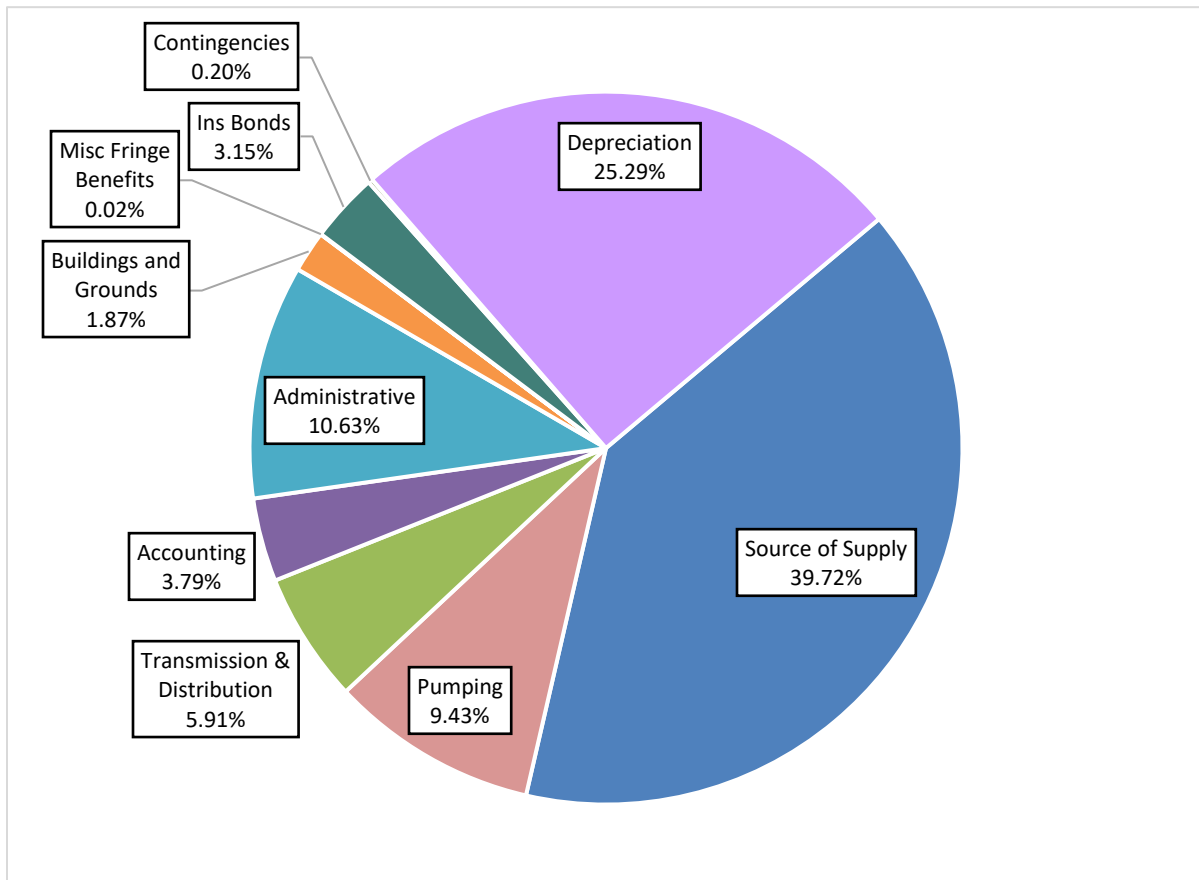
NET INCOME (LOSS)		944,497	4,024,008	3,358,452	3,570,488	1,264,993
TOTAL CAPITAL ASSETS		36,969,803	40,915,635	38,525,788	44,238,616	46,539,216
NET INCOME (LOSS)		944,497	4,024,008	3,358,452	3,570,488	1,264,993
DEPRECIATION		2,558,530	2,763,750	1,280,520	2,593,262	3,079,400
CONSTRUCTION IN PROGRESS		1,354,213	12,809,750	4,031,596	8,376,313	3,054,328
DEBT PRINCIPAL		-	-	-	-	-
TRANSFERS TO MPIA		-	-	-	-	-
CASH SPENT ON CAPITAL EXPENDITURES		1,354,213	12,809,750	4,031,596	10,093,129	5,374,000
FUTURE ESTIMATED CASH AND INVESTMENTS BALANCE		19,226,026	13,204,034	19,833,401	15,296,646	14,267,039
(ASSUMING ONLY USE OF INCOME IS CAPITAL PROJECTS, TRANSFERS TO MPIA, AND DEBT PRINCIPLE)						

ZEELAND BOARD OF PUBLIC WORKS WATER UTILITY

FUND 591

	FY 22-23	FY 23-24	FY 23-24	FY 24-25	% Change
Financial Summary	Actual	Budget	Projected	Budget	From FY 23-24
Personnel Services	\$ 896,223	\$ 1,038,584	\$ 936,470	\$ 1,158,831	
Less Capitalized Labor	(112,522)	(78,187)	(119,846)	(168,851)	
Operating Costs	3,690,140	4,735,852	4,471,189	5,085,797	
Capital Outlay	1,485,170	5,448,411	3,814,844	3,878,000	
Transfers Out	-	-	-	-	
Debt Principal	-	-	-	-	
Total	\$ 5,959,011	\$ 11,144,660	\$ 9,102,657	\$ 9,953,777	-10.69%
Personnel Summary	Budget		Budget		
Full Time Positions		7.65		7.90	
Part Time Positions		1.13		1.18	
Full-Time Equivalents		8.78		9.08	3.42%

This fund accounts for the activities of the Zeeland Board of Public Works Water Utility. Budgeted operating expenses are expected to breakdown as follows:



Water Operations, Revenues & Rates:

FY2025 overall water usage and revenues are projected to increase approximately two (2) percent attributable to the substantial replacement of old, slower water meters with new advanced meters. Although no base rate increases are proposed within the FY2025 budget, the 2024 Water Cost of Service Study recommends a 4.9 percent rate increase track over multiple years to provide revenue coverage for higher-than-normal annual capital spending due to system upgrades and State-mandated service line replacements.

Operating Expenses:

The budget reflects a year-over-year budget reduction in Source of Supply costs.



The FY2025 budget reflects year-over-year Personnel Services increases due to anticipated overtime to accommodate the numerous water meter replacements attributable to Water AMI implementation and service line replacements. No staffing additions are planned for FY2025.

The Transmission & Distribution budget includes Contractual Services for continuation of the Water System Reliability and Interconnection Studies and Asset Management Plan. The budget also includes funding to evaluate the replacement of the Water SCADA system.

The Accounting budget includes funding contributions for utility billing-related activities (billing supplies, postage, meter reading, etc.), and annual audit consulting services.

The Administration budget includes funding contributions for community promotion supplies, internal computer services and infrastructure, safety training and services, various dues and fees, marketing services, training and travel for administrative personnel, community contributions (Holiday Power Dollars, Community Grant, various sponsorships for local events, the annual Business & Industry Breakfast), customer-facing printed materials, board meeting food and refreshments, and employee appreciation activities.

The Building and Grounds budget includes funding for lawn and snow maintenance, janitorial and cleaning services, and a BPW office remodeling study (split 75%/25% between Electric and Water).

The FY2025 budget reflects a year-over-year increase of nearly 12 percent in Insurance costs due to increased premium costs.

Income:

The Water utility is debt-free. Projected income, depreciation, contribution in aid of construction, and cash reserves are more than adequate to fully fund capital improvements proposed in the Water utility's FY2025 Capital Improvement Program.

Capital Improvements:

FY2025 Water Department capital improvements are planned at a total spending level of \$5,310,000 as outlined in the proposed 6-Year Capital Improvement Program. The capital program includes funding to coordinate watermain replacements with anticipated street reconstruction projects at a spending level of \$1,895,000 for Main Avenue and Church Street reconstruction projects and other watermain projects.

The plan includes distribution improvements at a spending level of \$2,835,000 for water meter replacements, service line replacements, storage tank painting and restoration, driveway improvements at the 80th Street tank, and the 20 inch transmission main flowable fill project.

Technology Improvements included in the CIP plan include a contribution for the replacement of the utility billing system, and replacement of the Water SCADA system.

The Facilities Capital Improvement plan includes \$400,000 for the Water Department's contribution toward the BPW Office remodel and renovations project.

Operational Data:

The following provides some operational data for the water utility (FY2023 data):

FY2025 Expected Sales Volume:	2.2 billion gallons
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Storage Capacity:

Elevated	2.0 million gallons
Ground	<u>7.5 million gallons</u>
	9.5 million gallons

BPW Pumping Capacity	17.3 MGD
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Miles of Water Main:

Transmission & Distribution	56 miles
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FY2025 Expected Peak System Demand	11.0 MGD
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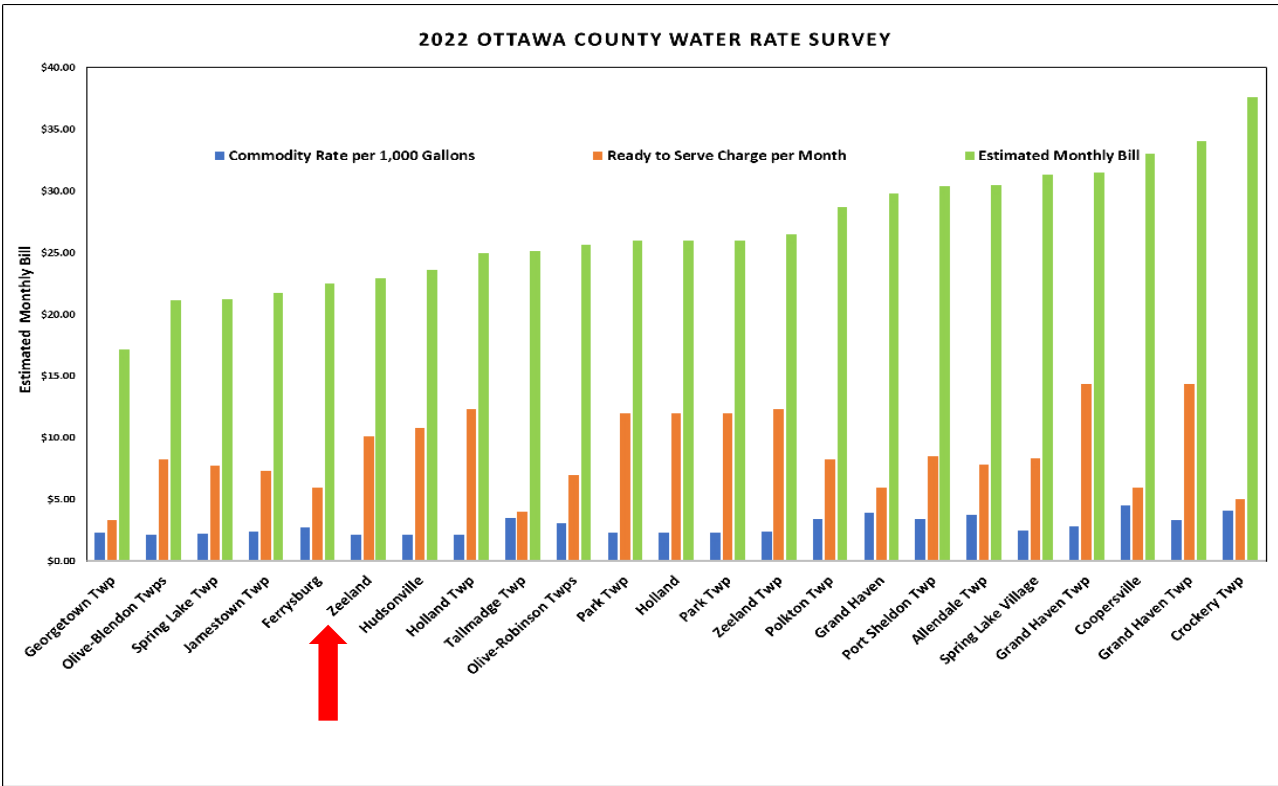
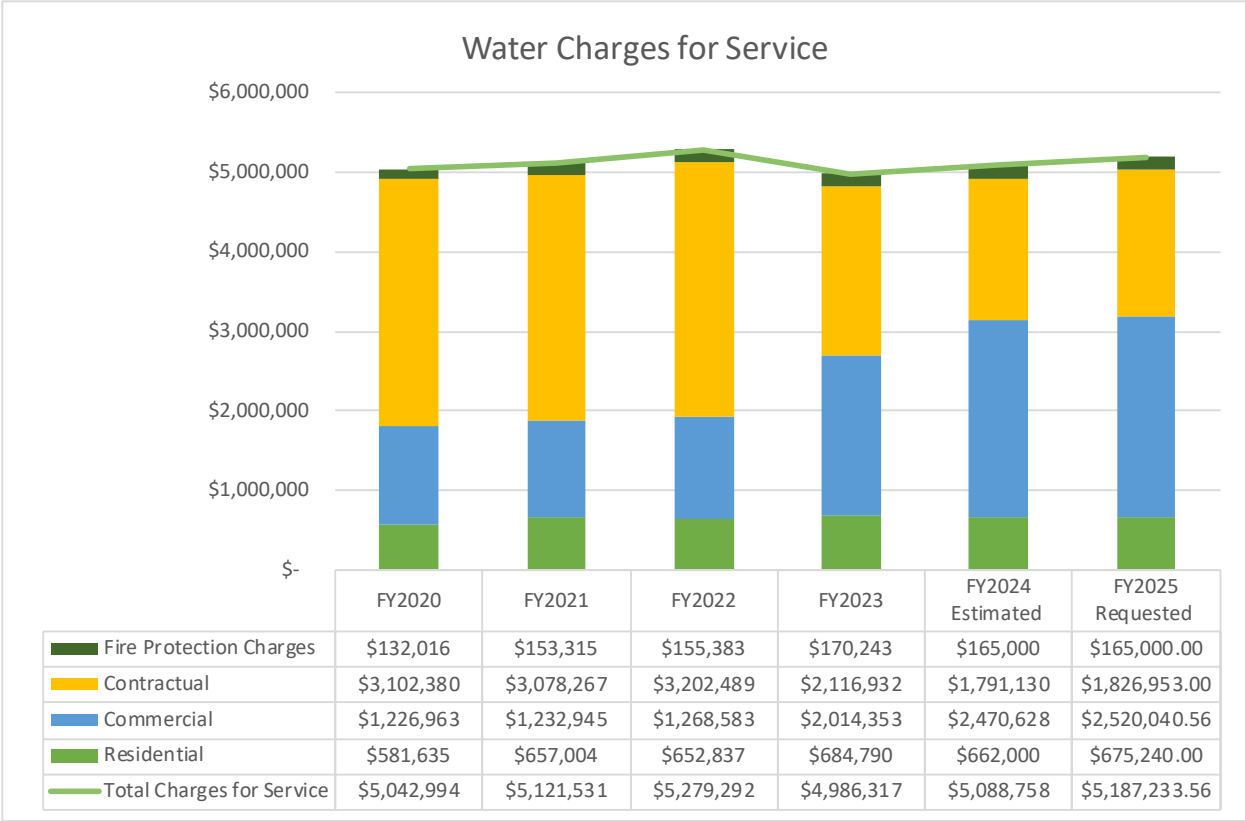
Approximate Service Area	7.1 square miles
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Number of Customers by Classification:

Residential	2,390
Commercial	297
Industrial	126
Public	79
Contractual	1
Fire Protection	<u>126</u>
	3,019

Percentage by Customer Location:

Within City of Zeeland	70.6%
Outside City of Zeeland	29.4%



BUDGET WORKSHEET FOR CITY OF ZEELAND

Fund 591: WATER UTILITY FUND
2024-2025 FISCAL YEAR

GL NUMBER	DESCRIPTION	2022-23 ACTIVITY	2023-24 AMENDED BUDGET	2023-24 ACTIVITY 12/31/2023	2023-24 PROJECTED ACTIVITY	2024-25 REQUESTED BUDGET
ESTIMATED REVENUES						
CHARGES FOR SERVICE						
591-000-640.000	Fire Protection Charges	170,243	165,000	88,303	165,000	165,000
591-000-646.000	Utility Sales - Residential	684,790	659,000	365,035	662,000	675,240
591-000-647.000	Utility Sales - Commercial	2,014,353	2,470,628	1,432,144	2,470,628	2,520,041
591-000-647.001	Industrial Sales - Contractual	2,116,932	1,791,130	99,146	1,791,130	1,826,953
	CHARGES FOR SERVICE	4,986,317	5,085,758	1,984,627	5,088,758	5,187,234
OTHER REVENUE						
591-000-445.000	Interest/Penalties on Sales	7,950	10,000	10,718	21,436	23,580
591-000-553.000	State Grant	10,993	-	7,001	7,001	-
591-000-667.000	Rents	97,740	85,000	72,269	74,069	76,859
591-000-677.000	Other Revenue	9,198	10,000	4,870	9,740	7,268
591-000-679.000	New Service Fee	129	300	200	440	420
591-000-679.001	Reconnection Fee	-	-	-	-	9,660
591-000-693.000	Scrap Revenue	3,858	3,000	4,297	6,446	7,090
	OTHER REVENUE	129,868	108,300	99,355	119,132	124,877
TOTAL OPERATING REVENUE		5,116,186	5,194,058	2,083,982	5,207,890	5,312,111

BUDGET WORKSHEET FOR CITY OF ZEELAND

Fund 591: WATER UTILITY FUND
2024-2025 FISCAL YEAR

GL NUMBER	DESCRIPTION	2022-23 ACTIVITY	2023-24 AMENDED BUDGET	2023-24 ACTIVITY 12/31/2023	2023-24 PROJECTED ACTIVITY	2024-25 REQUESTED BUDGET
APPROPRIATIONS						
Dept 534: SOURCE OF SUPPLY						
591-534-746.000	Water	2,087,044	2,627,822	1,182,861	2,365,721	2,413,036
Totals for Dept 534-SOURCE OF SUPPLY		2,087,044	2,627,822	1,182,861	2,365,721	2,413,036
Dept 535: PUMPING						
Personnel Services						
591-535-702.001	Wages/Full-Time Operating	107,427	164,467	56,132	112,265	177,166
591-535-703.001	Wages/Part-Time Operating	6,278	7,114	3,776	7,553	7,191
591-535-704.001	Wages/Overtime Operating	934	20,170	-	-	21,457
591-535-707.000	Wages/On Call	-	14,341	5,596	11,193	15,279
591-535-710.000	Wages/Longevity Pay	750	1,275	1,275	1,275	1,275
591-535-711.000	Capitalized Wages	-	(7,531)	-	-	-
591-535-712.000	Capitalized Benefits	-	(3,766)	-	-	-
591-535-715.000	Employer FICA Contributions	8,343	15,533	4,880	9,760	16,669
591-535-716.000	Employee Insurances	21,103	31,714	10,447	20,893	34,538
591-535-716.001	Retirees Health Insurance - OPEB	(1,428)	-	-	-	-
591-535-717.001	Employee Retirement - DC	6,437	17,614	5,563	11,126	21,048
591-535-718.000	Workers Comp Insurance	1,395	7,025	2,075	4,150	7,125
591-535-719.000	Life & Accidental Insurance	494	-	-	-	-
591-535-721.000	Long Term Disability	287	-	-	-	-
591-535-722.000	Retiree Health Savings Plan	2,490	4,196	1,382	2,765	4,322
		154,510	272,152	91,126	180,980	306,071
Supplies						
591-535-776.000	Building Maintenance Supplies	75	-	-	-	-
591-535-778.000	Equipment Maintenance Supplies	91	-	12	1,000	1,000
		166	-	12	1,000	1,000
Professional & Contractual Services						
591-535-820.000	Contractual Services - Other	47,751	68,250	15,472	53,250	53,250
591-535-920.000	Utilities	165,621	185,400	77,753	180,000	190,962
591-535-931.000	Building Maintenance	866	15,000	757	12,500	7,500
591-535-933.000	Equipment Maintenance	6,497	14,000	192	10,000	14,000
		220,736	282,650	94,174	255,750	265,712
Totals for Dept 535-PUMPING		375,411	554,802	185,312	437,730	572,783

BUDGET WORKSHEET FOR CITY OF ZEELAND

Fund 591: WATER UTILITY FUND
2024-2025 FISCAL YEAR

GL NUMBER	DESCRIPTION	2022-23 ACTIVITY	2023-24 AMENDED BUDGET	2023-24 ACTIVITY 12/31/2023	2023-24 PROJECTED ACTIVITY	2024-25 REQUESTED BUDGET
Dept 538: TRANSMISSION AND DISTRIBUTION						
Personnel Services						
591-538-702.002	Wages/Full-Time Maintenance	202,549	176,315	77,902	155,805	190,105
591-538-703.002	Wages/Part-Time Maintenance	19,690	7,114	10,558	21,116	7,191
591-538-704.002	Wages/Overtime Maintenance	26,642	20,170	9,196	18,392	21,457
591-538-707.000	Wages/On-Call	28,588	14,341	5,675	11,351	15,279
591-538-710.000	Wages/Longevity Pay	2,250	1,175	1,175	1,175	1,425
591-538-711.000	Capitalized Wages	(54,688)	(22,593)	(37,534)	(75,068)	(100,500)
591-538-712.000	Capitalized Benefits	(27,099)	(11,297)	(18,767)	(37,534)	(50,250)
591-538-715.000	Employer FICA Contributions	20,467	16,432	7,648	15,297	17,701
591-538-716.000	Employee Insurances	46,457	36,355	16,172	32,344	39,593
591-538-717.001	Employee Retirement - DC	18,516	18,671	8,199	16,399	22,397
591-538-718.000	Workers Comp Insurance	4,308	6,402	623	1,247	6,474
591-538-719.000	Life & Accidental Insurance	1,127	-	-	-	-
591-538-721.000	Long Term Disability	547	-	-	-	-
591-538-722.000	Retiree Health Savings Plan	5,493	4,811	2,174	4,347	4,955
		294,847	267,896	83,023	164,870	175,827
Supplies						
591-538-734.000	Safety Supplies	7,453	7,000	2,829	7,000	7,000
591-538-751.000	Gasoline	2,860	4,300	1,847	4,906	5,000
591-538-757.000	Other Operating Supplies	2,967	3,800	1,828	3,800	3,800
591-538-766.000	Tools	8,306	8,000	3,021	8,000	8,000
591-538-768.000	Uniforms & Cleaning	5,280	5,400	640	3,680	3,680
591-538-776.000	Building Maintenance Supplies	6,420	5,000	202	2,000	3,000
591-538-778.000	Equipment Maintenance Supplies	28,048	10,000	9,511	13,000	13,000
591-538-778.001	Vehicle Supplies	1,136	2,000	1,283	2,000	2,000
		62,469	45,500	21,161	44,386	45,480
Professional & Contractual Services						
591-538-816.000	Consulting Engineers	1,021	-	-	-	-
591-538-820.000	Contractual Services - Other	72,867	151,048	14,814	76,048	136,048
591-538-850.000	Communications	420	-	-	-	-
591-538-920.000	Utilities	261	500	109	300	300
591-538-933.000	Equipment Maintenance	3,192	2,000	67	1,000	1,000
591-538-933.001	Vehicle Contract Labor	55	500	273	500	500
591-538-940.001	Warehouse Rental	725	-	-	-	-
		78,540	154,048	15,263	77,848	137,848
Totals for Dept 538-TRANS. AND DISTR.		435,856	467,444	119,446	287,104	359,155

BUDGET WORKSHEET FOR CITY OF ZEELAND

Fund 591: WATER UTILITY FUND
2024-2025 FISCAL YEAR

GL NUMBER	DESCRIPTION	2022-23 ACTIVITY	2023-24 AMENDED BUDGET	2023-24 ACTIVITY 12/31/2023	2023-24 PROJECTED ACTIVITY	2024-25 REQUESTED BUDGET
Dept 546: ACCOUNTING						
Personnel Services						
591-546-702.001	Wages/Full-Time Operating	96,893	110,530	47,764	95,528	128,901
591-546-703.001	Wages/Part-Time Operating	17,618	19,036	9,610	19,221	20,178
591-546-704.001	Wages/Overtime Operating	1,396	134	542	1,084	2,465
591-546-710.000	Wages/Longevity Pay	645	735	735	735	735
591-546-711.000	Wages to be Capitalized	-	-	(1,799)	(3,598)	(9,661)
591-546-712.000	Fringes to be Capitalized	-	-	(899)	(1,799)	(3,458)
591-546-713.000	Performance Incentive	160	174	-	174	181
591-546-715.000	Employer FICA Contributions	8,639	9,992	4,359	8,718	11,663
591-546-716.000	Employee Insurances	24,971	25,216	10,791	21,583	29,652
591-546-717.000	Employee Retirement - DB	(11,821)	589	260	520	824
591-546-717.001	Employee Retirement - DC	6,953	9,634	3,557	7,114	12,771
591-546-718.000	Workers Comp Insurance	416	861	826	1,653	898
591-546-719.000	Life & Accidental Insurance	495	-	-	-	-
591-546-721.000	Long Term Disability	262	-	-	-	-
591-546-720.000	Unemployment	-	-	1,810	1,810	-
591-546-722.000	Retiree Health Savings Plan	6,474	3,214	1,371	2,742	3,584
		153,101	180,115	78,928	155,485	198,733
Supplies						
591-546-729.000	Postage	10,950	9,000	4,564	9,173	10,408
591-546-730.000	General Office Supplies	3,186	4,250	748	3,248	5,063
591-546-751.000	Gasoline	311	200	112	225	500
591-546-768.000	Uniforms & Cleaning	281	250	126	425	575
591-546-778.000	Equipment Maintenance Supplies	26	125	6	45	125
591-546-778.001	Vehicle Supplies	-	-	225	451	500
		14,754	13,825	5,781	13,567	17,171
Professional & Contractual Services						
591-546-808.000	Independent Audit	8,173	5,299	4,055	5,559	5,325
591-546-820.000	Contractual Services - Other	12,376	3,480	759	6,518	1,875
591-546-850.000	Communications	36	-	-	-	-
591-546-861.000	Travel & Training	6,512	9,300	3,925	7,850	7,332
591-546-900.00	Printing & Publishing	142	-	-	-	-
591-546-940.000	Rentals	50	-	-	-	-
591-546-956.000	Miscellaneous	379	125	-	65	120
		27,669	18,204	8,739	19,992	14,652
Totals for Dept 546-ACCOUNTING		195,525	212,144	93,448	189,044	230,556

BUDGET WORKSHEET FOR CITY OF ZEELAND

Fund 591: WATER UTILITY FUND
2024-2025 FISCAL YEAR

GL NUMBER	DESCRIPTION	2022-23 ACTIVITY	2023-24 AMENDED BUDGET	2023-24 ACTIVITY 12/31/2023	2023-24 PROJECTED ACTIVITY	2024-25 REQUESTED BUDGET
Dept 547: ADMINISTRATION						
Personnel Services						
591-547-702.001	Wages/Full-Time Operating	119,862	156,538	98,545	197,090	180,330
591-547-703.001	Wages/Part-Time Operating	1,725	2,648	-	-	2,048
591-547-703.002	Wages/Part-Time Maintenance	157	-	-	-	-
591-547-704.001	Wages/Overtime Operating	224	-	-	-	402
591-547-706.000	Car Allowance	1,203	1,500	557	1,500	1,500
591-547-710.000	Wages/Longevity Pay	-	1,050	1,050	1,050	1,180
591-547-711.000	Capitalized Wages	(20,016)	(22,000)	(616)	(1,231)	(1,383)
591-547-712.000	Capitalized Benefits	(10,719)	(11,000)	(308)	(616)	(692)
591-547-715.000	Employer FICA Contributions	8,682	12,873	6,953	13,906	14,726
591-547-716.000	Employee Insurances	13,732	21,039	12,852	25,704	24,935
591-547-717.001	Employee Retirement - DC	9,639	14,961	8,953	17,906	19,045
591-547-718.000	Workers Comp Insurance	745	4,293	1,010	2,020	4,397
591-547-719.000	Life & Accidental Insurance	615	-	-	-	-
591-547-721.000	Long Term Disability	327	-	-	-	-
591-547-722.000	Retiree Health Savings Plan	2,367	2,784	1,817	3,633	3,120
		128,544	184,686	130,814	260,962	249,608
Supplies						
591-547-729.000	Postage	1,064	2,200	750	2,000	2,500
591-547-730.000	General Office Supplies	3,442	5,500	2,080	5,000	5,500
591-547-730.001	Computer Supplies	1,207	4,600	118	1,000	1,000
591-547-734.000	Safety Supplies	972	5,800	176	1,500	1,500
591-547-751.000	Gasoline	1,410	-	-	25	25
591-547-768.000	Uniforms & Cleaning	2,834	1,200	317	800	800
591-547-778.001	Vehicle Supplies	-	-	12	75	100
591-547-779.000	Other Repair & Maint. Supplies	173	-	-	-	-
591-547-780.000	Community Promotion Supplies	3,378	5,000	657	2,657	5,000
		14,480	24,300	4,110	13,057	16,425
Professional & Contractural Services						
591-547-814.101	Computer Services - Internal, Fixed Fee	53,027	53,463	53,463	60,621	73,022
591-547-814.102	Computer Services - Internal, Billable	48,893	95,559	24,828	97,843	125,318
591-547-814.103	Computer Services - Capital	27,110	31,875	-	31,875	25,000
591-547-819.000	Safety Services	5,014	19,200	1,444	2,888	3,000
591-547-820.000	Contractual Services - Other	5,474	27,392	4,555	13,246	19,550
591-547-820.008	Credit Card Fees	10,859	10,166	7,175	15,785	18,994
591-547-826.000	Legal Fees	1,996	4,000	771	1,976	2,502
591-547-828.000	Memberships & Subscriptions	5,750	5,341	5,289	5,361	5,666
591-547-850.000	Communications	587	-	-	-	-
591-547-861.000	Travel & Training	31,403	50,000	8,760	18,760	61,500
591-547-880.000	Community Promotion	13,623	15,000	8,478	15,978	18,563
591-547-890.000	Community Contr./Projects	6,745	12,540	5,640	12,890	13,320
591-547-900.000	Printing & Publishing	4,723	5,000	1,792	3,442	5,100
591-547-920.000	Utilities	4	-	-	-	-
591-547-931.000	Building Maintenance	1,806	-	-	-	-
591-547-933.000	Equipment Maintenance	44	-	-	-	-
591-547-933.001	Vehicle Contract Labor	0	0	5	25	50
591-547-955.000	Internal Meetings	910	720	500	1,000	1,100
591-547-955.001	Employee Appreciation	6,110	6,680	965	3,680	5,450
591-547-955.002	Meetings with Vendors/External Resources	-	-	30	30	-
591-547-956.000	Miscellaneous	2,946	3,022	432	1,000	1,000
591-547-956.003	Uncollectible Sales	-	500	-	100	500
		227,025	340,458	124,127	286,500	379,635
Totals for Dept 547-ADMINISTRATION		370,048	549,444	259,050	560,519	645,668

BUDGET WORKSHEET FOR CITY OF ZEELAND

Fund 591: WATER UTILITY FUND
2024-2025 FISCAL YEAR

GL NUMBER	DESCRIPTION	2022-23 ACTIVITY	2023-24 AMENDED BUDGET	2023-24 ACTIVITY 12/31/2023	2023-24 PROJECTED ACTIVITY	2024-25 REQUESTED BUDGET
Dept 571: BUILDINGS & GROUNDS						
Personnel Services						
591-571-702.000	Wages/Full-Time	32,396	19,874	13,492	26,984	21,266
591-571-703.000	Wages/Part-Time	7,219	24,118	7,658	15,315	28,496
591-571-711.000	Wages to be Capitalized	-	-	-	-	(1,938)
591-571-712.000	Fringes to be Capitalized	-	-	-	-	(969)
591-571-715.000	Employer FICA Contributions	2,929	3,365	1,583	3,166	3,807
591-571-716.000	Employee Insurances	7,542	4,022	2,706	5,411	4,380
591-571-717.001	Employee Retirement - DC	1,235	1,789	1,089	2,177	2,127
591-571-718.000	Workers Comp Insurance	235	1,848	278	557	2,025
591-571-719.000	Life & Accidental Insurance	166	-	-	-	-
591-571-721.000	Long Term Disability	87	-	-	-	-
591-571-722.000	Retiree Health Savings Plan	891	532	358	716	548
		52,702	55,548	27,163	54,326	59,742
Supplies						
591-571-734.000	Safety Supplies	968	1,250	89	500	625
591-571-751.000	Gasoline	223	600	167	500	625
591-571-757.000	Other Operating Supplies	463	1,650	917	2,375	1,750
591-571-766.000	Tools	803	2,500	105	1,125	1,250
591-571-768.000	Uniforms & Cleaning	450	300	61	300	300
591-571-776.000	Building Maintenance Supplies	4,981	7,500	1,055	6,250	7,500
591-571-778.000	Equipment Maintenance Supplies	509	1,500	293	750	1,250
591-571-778.001	Vehicle Supplies	-	200	159	375	375
		8,398	15,500	2,844	12,175	13,675
Professional & Contracted Services						
591-571-820.000	Contractual Services - Other	9,529	12,500	2,991	11,250	25,825
591-571-920.000	Utilities	8,846	8,750	4,176	8,750	8,750
591-571-931.000	Building Maintenance	15,381	31,000	12,251	25,000	4,175
591-571-933.000	Equipment Maintenance	2,928	2,500	1,445	1,000	1,250
591-571-933.001	Vehicle Contract Labor	-	-	193	250	250
		36,684	54,750	21,057	46,250	40,250
Totals for Dept 571-BUILDINGS & GROUNDS						
		97,784	125,798	51,064	112,751	113,667
Dept 572: INSURANCE & BONDS						
591-572-958.000	Insurance and Bonds	118,848	170,861	65,806	175,830	191,263
Totals for Dept 572-INSURANCE, BONDS, & FRINGES						
		118,848	170,861	65,806	175,830	191,263
Dept 252: UNALLOCATED FRINGE BENEFITS						
591-252-956.000	Miscellaneous Fringe Benefits	288	1,000	288	288	1,000
Totals for Dept 252-UNALLOCATED FRINGE BENEFITS						
		288	1,000	288	288	1,000
Dept 240: CONTINGENCIES						
591-240-956.000	Contingencies	-	12,000	143	143	12,000
Totals for Dept 240-CONTINGENCIES						
		-	12,000	-	143	12,000
OPERATING EXPENSES BEFORE DEPRECIATION						
		3,680,804	4,721,315	1,957,276	4,129,130	4,539,128
OPERATING INCOME BEFORE DEPRECIATION						
		1,435,381	472,743	126,707	1,078,760	772,983
Dept 550: DEPRECIATION						
591-550-968.000	Depreciation	793,041	974,934	349,514	1,158,682	1,536,650
Totals for Dept 550-DEPRECIATION						
		793,041	974,934	349,514	1,158,682	1,536,650

BUDGET WORKSHEET FOR CITY OF ZEELAND

Fund 591: WATER UTILITY FUND
2024-2025 FISCAL YEAR

GL NUMBER	DESCRIPTION	2022-23 ACTIVITY	2023-24 AMENDED BUDGET	2023-24 ACTIVITY 12/31/2023	2023-24 PROJECTED ACTIVITY	2024-25 REQUESTED BUDGET
OPERATING INCOME		642,341	(502,191)	(222,807)	(79,922)	(763,667)
NON-OPERATING INCOME						
591-000-665.013	Interest Earnings - Imp & Add	45,460	75,000	139,386	135,000	117,000
591-000-673.000	Sale of Fixed Assets	-	-	-	-	-
591-000-699.677	Transfer from Health Fund	-	-	-	-	-
		45,460	75,000	139,386	135,000	117,000
CONTRIBUTED CAPITAL						
591-000-674.000	Capital Contributions	79,069	54,689	5,525	25,000	50,000
591-000-675.000	Developer Contributions	-	-	-	-	-
		79,069	54,689	5,525	25,000	50,000
NET INCOME (LOSS)		766,869	(372,502)	(77,896)	80,078	(596,667)
TOTAL CAPITAL ASSETS		19,203,487	20,814,938	20,443,390	24,269,634	28,042,984
NET INCOME (LOSS)		766,869	(372,502)	(77,896)	80,078	(596,667)
DEPRECIATION		793,041	974,934	349,514	1,158,682	1,536,650
CONSTRUCTION IN PROGRESS		1,485,170	5,448,411	2,968,482	791,124	1,425,281
DEBT PRINCIPAL		-	-	-	-	-
CASH SPENT ON CAPITAL EXPENDITURES		1,485,170	5,448,411	2,968,482	3,825,844	5,310,000
FUTURE ESTIMATED CASH AND INVESTMENTS BALANCE (ASSUMING ONLY USE OF INCOME IS CAPITAL PROJECTS AND DEBT PRIN)		13,513,511	8,667,532	10,816,647	10,926,427	6,556,410

**CITY OF ZEELAND
CAPITAL IMPROVEMENT PROGRAM**

**ELECTRIC UTILITY TYPE IMPROVEMENTS
FY 2025 – 2030**

PROJECT DESCRIPTIONS:

DISTRIBUTION SYSTEM IMPROVEMENTS AND EXTENSIONS: A multi-year schedule to construct necessary distribution system improvements, modifications, and extensions (including those improvements associated with street construction) for the purpose of servicing current and new electric customers:

Major FY2025 Projects include:

- A. Underground electric distribution to serve new subdivisions
- B. City Street Project Upgrades – Main Avenue & Church Street
- C. New Northside Sub 1 Distribution Circuit (GRP #402)
- D. New Northside Sub 2 Distribution Circuit (GRP #501)
- E. Replace underground distribution in Maple Valley Estates (GRP #403)
- F. Distribution System Sectionalizing

Major FY2026 Projects include:

- A. Underground electric distribution to serve new subdivisions
- B. City Street Project Upgrades – Taft St.
- C. New Northside Sub 3 Distribution Circuit
- D. New Northside Sub 4 Distribution Circuit (GRP #502)
- E. Distribution System Sectionalizing
- F. Underground Garfield Ave.

Major FY2027 Projects include:

- A. Underground electric distribution to serve new subdivisions
- B. City Street Project Upgrades – TBD
- C. New Northside Sub 5 Distribution Circuit (GRP #502)

Major FY2028 Projects include:

- A. Underground electric distribution to serve new subdivisions
- B. City Street Project Upgrades – TBD

Major FY2029 Projects include:

- A. Underground electric distribution to serve new subdivisions
- B. City Street Project Upgrades – TBD

Major FY2030 Projects include:

- A. Underground electric distribution to serve new subdivisions
- B. City Street Project Upgrades – TBD

SUBSTATION IMPROVEMENTS: A multi-year schedule for the maintenance, construction, or modification of substation facilities in order to reliably supply BPW electric system customers:

Major FY2025 Projects include:

- A. Northside Substation and Circuit Exits (GRP #401)
- B. Fairview Transformer Replacement (GRP #301)

Major FY2026 Projects include:

- A. Fairview 69kV Breaker Replacement

Major FY2026 Projects include:

- A. Riley 69kV Breaker Replacement

GENERATION SYSTEM IMPROVEMENTS: A multi-year schedule for the overhauling of engines and electrical generating equipment modifications and improvements in order to maintain reliable electric generation capacity for the system:

Major FY2025 Projects include:

- A. Power Plant – Fire & Gas Detection System
- B. Rebuild Unit #11 Cooling Tower

Major FY2026 Projects include:

- A. Riley Generation Controls Upgrade
- B. Power Plant Station Power 1 & 2 Xfmr Replacement

Major FY2027 Projects include:

- A. Upgrade CAT EMCP Controls on 7 CAT Units
- B. New Generation Capacity - Construction

**CITY OF ZEELAND
CAPITAL IMPROVEMENT PROGRAM**

**ELECTRIC UTILITY TYPE IMPROVEMENTS
FY 2025 – 2030**

Major FY2028 Projects include:

- A. New Generation Capacity - Construction

Major FY2029 Projects include:

- A. Power Plant Station Power Xfmrs & Switching Cabinet Upgrades

Major FY2030 Projects include:

- A. Replace two (2) – 3000kVA Xfmrs at Power Plant

VEHICLE ACQUISITIONS: Plans for the purchase of necessary electric department vehicles for operational purposes:

FY2025 Acquisitions include:

- A. Replace Bucket Truck #542
- B. Replace Pickup Truck #539

FY2026 Acquisitions include:

- A. Replace Digger Derrick #547
- B. Replace Pickup Truck #545
- C. Replace Riding Lawn Mower (75%)

FY2027 Acquisitions include:

- A. Replace Service Truck #548
- B. Replace Pickup Truck #554

FY2028 Acquisitions include:

- A. Replace Pickup Truck #556

FY2029 Acquisitions include:

- A. Replace Bucket Truck #552
- B. Replace Pickup Truck #549
- C. Replace Zero-Turn Lawn Mower (75%)

FY2030 Acquisitions include:

- A. Replace Digger Derrick #555
- B. Replace Pickup Truck #556

TOOLS: Tools and equipment to support field operations activities:

FY2025 Acquisitions include:

- A. Electric Meter Accuracy Tester
- B. Phase Checker

TECHNOLOGY IMPROVEMENTS: Office computers, computer upgrades and replacements, computer peripheral device and related upgrades, office equipment, security and communications devices and related upgrades, and SCADA system equipment:

Major FY2025 Projects include:

- A. Replace Utility Billing Software (75%) – Implementation

Major FY2027 Projects include:

- A. SCADA Offline Development Software Module and Other Items

**CITY OF ZEELAND
CAPITAL IMPROVEMENT PROGRAM**

**ELECTRIC UTILITY TYPE IMPROVEMENTS
FY 2025 – 2030**

BUILDING IMPROVEMENTS: Construction of new or remodeling of facilities, roofing repair or replacement, physical security, and other improvements of a significant nature that will extend the life of facilities:

Major FY2025 Projects include:

- A. Repave Riley Substation Drives
- B. Replace Riley Generating Station UPS
- C. BPW Office Remodel & Renovations (75%)

Major FY2026 Projects include:

- A. Building Fire Detection & Alarm System – North Warehouse

Major FY2027 Projects include:

- A. Repave Perry Substation Drive

Major FY2029 Projects include:

- A. Replace Roofing at Various Locations

Major FY2030 Projects include:

- A. Replace Roofing at Various Locations

**CITY OF ZEELAND
2024-25 FISCAL YEAR BUDGET
CAPITAL IMPROVEMENT PROGRAM**

**TRANSMISSION & DISTRIBUTION
ELECTRIC UTILITY TYPE IMPROVEMENTS**

PROJECT TITLE	Estimated FY 2024	6-Year Plan					
		FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Transmission System Improvements							
Riley - Blendon Line Dampening Installation		250,000					
Sub-Total Transmission Sys. Impr.	-	250,000	-	-	-	-	-
Distribution System Improvements and Ext.							
Poles and Overhead Conductors	4,914	20,000	22,500	25,000	25,000	25,000	25,000
Transformers	506,974	425,000	400,000	400,000	400,000	400,000	400,000
Underground Conductors	500,000	400,000	400,000	400,000	400,000	400,000	400,000
Services	71,100	75,000	77,500	77,500	80,000	80,000	85,000
U/G Capacitors (GRP #'s 104, 203, 303)							
Perry 6 Distribution (GRP #302)							
Northside Sub 1 Distribution Circuits (Gentex NRC3, GRP #402)		300,000					
Northside Sub 2 Distribution (Gentex NRC4, GRP #501)		300,000					
Northside Sub 3 Distribution (Gentex)			300,000				
Northside Sub 5 Distribution (GRP #502)				300,000			
Northside Sub 4 Distribution (RY4 System / Gentex) (GRP #502)			300,000				
City St Projects - Main FY24, Church FY25, Taft FY26	50,000	300,000	300,000	300,000	300,000	300,000	300,000
Gentex FV8 Circuit - NRC3 (GRP #205)							
Replace U/G Roosevelt/ State (Creskide Apts) (GRP #204)	150,000						
Replace U/G Howard Miller Metering & SKLD Feeds (GRP #304)	150,000						
Replace U/G Maple Valley Estates (GRP #403)		515,000					
Distribution System Sectionalizing		200,000	150,000				
U/G Garfield Ave			200,000				
U/G McKinley Harrison Corridor	691,041						
U/G to New Kinder Morgan Facility	75,000						
Sub-Total Distribution Sys. Impr.	2,199,029	2,535,000	2,150,000	1,502,500	1,205,000	1,205,000	1,210,000
Substation Improvements							
Substation Improvements/Additions General							
Northside Sub and Circuit Exits (GRP #401)	4,800,000	200,000					
Fairview Transformer Replacement (GRP #301) - Project 826	2,100,000	400,000					
Fairview 69kV Breaker Replacement			500,000				
Riley 69kV Breaker Replacement				500,000			
Sub-Total Substation Equipment Impr.	6,900,000	600,000	500,000	500,000	0	0	-
Vehicle Additions/Improvements							
Vehicle - Service Truck	185,000			225,000			
Vehicle - Large Bucket		285,000				350,000	
Vehicle - Digger Truck			382,000				450,000
Vehicle - Light		42,000	45,000	55,000	48,000		52,000
Sub-Total Vehicle Acquisition	185,000	327,000	427,000	280,000	48,000	350,000	502,000
Tools							
Electric Meter Accuracy Tester		40,000					
Phase Checker		15,000					
Sub-Total Tools	-	55,000	-	-	-	-	-
Technology Improvements							
Outage Management / Customer Notification (OMS)	6,000						
Replace Utility Billing Software (75%) Implementation	195,000	105,000					
Sub-Total Technology	201,000	105,000	-	-	-	-	-
TOTAL CAPITAL EXPENDITURES	9,485,029	3,872,000	3,077,000	2,282,500	1,253,000	1,555,000	1,712,000

SOURCE OF FUNDS	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Electric Revenue Bonds							
Contribution in Aid of Construction	45,000	2,600,000	300,000	235,000	80,000	80,000	
Grants		343,333					
Replacement Reserves -- Imp. And Additions	9,440,029	928,667	2,777,000	2,047,500	1,173,000	1,475,000	1,712,000
TOTAL SOURCE OF FUNDS	9,485,029	3,872,000	3,077,000	2,282,500	1,253,000	1,555,000	1,712,000

CITY OF ZEELAND
2024-25 FISCAL YEAR BUDGET
CAPITAL IMPROVEMENT PROGRAM

GENERATION & FACILITIES
ELECTRIC UTILITY TYPE IMPROVEMENTS

PROJECT TITLE	Estimated FY 2024	6-Year Plan					
		FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
<u>Generation System Improvements</u>							
Generation Equipment Improvements - General	32,500	80,000	100,000	75,000	75,000	75,000	75,000
Power Plant Meeting Space / Conference Room							75,000
Replace Diesel Fuel Piping to Power Plant							30,000
Power Plant Unit #10 Emergency Repairs	30,000						
Remote Gen Facilities - Fire & Gas Detection System	165,000						
Power Plant - Fire & Gas Detection System	-	150,000					
Power Plant Units #1 & #2 Blower Controls Upgrade	30,000						
Rebuild Unit #11 Cooling Tower		60,000					
Upgrade Controls at Riley Generation			150,000				
Upgrade CAT EMCP Controls on (7) CAT Units				210,000			
Power Plant Stn Power Xfmr 1 & 2 Replacement			50,000				
Power Plant Stn Power Xfmrs & Switching Cabinet Upgrades						450,000	
Replace Two 3,000kVA Transformers at Power Plant							250,000
New Generation Capacity				9,000,000	9,000,000		
Sub-Total Generation Equipment Impr.	257,500	290,000	300,000	9,285,000	9,075,000	525,000	430,000
<u>Vehicle Additions/Improvements</u>							
Vehicle - Light truck						50,000	
Lawn Mowers - Facilities	8,600		4,500			11,250	
Sub-Total Vehicle Acquisition	8,600	-	4,500	-	-	61,250	-
<u>Technology Improvements</u>							
SCADA Offline Development Software Module & Others				50,000			
Sub-Total Technology	-	-	-	50,000	-	-	-
<u>Facilities</u>							
Building Improvements - General	20,000	25,000	25,000	25,000	25,000	25,000	75,000
Facilities Access Control	206,250						
Diesel Pump House Upgrades	17,000						
Power Plant East Drive Reconfiguration / Paving	52,500						
Riley Generation UPS - Replace		12,000					
Repave Riley & Perry Substations		50,000		50,000			
Roof Replacements - Various Locations						50,000	50,000
Water Warehouse Parking & Other Improvements	21,250		30,000				
Add Fire Detection in North Warehouse							
BPW Office Remodel & Renovations		1,125,000					
Property Procurements & Repurposing	25,000						
Sub-Total Facilities	342,000	1,212,000	55,000	75,000	25,000	75,000	125,000
TOTAL CAPITAL EXPENDITURES	608,100	1,502,000	359,500	9,410,000	9,100,000	661,250	555,000

SOURCE OF FUNDS	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Electric Revenue Bonds							
Contribution in Aid of Construction							
Grants							
Replacement Reserves -- Imp. And Additions	608,100	1,502,000	359,500	9,410,000	9,100,000	661,250	555,000
TOTAL SOURCE OF FUNDS	608,100	1,502,000	359,500	9,410,000	9,100,000	661,250	555,000

**CITY OF ZEELAND
CAPITAL IMPROVEMENT PROGRAM
WATER UTILITY TYPE IMPROVEMENTS
FY 2025 – 2030**

PROJECT DESCRIPTIONS:

DISTRIBUTION SYSTEM IMPROVEMENTS AND STREET PROJECTS: Plans for water distribution system replacements and/or improvements to be completed in conjunction with the City of Zeeland five-year street construction program. These projects will provide availability to new water customers and improved service to existing customers:

Major FY2025 Projects include:

- A. Other Water Main and Distribution System Improvements
- B. Meter Replacement & AMI
- C. Galvanized Service Line Replacements
- D. City Street Reconstruction Projects – Main Ave. (State St. to Church St.)
- E. City Street Reconstruction Projects – Church (Washington to Lincoln)
- F. 500,000-gallon elevated tank painting and restoration
- G. Install 70' X 60' concrete / asphalt at 80th Street Tank
- H. 20 in. Transmission Main flowable fill (104th-Carpet Bonanza)
- I. 20 in. Transmission Main flowable fill (120th-N. River)

Major FY2026 Projects include:

- A. Other Water Main and Distribution System Improvements
- B. Meter Replacement & AMI
- C. Galvanized Service Line Replacements
- D. City Street Reconstruction Projects – Taft (Main – Huizenga)
- E. 80th Street Tank Painting and Restoration

Major FY2027 Projects include:

- A. Other Water Main and Distribution System Improvements
- B. Meter Replacement & AMI
- C. Galvanized Service Line Replacements
- D. City Street Reconstruction Projects – Jefferson (McKinley to Roosevelt)

Major FY2028 Projects include:

- A. Other Water Main and Distribution System Improvements
- B. Meter Replacement & AMI
- C. Galvanized Service Line Replacements
- D. City Street Reconstruction Projects – Williams (101st to 103rd)
- E. City Street Reconstruction Projects – Elm Street (Washington to Harrison)

Major FY2029 Projects include:

- A. Other Water Main and Distribution System Improvements
- B. Meter Replacement & AMI
- C. Galvanized Service Line Replacements
- D. City Street Reconstruction Projects – Ottawa (Oak to Roosevelt)
- E. City Street Reconstruction Projects – Sanford (Central to Dead-end)

Major FY2030 Projects include:

- A. Other Water Main and Distribution System Improvements
- B. Meter Replacement & AMI
- C. Galvanized Service Line Replacements

VEHICLE ACQUISITIONS: Plans for the purchase of necessary water department vehicles for operational purposes:

FY2026 Acquisitions include:

- A. Replace Pickup Truck #551
- B. Replace Riding Lawn Mower (25%)

FY2027 Acquisitions include:

- A. Replace Pickup Truck #553

FY2029 Acquisitions include:

- A. Replace Zero-Turn Lawn Mower (25%)

CITY OF ZEELAND
CAPITAL IMPROVEMENT PROGRAM
WATER UTILITY TYPE IMPROVEMENTS
FY 2025 – 2030

TECHNOLOGY IMPROVEMENTS: Office computers, computer upgrades and replacements, computer peripheral device and related upgrades, office equipment, security and communications devices and related upgrades, and SCADA system equipment:

Major FY2025 Projects include:

- A. General Technology Improvements
- B. Replace Utility Billing Software (25%) – Implementation
- C. SCADA Replacement

Major FY2026 Projects include:

- A. General Technology Improvements

Major FY2027 Projects include:

- A. General Technology Improvements

Major FY2028 Projects include:

- A. General Technology Improvements

Major FY2029 Projects include:

- A. General Technology Improvements

BUILDING IMPROVEMENTS: Construction of new or remodeling of old facilities, roofing repair or replacement, and other building improvements of a significant nature that will extend the life of facilities:

Major FY2025 Projects include:

- A. General Building Improvements
- B. BPW Office Remodel & Renovations (25%)

Major FY2026 Projects include:

- A. General Building Improvements
- B. Building Fire Detection & Alarm System – Water Warehouse

Major FY2027 Projects include:

- A. General Building Improvements

Major FY2028 Projects include:

- A. General Building Improvements

Major FY2029 Projects include:

- A. General Building Improvements

Major FY2030 Projects include:

- A. General Building Improvements

**CITY OF ZEELAND
2024-25 FISCAL YEAR BUDGET
CAPITAL IMPROVEMENT PROGRAM**

WATER UTILITY TYPE IMPROVEMENTS

PROJECT TITLE	Estimated FY 2024	6-Year Plan					
		FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
<u>Street Projects</u>							
Plainfield Ct_ Plainfield Ave	11,000						
Garfield (N. Centennial east to 16" watermain)	1,400						
Main Ave (Construction State to Fairview - Snowmelt)	100,000	295,000					
Maple Street (Main to E. Washington)	40,000						
Main Street (Fairview/Main Resurfacing)	3,000						
Church (Washington to Lincoln)		1,300,000					
Taft -(Main-Huizenga)			1,235,000				
Jefferson (McKinley to Roosevelt)				800,000			
Williams (101st to 103rd)					500,000		
Elm Street (Washington to Harrison)					400,000		
Ottawa (Oak to Roosevelt)						400,000	
Sanford (Central to Dead End)						500,000	
Other Water Main Projects		300,000	300,000	300,000	300,000	300,000	300,000
Sub-Total Street Projects	155,400	1,895,000	1,535,000	1,100,000	1,200,000	1,200,000	300,000
<u>Distribution Improvements</u>							
Meter Replacement & AMI	900,000	500,000	200,000	100,000	100,000	50,000	50,000
Galvanized Service Line Replacements	630,000	1,000,000	770,000	770,000	300,000	50,000	50,000
Carlton Pump Station VFD_Singer Valve Install	61,000						
Large Stationary Generator Carlton PS.	220,000						
Washington PS (Pump #2)-Install new pump, motor,Singer Valve	250,000						
Washington Pump Station (Pump #4)_ pump_motor_Install VFD_Singer Valve	760,544						
Catbarn Transformer/Transfer switch upgrade project	150,000						
ZGS Jockey Pump-replace CV with singer	50,000						
Tank Painting and Restoration 500,000		300,000					
Tank Painting and Restoration 1.5 mg (80th st)			400,000				
5MG Reservoir (possible restoration after inspection)	300,000						
Concrete/Asphalt 80th st tank-70'x60'		40,000					
20" Transmission Main Flowable-Fill (104th-Carpet Bonanza)		400,000					
20" Transmission Main Flowable-Fill (120th- N. River)	21,000	550,000					
Other Distribution System Improvements		45,000	45,000	45,000	45,000	45,000	
Sub-Total Distribution System Improvements	3,342,544	2,835,000	1,415,000	915,000	445,000	145,000	100,000
<u>Vehicle Additions/Improvements</u>							
Vehicle Acquisitions	85,000		42,000	45,000			
Lawn Mowers - Facilities	2,900		1,500			3,750	
Sub-Total Vehicle Additions/Improvements	87,900	-	43,500	45,000	-	3,750	-
<u>Technology Improvements</u>							
Technology Improvements - General		20,000	20,000	20,000	20,000	20,000	
Replace Utility Billing Software (25%) Implementation	65,000	60,000					
Outage Management / Customer Notification System							
SCADA Replacement		100,000					
Sub-Total Technology Improvements	65,000	180,000	20,000	20,000	20,000	20,000	-
<u>Facilities</u>							
Building Improvements		25,000	25,000	25,000	25,000	25,000	25,000
Facilities Access Control	68,750						
Power Plant East Drive Reconfiguration / Paving	17,500						
Water Warehouse Parking & Other Improvements	63,750						
Add Fire Detection in Water Warehouse			20,000				
BPW Office Remodel & Renovations							
Property Procurements & Repurposing	25,000						
Sub-Total Facilities	175,000	400,000	45,000	25,000	25,000	25,000	25,000
TOTAL CAPITAL EXPENDITURES	3,825,844	5,310,000	3,058,500	2,105,000	1,690,000	1,393,750	425,000
SOURCE OF FUNDS	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Water System Revenue Bonds							
Grants	7,001						
Contributions in Aid of Construction	25,000	50,000	50,000	50,000	50,000	50,000	50,000
Replacement Reserves - Imp. and Additions	3,793,843	5,260,000	3,008,500	2,055,000	1,640,000	1,343,750	375,000
TOTAL SOURCE OF FUNDS	3,825,844	5,310,000	3,058,500	2,105,000	1,690,000	1,393,750	425,000