Special Meeting Agenda

PUD Board of Commissioners

Mon, Sept 20, 2021 2:00 PM

ZOOM

Port Townsend, WA 98368

To join online go to: https://zoom.us/my/jeffcopud. Follow the instructions to login. Meetings will open 10 minutes before they begin. TOLL FREE CALL IN #: 833-548-0282, Meeting ID# 4359992575#. Use *6 to mute or unmute. *9 to raise a hand to request to begin speaking.

Page

1. Call to Order

Per the Governor's Extended Proclamation 20-28 and in response to the COVID-19 Pandemic, Jefferson County PUD is no longer providing an in-person room for meetings of the BOC. All meetings will be held remotely via Zoom until otherwise informed by the Governor. Participant audio will be muted upon entry. Please unmute at the appropriate time to speak. If you are calling in, use **6 to mute and unmute and *9 to raise a hand to request to speak.*

2. Agenda Review

3. Presentations & Discussion

3.1. Meter Replacement Update 2 - 12

Meter Replacement 2021.pdf

3.2. 2022 Budget Review

3.3. 2022 Draft Budget Exhibits with graphs for 9.20.2021--Property Taxes.pdf 13 - 38

4. Executive Session

Per RCW 42.30.110(b) the Board of Commissioners will consider the selection of a site or the acquisition of real estate by lease or purchase when public knowledge regarding such consideration would cause a likelihood of increased price.

5. Adjourn

PUD
Jefferson County
Public Utility District

Meter Replacement Update Sept 2022

Kevin Streett, General Manager

OVERVIEW

METER HISTORY

CURRENT CHALLENGES

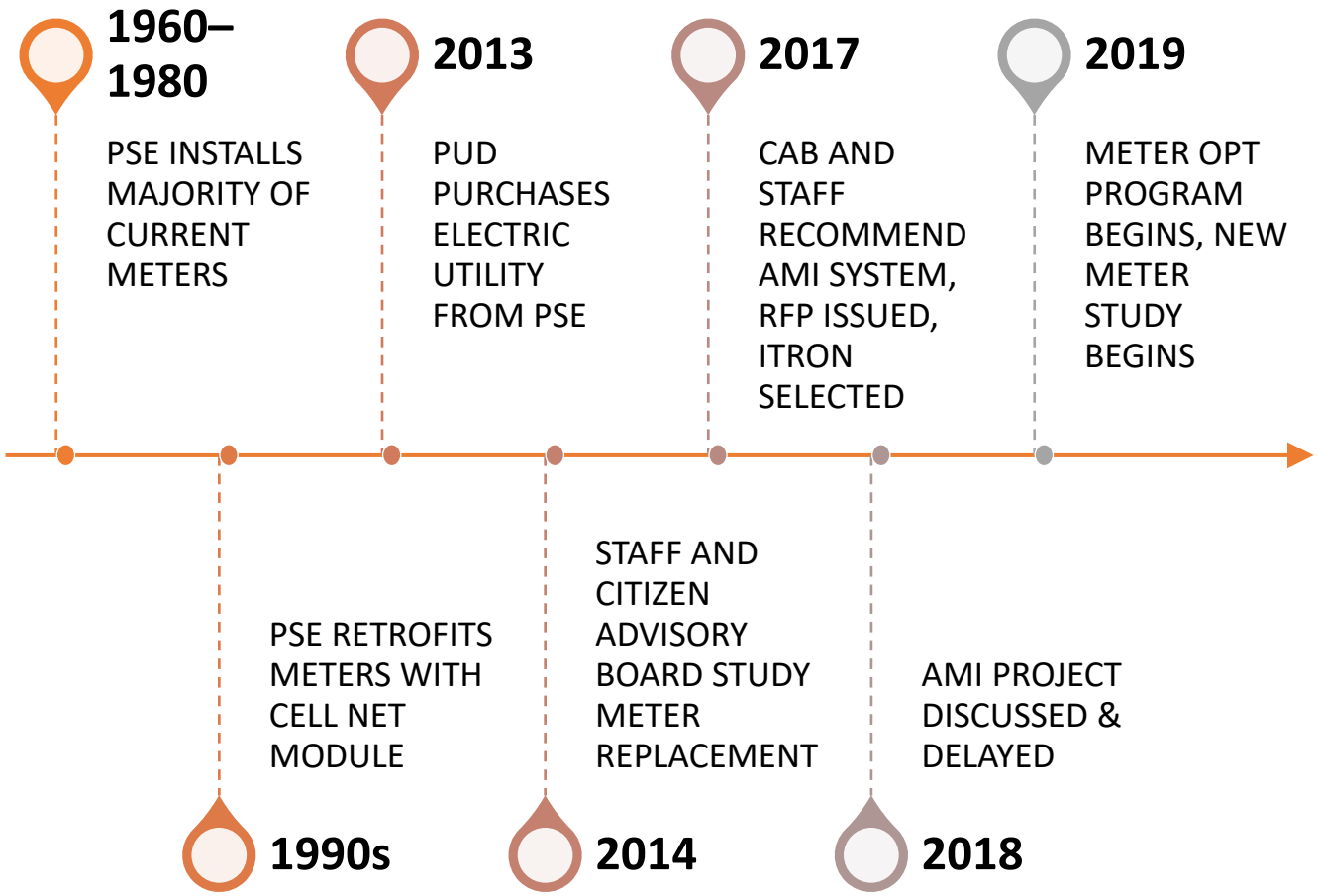
RECENT STUDY

STAFF VISION

AMI BENEFITS

NEXT STEPS

METER HISTORY



CURRENT METER CHALLENGES

$355,000 contract with Landis & Gyr for Meter Reading

Contract is tenuous, either side can back out before 2023

L&G has been unable to read many meters this summer

Staff is estimating reads to compensate

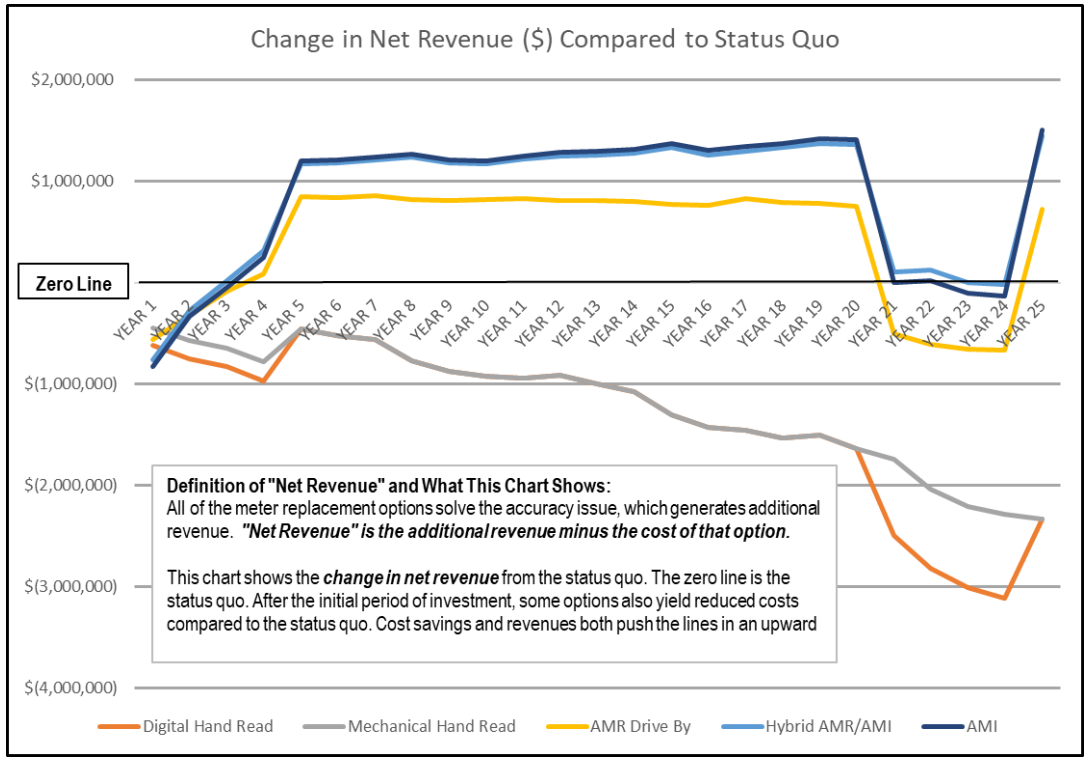
RECENT STUDY by FCS GROUP

Cost Benefit Analysis for 4 metering options

Began in 2019, COVID delayed in 2020, completed Aug 2021

Met with Board and CAB on multiple occasions

AMI determined to have the highest combined economic and non-economic favorability



Change in Net Revenue - Net Present Value at 2.50%	
Digital Hand Read	($22,800,000)
Mechanical Hand Read	($20,300,000)
AMR Drive By	$7,500,000
Hybrid AMR	$14,500,000
AMI	$14,500,000

FCS STUDY FINDINGS

AMI and Hybrid are the most economically advantageous

Hand-read options are the least economically advantageous

Between Hybrid AMR and AMI, functional capability makes AMI the recommended approach

AMI has a positive net present value compared to the status quo—in other words, it pays for itself

STAFF VISION FOR METERS

Full replacement with AMI

Use AMI to develop enhanced smart grid abilities

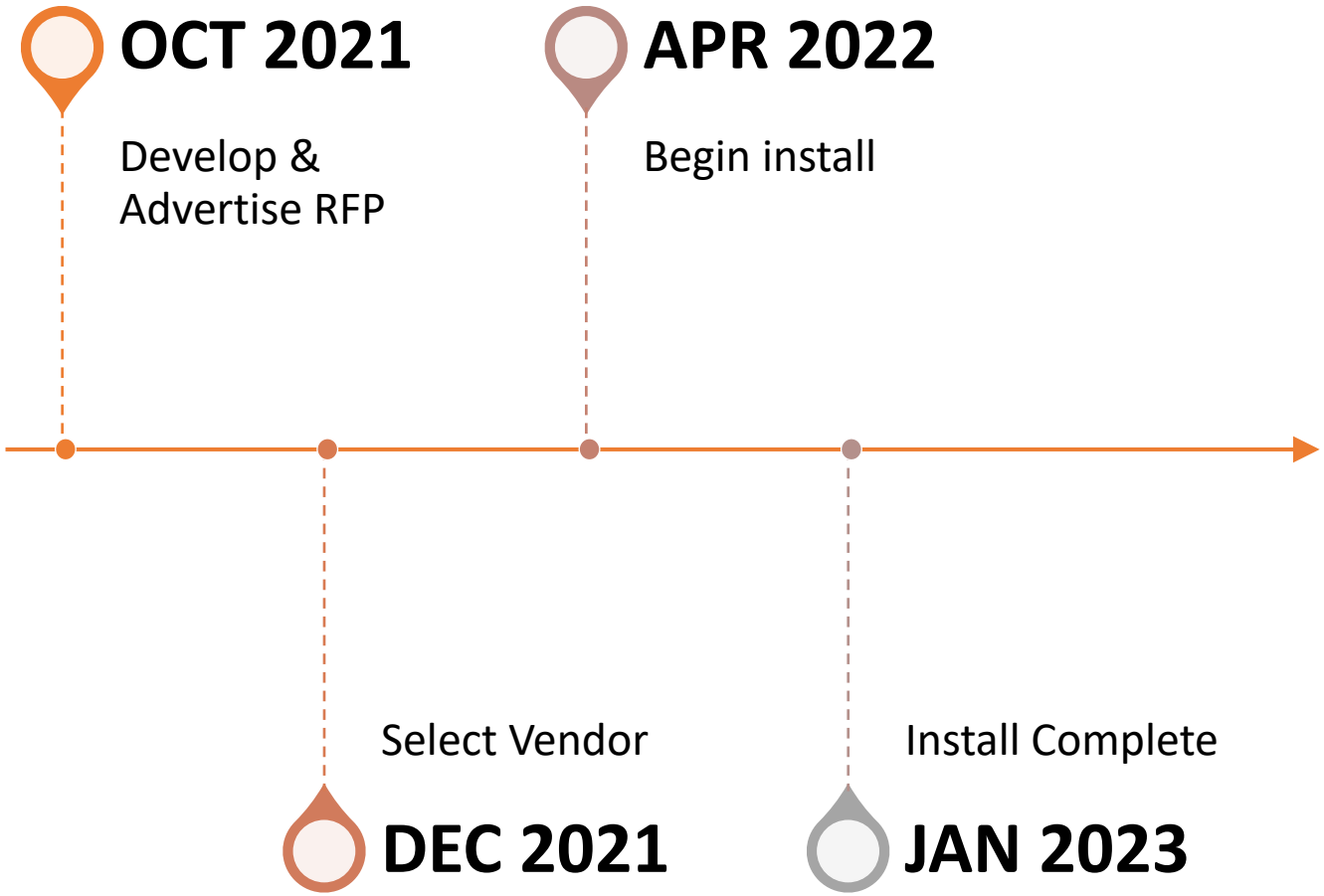
Better integration with renewables, EVs

Improves billing, allows for time of use rates

BENEFITS OF A NEW AMI SYSTEM

Daily billing reads	Interface with NISC	End of line voltage	Pre Pay	Time of use
Outage notification	Voltage Issues	Tamper detection	Remote disconnect	Hot socket detection
SCADA interface	Meter Alarms pushed on event	MDMS (Meter Data Management System)	99% coverage	Programmable Broadcast

NEXT STEPS


OCT 2021
Develop & Advertise RFP
APR 2022
Begin install
Select Vendor
DEC 2021
Install Complete
JAN 2023

DISCUSSION POINTS

RFP OPTIONS

DATA TRANSMISSION

PHASE IN TIMES

OTHER?

Jefferson County Public Utility District

2022 Budget Presentation Talking Points

1. Electric and Water Revenues were increased by 4.5% based on 2021 Rate increases.
2. We raised expenses by 2.75%.
3. We raised our Fleet Expenses by 2.75% based on new vehicles and personnel.
4. We have budgeted for 6 new positions in 2022.
5. We kept our Purchased Power cost about the same but did add some for projected BPA reserves cost adjustment.
6. Electric Transmission Expense is primarily Bonneville Power Administration (BPA) but also includes expenses (labor, materials, fleet) associated with maintaining transmission lines.
7. Included in Electric Distribution Expense—Maintenance is $800,000 for tree trimming.
8. Included in the Administrative and General expenses is $150,000 available for raises per RCW 54.16.100.
9. Interest on Long-Term Debt is based on the amortization schedules within our loan documents with RUS, USDA Rural Development, and bonds.
10. Labor, Benefits, Fleet, and Inventory Expenses are based on historical information
11. All expenses are based on actual expenses from June 2020 to May 2021.
12. Each Department increased their training budgets by 5% for 2022.
13. We have included a 4% COLA increase for Non-Represented Employees and COLAs for Union Employees per their contracts.
14. Property tax revenues have been kept at the same level as last year and 100% of the funds will go toward Broadband.
15. Electric Construction Projects are based on the previously approved 4-year work plan with Board approved additions.
16. Water Construction Projects are based on current needs and our 10-year work plan.
17. General Plant capital purchases include building remodel, warehouse improvements, information technology equipment, fleet, broadband, electric tools/personal protection equipment, communications, and engineering costs.
18. Principal payments on long-term debt are based on the amortization schedules within our loan documents with RUS, USDA Rural Development, and bonds.
19. Added depreciation back into the cash flow as our construction costs should be close to our depreciation rate. We are replenishing our assets at the same rate they are depreciating.
20. We still have some LUDs that are paying on assessments which the Treasurer's Office collects and then we pay the bond payments.
21. We will be incorporating the 10-year Financial Forecast into the 2022 budget

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EXHIBIT A

2022 PUD Electric and Water Utility Budgets

	Electrical Utility	Water Utility	Talking Points
Operating Revenues	$40,094,599	$2,757,235	1
Operating Expenses			2,3,4
Power Production Cost	$0	$0	
Cost of Purchased Power	$15,050,647	$135,041	5
Transmission Expense	1,913,799	0	6
Distribution Expense--Operation	2,378,697	958,532	
Distribution Expense--Maintenance	4,720,613	612,774	7
Customer Accounts Expense	2,004,285	353,744	
Customer Service and Informational Expense	18,794	0	
Administrative and General Expense	4,814,216	1,445,822	8
Depreciation & Amortization Expense	5,548,199	428,634	
Tax Expense--Other	2,262,163	133,811	
Interest on Long-Term Debt	2,720,820	235,079	9
Interest Expense--Other	0	0	
Other Deductions	0	0	
Total Operating Expenses	**$41,432,233**	**$4,303,437**	10,11,12,13
Net Operating Margins (Loss)	($1,337,634)	($1,546,202)	
Property Tax Revenue	$590,000	$0	14
Non-Operating Margins (Loss)	$1,523,072	$247,535	
Net Margins (Loss)	**$775,438**	**($1,298,667)**	
Cash Flow Budget			
Construction Projects	$3,595,500	$633,105	15,16
General Plant Purchases	3,128,550	55,000	17
Principal on Long Term Debt	3,474,557	633,513	18
Add Depreciation & Amortization (non-cash)	(5,548,199)	(428,634)	19
Principal & Interest Received on LUDs	0	(442,966)	20
Total Cash Expenditures/Cash Outflow	**$4,650,408**	**$450,018**	21
Net Cash Inflow/(Outflow)	**($3,874,970)**	**($1,748,685)**	
Net TIER (Minimum of 1.25)	1.29		
Net DSC (Minimum of 1.25)	1.46		

Trigger:

If TIER is close to 1.25, the PUD will reduce expenses to ensure TIER comes up.

We will review cash reserves before big expenses are incurred.

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Electric Utility
Expense Changes
From 9/6/2021 to 9/14/2021

	9/6/2021 Presentation	9/14/2021 Presentation	Change
Operating Revenues	$40,131,589	$40,094,599	($36,990)
Operating Expenses			
Power Production Cost	$0	$0	$0
Cost of Purchased Power	$15,233,745	$15,050,647	($183,098)
Transmission Expense	$1,810,022	$1,913,799	$103,777
Distribution Expense--Operation	$2,375,717	$2,378,697	$2,980
Distribution Expense--Maintenance	$4,662,868	$4,720,613	$57,745
Customer Accounts Expense	$1,988,515	$2,004,285	$15,770
Customer Service and Informational Expense	$18,263	$18,794	$531
Administrative and General Expense	$4,843,838	$4,814,216	($29,622)
Depreciation & Amortization Expense	$5,547,052	$5,548,199	$1,147
Tax Expense--Other	$2,289,684	$2,262,163	($27,521)
Interest on Long-Term Debt	$2,753,920	$2,720,820	($33,100)
Interest Expense--Other	$0	$0	$0
Other Deductions	$0	$0	$0
Total Operating Expenses	**$41,523,624**	**$41,432,233**	**($91,391)**
Net Operating Margins (Loss)	($1,392,035)	($1,337,634)	$54,401
Non-Operating Margins (Loss)	$2,156,235	$2,113,072	($43,163)
Net Margins (Loss)	**$764,200**	**$775,438**	**$11,238**
Cash Flow Budget			
Construction Projects	$5,055,500	$3,595,500	($1,460,000)
General Plant Purchases	$1,897,000	$3,128,550	$1,231,550
Principal on Long Term Debt	$3,474,557	$3,474,557	$0
Add Depreciation & Amortization (non-cash)	($5,547,052)	($5,548,199)	($1,147)
Principal & Interest Received on LUDs	$0	$0	$0
Total Cash Expenditures/Cash Outflow	**$4,880,005**	**$4,650,408**	($229,597)
Net Cash Inflow/(Outflow)	**($4,115,805)**	**($3,874,970)**	$240,835
Net TIER (Minimum of 1.25)	1.28	1.29	0.01
Net DSC (Minimum of 1.25)	1.46	1.46	0.00

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Water Utility
Expense Changes
From 9/6/2021 to 9/14/2021

	9/6/2021 Presentation	9/14/2021 Presentation	Change
Operating Revenues	$2,757,235	$2,757,235	$0
Operating Expenses			
Power Production Cost	$0	$0	$0
Cost of Purchased Power	$136,684	$135,041	($1,643)
Transmission Expense	$0	$0	$0
Distribution Expense--Operation	$962,014	$958,532	($3,482)
Distribution Expense--Maintenance	$419,214	$612,774	$193,560
Customer Accounts Expense	$356,066	$353,744	($2,322)
Customer Service and Informational Expense	$0	$0	$0
Administrative and General Expense	$1,452,708	$1,445,822	($6,886)
Depreciation & Amortization Expense	$428,634	$428,634	$0
Tax Expense--Other	$135,439	$133,811	($1,628)
Interest on Long-Term Debt	$237,939	$235,079	($2,860)
Interest Expense--Other	$0	$0	$0
Other Deductions	$0	$0	$0
Total Operating Expenses	**$4,128,698**	**$4,303,437**	**$174,739**
Net Operating Margins (Loss)	($1,371,463)	($1,546,202)	($174,739)
Non-Operating Margins (Loss)	$250,609	$247,535	($3,074)
Net Margins (Loss)	**($1,120,854)**	**($1,298,667)**	**($177,813)**
Cash Flow Budget			
Construction Projects	$609,500	$633,105	$23,605
General Plant Purchases	$55,000	$55,000	$0
Principal on Long Term Debt	$633,513	$633,513	$0
Add Depreciation & Amortization (non-cash)	($428,634)	($428,634)	$0
Principal & Interest Received on LUDs	($442,966)	($442,966)	$0
Total Cash Expenditures/Cash Outflow	**$426,413**	**$450,018**	**$23,605**
Net Cash Inflow/(Outflow)	**($1,547,267)**	**($1,748,685)**	**($201,418)**

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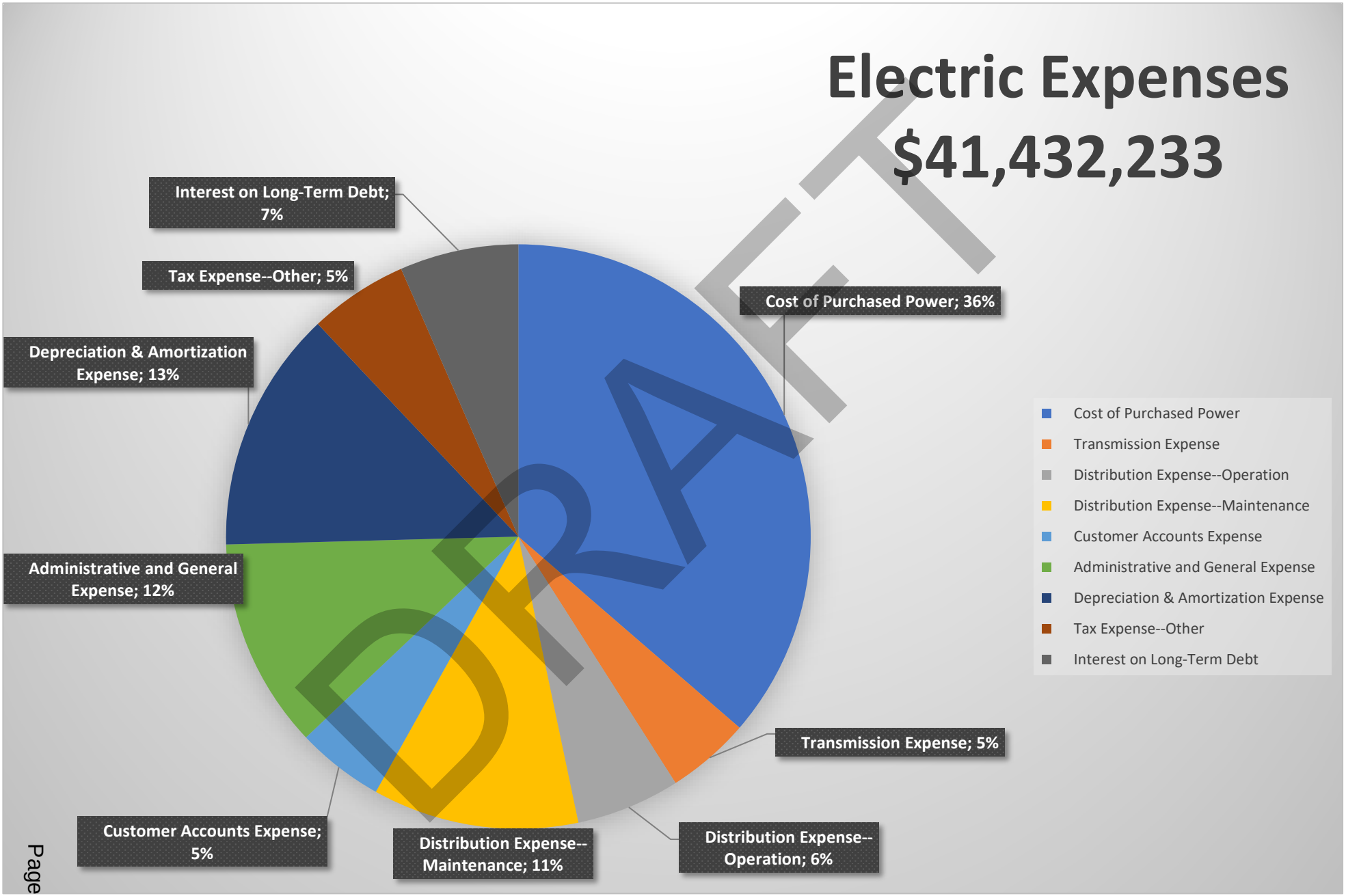
Electric Expenses
$41,432,233
Interest on Long-Term Debt; 7%
Tax Expense--Other; 5%
Depreciation & Amortization Expense; 13%
Administrative and General Expense; 12%
Customer Accounts Expense; 5%
Distribution Expense--Maintenance; 11%
Distribution Expense--Operation; 6%
Transmission Expense; 5%
Cost of Purchased Power; 36%
Cost of Purchased Power
Transmission Expense
Distribution Expense--Operation
Distribution Expense--Maintenance
Customer Accounts Expense
Administrative and General Expense
Depreciation & Amortization Expense
Tax Expense--Other
Interest on Long-Term Debt
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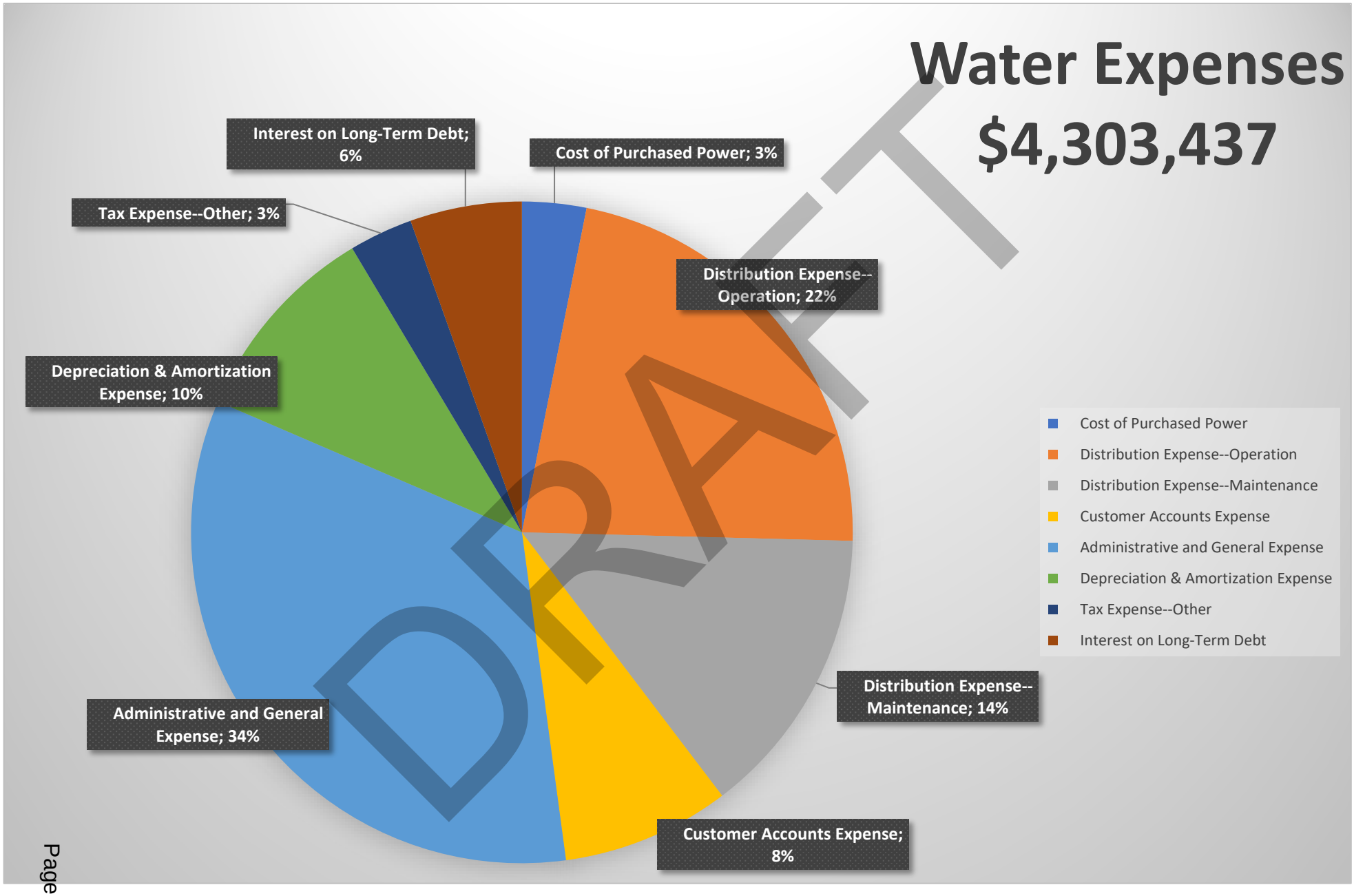
Water Expenses
$4,303,437
Interest on Long-Term Debt; 6%
Cost of Purchased Power; 3%
Tax Expense--Other; 3%
Distribution Expense--Operation; 22%
Depreciation & Amortization Expense; 10%
Administrative and General Expense; 34%
Distribution Expense--Maintenance; 14%
Customer Accounts Expense; 8%
Cost of Purchased Power
Distribution Expense--Operation
Distribution Expense--Maintenance
Customer Accounts Expense
Administrative and General Expense
Depreciation & Amortization Expense
Tax Expense--Other
Interest on Long-Term Debt
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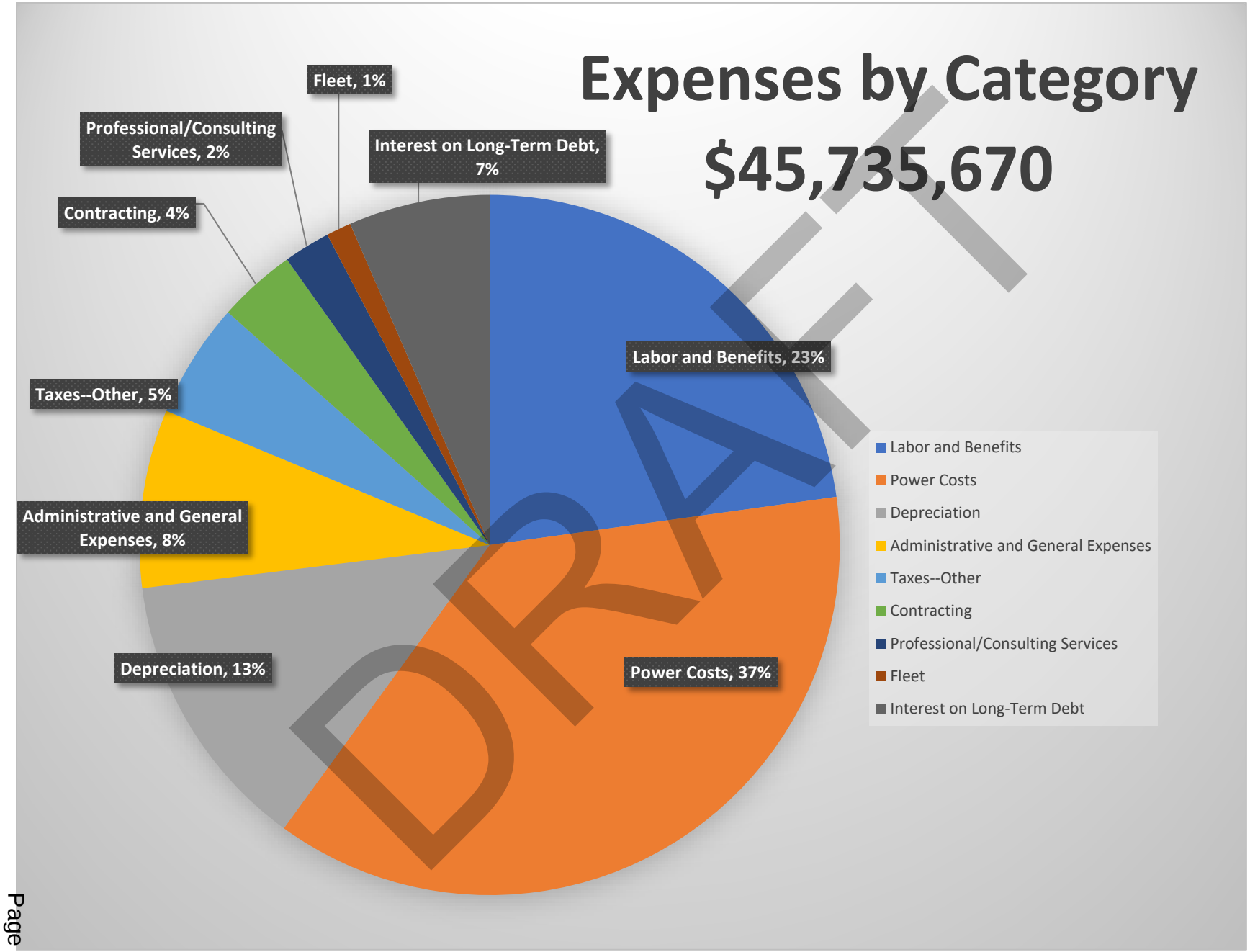
Expenses by Category
$45,735,670
Fleet, 1%
Professional/Consulting Services, 2%
Interest on Long-Term Debt, 7%
Contracting, 4%
Labor and Benefits, 23%
Taxes--Other, 5%
Administrative and General Expenses, 8%
Depreciation, 13%
Power Costs, 37%
Labor and Benefits
Power Costs
Depreciation
Administrative and General Expenses
Taxes--Other
Contracting
Professional/Consulting Services
Fleet
Interest on Long-Term Debt
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Combined Utility Expenses By Category

Expense Category	Amount	Percentage
Labor and Benefits	$10,225,399	22%
Power Costs	$16,856,911	37%
Depreciation	$5,976,833	13%
Administrative and General Expenses	$4,131,724	9%
Taxes--Other	$2,405,219	5%
Contracting	$1,651,842	4%
Professional/Consulting Services	$980,112	2%
Fleet	$550,900	1%
Interest on Long-Term Debt	$2,956,731	6%
Total	**$45,735,670**	**100%**

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Expense Allocation By Department

Department	Labor and Benefits	Administrative and General	Contracting	Professional and Consulting Services	Fleet	Total	Percentage
1 - Executive	$2,659,340	$1,724,880	$104,079	$818,045	$89,084	$5,395,428	30.76%
2 - Engineering	$351,781	$128,035	$23,531	$0	$10,294	$513,641	2.93%
3 - Water Operations	$657,234	$330,286	$65,303	$0	$219,469	$1,272,292	7.25%
4 - Finance	$471,590	$83,638	$2,030	$0	$0	$557,258	3.18%
5 - Information Technology	$417,788	$240,427	$1,375	$1,269	$62	$660,922	3.77%
6 - Human Resources	$0	$18,382	$687	$945	$0	$20,015	0.11%
7 - Resource Management	$197,214	$17,453	$687	$5,613	$40,302	$261,269	1.49%
8 - Sewer	$120,008	$41,322	$52,947	$2,053	$92,401	$308,732	1.76%
9 - Electrical Line Crew	$2,489,654	$453,881	$131,319	$16,069	$50,637	$3,141,559	17.91%
10 - Electrical Operations	$1,172,089	$715,704	$14,141	$0	$3,237	$1,905,170	10.86%
11 - Warehouse	$46,254	$29,614	$5,586	$0	$79	$81,532	0.46%
12 - Fleet	$9,663	$4,603	$687	$0	$0	$14,954	0.09%
13 - Contracting	$0	$5,742	$1,242,356	$37,931	$0	$1,286,029	7.33%
14 -Customer Service	$622,661	$81,837	$4,125	$18,345	$0	$726,968	4.14%
15 - Billing	$360,253	$30,229	$2,062	$0	$0	$392,544	2.24%
16 - Communications	$0	$15,257	$687	$19,907	$0	$35,851	0.20%
17 - Broadband	$649,869	$210,948	$239	$60,578	$45,336	$966,970	5.51%
Totals	$10,225,399	$4,132,238	$1,651,842	$980,755	$550,900	$17,541,134	

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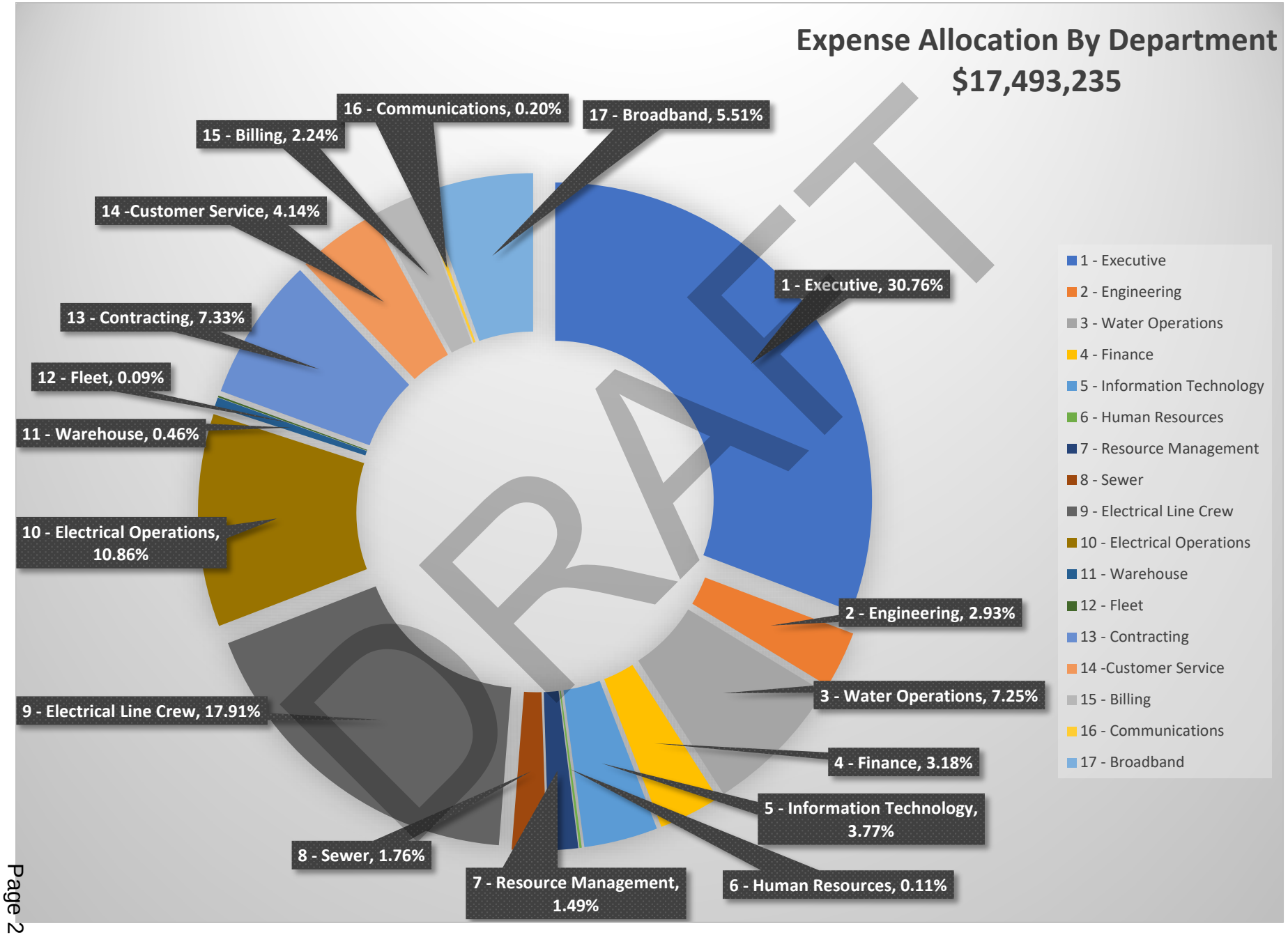
Expense Allocation By Department
$17,493,235
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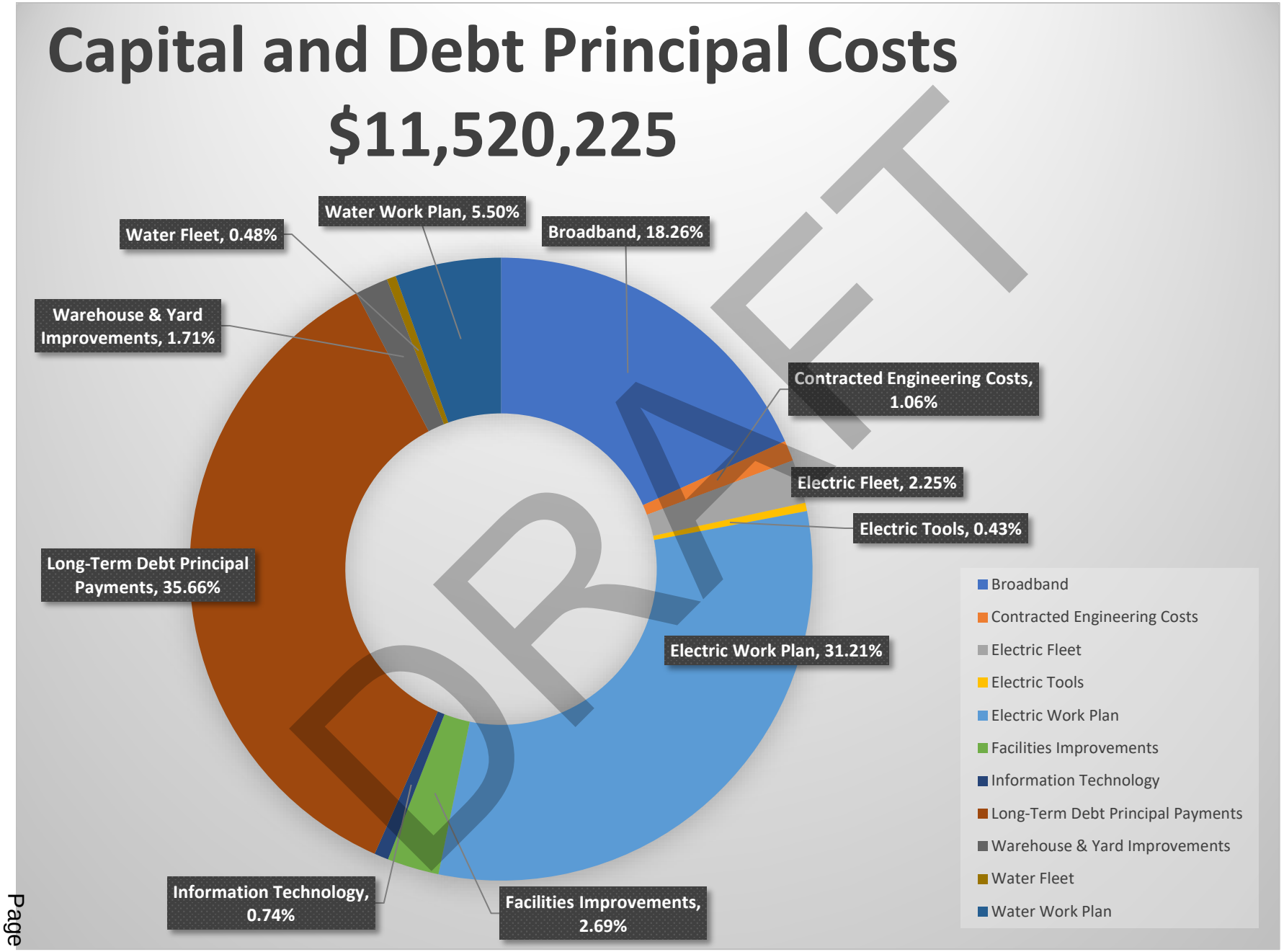
16 - Communications, 0.20%
17 - Broadband, 5.51%
15 - Billing, 2.24%
14 -Customer Service, 4.14%
1 - Executive, 30.76%
13 - Contracting, 7.33%
12 - Fleet, 0.09%
11 - Warehouse, 0.46%
10 - Electrical Operations, 10.86%
2 - Engineering, 2.93%
3 - Water Operations, 7.25%
9 - Electrical Line Crew, 17.91%
4 - Finance, 3.18%
5 - Information Technology, 3.77%
8 - Sewer, 1.76%
7 - Resource Management, 1.49%
6 - Human Resources, 0.11%
1 - Executive
2 - Engineering
3 - Water Operations
4 - Finance
5 - Information Technology
6 - Human Resources
7 - Resource Management
8 - Sewer
9 - Electrical Line Crew
10 - Electrical Operations
11 - Warehouse
12 - Fleet
13 - Contracting
14 -Customer Service
15 - Billing
16 - Communications
17 - Broadband


Capital and Debt Principal Costs
$11,520,225
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Water Work Plan, 5.50%
Broadband, 18.26%
Water Fleet, 0.48%
Warehouse & Yard Improvements, 1.71%
Contracted Engineering Costs, 1.06%
Electric Fleet, 2.25%
Electric Tools, 0.43%
Long-Term Debt Principal Payments, 35.66%
Electric Work Plan, 31.21%
Information Technology, 0.74%
Facilities Improvements, 2.69%
Broadband
Contracted Engineering Costs
Electric Fleet
Electric Tools
Electric Work Plan
Facilities Improvements
Information Technology
Long-Term Debt Principal Payments
Warehouse & Yard Improvements
Water Fleet
Water Work Plan

Capital and Debt Principal Costs By Category

Cost Group	Amount	Percentage
Broadband	$2,104,050	18.26%
Contracted Engineering Costs	$122,500	1.06%
Electric Fleet	$259,500	2.25%
Electric Tools	$50,000	0.43%
Electric Work Plan	$3,595,500	31.21%
Facilities Improvements	$310,000	2.69%
Information Technology	$85,000	0.74%
Long-Term Debt Principal Payments	$4,108,070	35.66%
Warehouse & Yard Improvements	$197,500	1.71%
Water Fleet	$55,000	0.48%
Water Work Plan	$633,105	5.50%
Total	**$11,520,225**	**100%**

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Electric 4 Year Work Plan Capital Costs

Item #	Description	Budget Amount	Triggers
101	UG Distribution Line Extensions	$340,000.00	1
102	OH Distribution Line Extensions	$135,000.00	1
103	New Subdivision	$50,000.00	
204-1	New Feeder out of PLSS--Construction	$200,000.00	
301	Convert Single Phase to Three Phase	$200,000.00	
303	Convert OH to UG 4 Locations	$0.00	
401-1	Port Ludlow Bay 2 Construction	$75,000.00	
501	Replace Aging Substation Equipment--Hastings	$135,000.00	
503	Replace/Install New Relays	$30,000.00	
505	SCADA System Substation Communications and Devices Upgrades	$40,000.00	
508	New Substation Transformer	$0.00	
601-1	Install new pole-mount Transformers to serve new customers. 10 per year	$30,000.00	
601-2	Install new pad-mount Transformers to serve new customers. 15 per year	$40,000.00	
601-3	Transformer replacement of aging units. 60 per year	$120,000.00	
604-1	Install four new Three-Phase distribution line reclosers	$50,000.00	
605-1	Install new line regulators	$75,000.00	
605-2	Regulator replacement of aging units	$50,000.00	
607	Pole Replacements. 20 per year	$130,000.00	
608	Replace Aging Conductors	$150,500.00	
608-1	Install Single Phase 15kv 1/0 Distribution Line	$100,000.00	
610	Wildlife Protection. X sites	$25,000.00	
701	Security and Street Lighting	$10,000.00	
703	SCADA System Distribution Line Devices Communications and Control Upgrades	$25,000.00	
705-1	Meter Replacement Project	$1,500,000.00	2
1001	Move Transmission Poles for Easements	$60,000.00	
1201	Fiber Line Extensions	$0.00	
1301	Fuel Tanks	$0.00	
1302	Fencing	$25,000.00	3
		$3,595,500	

Triggers:

1. The PUD does receive Aid to Construction from Custers installing new services or upgrading their current service.
2. The PUD could possibily borrow money to offset the cost of a meter replacement. This would allow the cost to be paid for over a longer period of time and not just by current customers.
3. This is a project that we could wait until late Summer or early Fall depending on how actual revenues compare to budget revenues.

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2022 Water Capital Project Costs

Description	Budget Amount	Triggers
Snow Creek Wellhouse Replacement	$233,105.30	
Well pump and motor replacement	$35,000.00	1
Well cleaning	$10,000.00	
Distribution pipe replacement	$100,000.00	
Bulk Water Sales - system software and set-up device location	$20,000.00	
Transducers	$10,000.00	
Reynolds well replacement	$195,000.00	
Water Service Repairs	$20,000.00	
Wastewater system improvements	$10,000.00	
Total Water Capital Costs	**$633,105**	

Triggers:

1. This is a project that we could wait until late Summer or early Fall depending on how actual revenues compare to budget revenues.

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2022 Broadband Capital Costs

Description	Budget Amount	Triggers
Fiber Upgrades--2 Central Offices	$90,000	
Electrical Work and Batteries	$60,000	
PON Router & Switching Equipment	$58,000	
Fiber Frame and Patch Panels	$50,000	
Generator for 2 Central Offices	$60,000	
Splitters	$38,990	
Customer Electronics	$445,600	
Underground Fiber	$903,500	
Overhead Fiber	$292,950	
Electronics	$105,010	
Total Broadband Capital Costs	**$2,104,050**	**1,2**

Triggers:

1. The PUD will not move forward with some Broadband Projectes until we have received grant approval.

2. Dollars not spent on Broadband Projects will remain in Cash Reserves to be used for other projects or matching funds for grants.

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2022 Facilities Improvements

Description	Budget Amount	Triggers
New roof for section of old building as discussed.	$230,000.00	1
Work on new storm water area on parcel 001333013	$60,000.00	2
Paint triple wide at 310 and 210 Four Corners Road. Inspect roofs	$20,000.00	3
Total Facilities Improvements Capital Costs	**$310,000**	

Triggers:

1. If actual revenues are greater than budgeted revenues at the end of May, the PUD could move forward with the roof replacement.

2. If the PUD moves forward with developing the parcel 001333013 then we look at a new storm water area.

3. We will review cash reserves at the end of June and if they are looking good, then we can move forward with the painting of the triple wide trailers and inspecting the roofs. It is possible that we only do one trailer in 2022.

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2022 Warehouse and Yard Improvements Capital Costs

Description	Budget Amount	Triggers
Log, clear area at 310 Four Corners for new fiber lay yard. Costs are from fencing and County requirements.	$130,000.00	1,2
Install utility pole bunks between the asphalt road and storm water drainage pond.	$30,000.00	
Install concrete base around PUD oil storage facility in the open shed.	$30,000.00	3
Install fencing around Oil containment with two 8' gates.	$7,500.00	3
Total Warehouse and Yard Capital Costs	**$197,500**	

Triggers:

1. The PUD will receive all or a portion of the proceeds from the sale of the timber harvested from the logging operations.

2. If the PUD receives approval for Broadband grants, we will proceed with the clearing of logs to make way for a fiber lay yard.

3. We will wait until summer and review cash reserves before moving forward with installing the concrete base and fencing around oil containment area.

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2022 Information Technology Capital Costs

Description	Budget Amount
Network Switches for New Building	$25,000
HR Software	$60,000
Total IT Capital Costs	**$85,000**

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2022 Electric Fleet Capital Costs

Description	Budget Amount		Triggers
Electric Vehicle	$58,000.00		1
Electric Vehicle Charging Station	$6,500.00		2
Wire Reel Trailer	$15,000.00	On order	3
Wire Reel Trailer	$15,000.00	On order	3
Wire Reel Trailer	$15,000.00	On order	3
Broadband Vehicle	$50,000.00		4
Broadband Vehicle	$50,000.00		4
Broadband Vehicle	$50,000.00		4
Total Electric Fleet Capital Costs	**$259,500**		

Triggers:

1. The cost of an electric vehicle could be less than budgeted based on State Contract. We will review by April 2022 after 1st Quarter Revenues are in.

2. The electric charging station will be purchsed if we move forward with the purchase of an electric vehicle.

3. The wire reel trailers were ordered in 2021 to be delivered in Spring 2022. This was due to the lead times of the manufacturer.

4. The Broadband Vehicles will be reviewed in April 2022 based on grant receieved and reserve levels.

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2022 Water Fleet Capital Costs

Description	Budget Amount	Triggers
Vehicle--Sewer	$55,000	1
Total Water Fleet Capital Costs	**$55,000**	

Triggers:

1. The cost of an electric vehicle could be less than budgeted based on State Contract. We will review by April 2022 after 1st Quarter Revenues

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2022 Electric Tools

Description	Budget Amount	Triggers
Tools	$50,000	1
Total Electric Tools & PPE Capital Costs	**$50,000**	

Triggers:

1. Tool requests will be reviewed and approved by Management before purchases are made.

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2022 Contracted Engineering Capital Costs

Description	Budget Amount	Triggers
Contracted Electric Engineering	$25,000.00	1
Consolidation Study	$67,500.00	1
Contract Water Engineering	$30,000.00	1
Total Contracted Engineering Capital Costs	**$122,500**	

Triggers:

1. Before contrating outside engineering, we will do as much as we can in-house. Use of outside contractors for engineering will be dependent on projects moving forward.

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Change in Capital Projects
Cost Reductions from 9/6/2021 to 9/14/2021

Project Name	9/6/2021 Presentation	9/14/2021 Presentation	Change
Electric Work Plan	$5,055,500	$3,595,500	($1,460,000)
Water Work Plan	$609,500	$633,105	$23,605
Broadband	$675,000	$2,104,050	$1,429,050
Facilities Improvements	$310,000	$310,000	$0
Warehouse & Yard Improvements	$197,500	$197,500	$0
Information Technology	$25,000	$85,000	$60,000
Electric Fleet	$499,500	$259,500	($240,000)
Water Fleet	$55,000	$55,000	$0
Electric Tools and PPE	$90,000	$50,000	($40,000)
Contracted Engineering Costs	$100,000	$122,500	$22,500
	$7,617,000	**$7,412,155**	**($204,845)**

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Capital and Maintenance Projects

Item/Project	Cost	Payment Source
Materials Purchased for Electric	$1,363,937	Cash Reserves
Broadband	$12,500,000	Grants
Quilcene Water Tank	$2,019,427	PWB Loan
Shine Plat LUD	$480,468	DWSRF Loan and LUD Payments
Shine Plat LUD	$90,000	Cash Reserves
Broadband	$2,104,050	Cash Reserves
Contracted Engineering Costs	$122,500	Cash Reserves
Electric Fleet	$259,500	Cash Reserves
Electric Tools	$50,000	Cash Reserves
Electric Work Plan	$3,595,500	Cash Reserves
Facilities Improvements	$310,000	Cash Reserves
Information Technology	$85,000	Cash Reserves
Warehouse & Yard Improvements	$197,500	Cash Reserves
Water Fleet	$55,000	Cash Reserves
New Building Purchase	$1,750,000	Cash Reserves
	$24,982,882	
Loans	$2,499,895	
Grants	$12,500,000	
Cash Reserves	$9,982,987	
	$24,982,882	

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2022 Cash Summary

Cash-Operating Depository	$	763,276
Cash-Jeff Co Treasurer General		127,433
Cash-Payroll Clearing-1st Security Payroll Clearing		15
Working Funds		2,000
Cash-1996 Bond LUD #6		27,027
Cash-1996 Bond LUD #8		8,697
Temp Invest JeffCo Treasurer Gen		2,840,689
Tax Revenue Fund		4,068,720
Tax Revenue Fund Investment		1,925,000
Operating Account - Jefferson Co. Treasurer	$	2,018,552
2021 Ending Unrestricted Cash	$	11,781,409
2022 Net Cash Outflow		(5,623,655)
2022 Ending Unrestricted Cash	$	6,157,754

Restricted Cash

Other Special Funds	$	250
Tri Area Bond Reserve		(10)
Tri Area Bond Investment		164,827
Capital Reserves		100,000
Cash-2009 Bond LUD #14		(2,486)
Cash-2008 Bond LUD #15		(21)
LUD #14 Bond Investment		1,059,162
LUD #15 Bond Investment		313,006
2021 Ending Restricted Cash	$	1,634,728

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2022 Cash Summary
Change in Cash Position

	9/6/21 Presentation	9/14/21 Presentation	Change
Cash-Operating Depository	$ 763,276	$ 763,276	$ -
Cash-Jeff Co Treasurer General	127,433	$ 127,433	$ -
Cash-Payroll Clearing-1st Security Payroll Clearing	15	$ 15	$ -
Working Funds	2,000	$ 2,000	$ -
Cash-1996 Bond LUD #6	27,027	$ 27,027	$ -
Cash-1996 Bond LUD #8	8,697	$ 8,697	$ -
Temp Invest JeffCo Treasurer Gen	2,840,689	$ 2,840,689	$ -
Tax Revenue Fund	4,068,720	$ 4,068,720	$ -
Tax Revenue Fund Investment	1,925,000	$ 1,925,000	$ -
RUS Bond Fund	$ 2,018,552	$ 2,018,552	$ -
2021 Ending Unrestricted Cash	$11,781,409	$11,781,409	$ -
2022 Net Cash Outflow	(5,663,072)	(5,623,655)	39,417
2022 Ending Unrestricted Cash	$ 6,118,337	$ 6,157,754	$ 39,417
Restricted Cash			
Other Special Funds	$ 250	$ 250	$ -
Tri Area Bond Reserve	$ (10)	$ (10)	$ -
Tri Area Bond Investment	$ 164,827	$ 164,827	$ -
Capital Reserves	$ 100,000	$ 100,000	$ -
Cash-2009 Bond LUD #14	$ (2,486)	$ (2,486)	$ -
Cash-2008 Bond LUD #15	$ (21)	$ (21)	$ -
LUD #14 Bond Investment	$ 1,059,162	$ 1,059,162	$ -
LUD #15 Bond Investment	$ 313,006	$ 313,006	$ -
2022 Ending Restricted Cash	$ 1,634,728	$ 1,634,728	$ -

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