



TUID 2023 year in review

John Motley TUID GM

Agenda



Electric/ Power Plant
Narrative



2023 Fuel



2023 Water



2023 Solid Waste-
Sewer



2024 Needs and
Focus- Strategic
Planning



Electric and Power Plant



- Replacement MQ generator purchased and put into service for off season fuel savings
- Continued work on C9 generators communications and electronics- No date on new C9 breakers ETA ordered 11/23
- Revised method of running C9s to cut down on communication errors and frequent “switching of units” that caused more starts, wear and fuel use.
- No major outages or issues, one unplanned 5 minute “brown out” due to MQ being overloaded and C9 generator taking over production during lower-than-normal temps and increased KWH demand.
- Total fuel use for 2023 calculated at 7.5 GPH, down from 22 due to MQ in service longer and new method of synching machines to cut down on “switching” during 500hr run intervals.
- Alternative/sustainable energy production in process and discussions including C2C and private company’s
- C9s oil samples being re-tested to further evaluate and verify #2 previous test.

2023 and 2022 Fuel Purchase/Price/gallon comparison

2022					2023				
Provider	Date	Gallons	Price	Total	Provider	Date	Gallons	Price	Total
Offen	2/10/2022	6910	\$ 3.04	\$ 21,038.49	Pierce	1/30/2023	6810	\$ 3.70	\$ 25,289.26
Pierce	2/28/2022	12068	\$ 3.33	\$ 40,416.25	Offen	2/27/2023	7079	\$ 3.52	\$ 25,049.38
Offen	5/1/2022	6994	\$ 4.38	\$ 30,718.65	Offen	4/13/2023	7600	\$ 3.38	\$ 25,832.76
Offen	6/8/2022	6758	\$ 4.90	\$ 33,213.16	Pierce	5/22/2023	8000	\$ 3.27	\$ 26,312.37
Pierce	7/26/2022	6997	\$ 3.94	\$ 27,631.45	Pierce	6/29/2023	7373	\$ 2.98	\$ 22,082.47
Pierce	9/2/2022	5001	\$ 4.18	\$ 24,691.12	Pierce	7/27/2023	7500	\$ 3.30	\$ 24,892.85
Offen	9/19/2022	6945	\$ 3.95	\$ 27,499.72	Pierce	8/24/2023	7379	\$ 4.35	\$ 32,239.19
Pierce	10/21/2022	7000	\$ 4.57	\$ 32,123.30	Pierce	9/27/2023	7500	\$ 4.12	\$ 30,967.85
Pierce	12/15/2022	7600	\$ 3.30	\$ 25,224.73	Pierce	11/2/2023	7502	\$ 3.99	\$ 29,925.83
					Pierce	12/10/2023	6788	\$ 3.00	\$ 20,457.01
		66273	\$ 3.95	\$ 262,556.87			73531	\$ 3.56	\$ 263,048.97

- Fuel averaged .38 cents a gallon less in 23 vs 22

- 7k more gallons purchased in 2023 vs 22

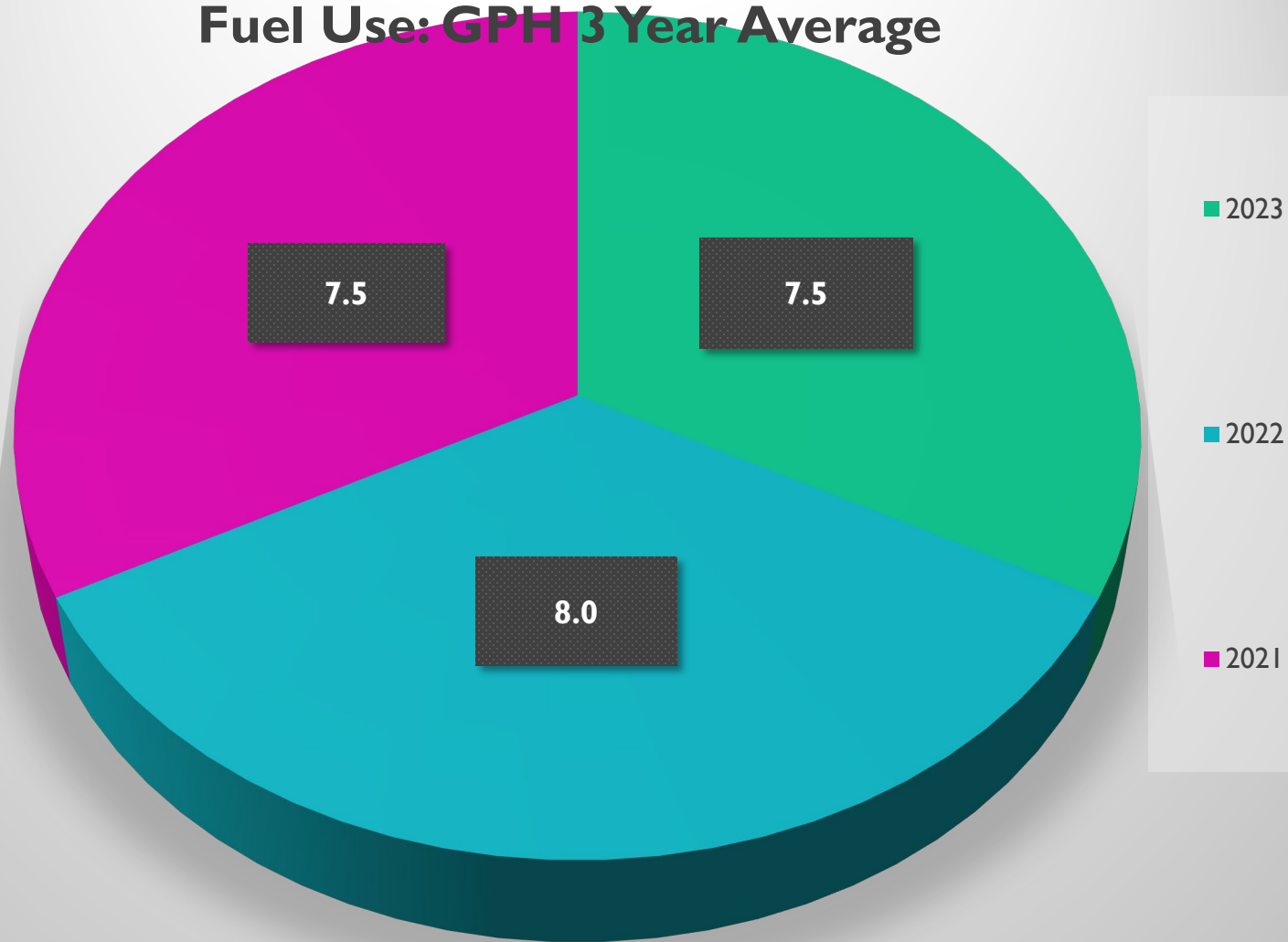
- 526,176 KWH sold in 2023 for \$500,386.89

- 7,890 gallons on hand currently.

- Next fuel bids in approximately 1 week for purchase

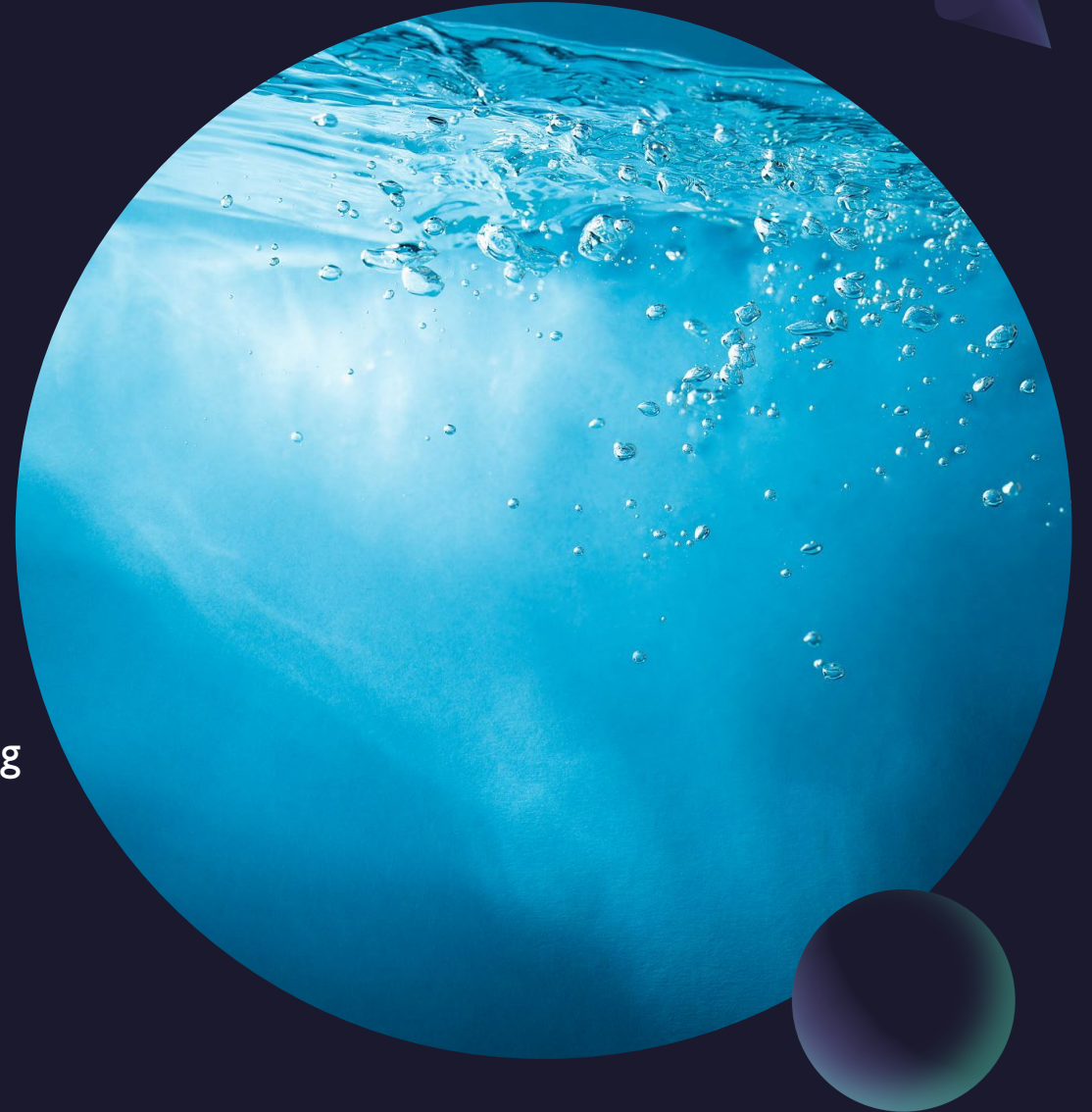
- MQ has averaged around 5.65 GPH fuel usage

Fuel Use: GPH 3 Year Average



Water

- ✓ No drinking water violations in 2023
 - ✓ 2023 CCR in progress
 - ✓ Revolving water tests for radon completed
 - ✓ Lead line inventory underway per new 2024 requirements
 - ✓ 7 million gallons sold in 2023- 8.5 mil gallons pumped
 - ✓ Repairing Well #2 Solar Power is a Top Priority and is in process
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- ✓ 2022- 10 mil gallons pumped 8 million sold
 - ✓ 2021- 12 mil gallons pumped 9 million sold
 - ✓ Fire hydrant and water cut-off deferred maintenance/exercising is a top priority



Solid Waste and Sewer

- No significant issues in 2023
- Flushing and preventative maintenance continues
- Annual Lagoon cleaning and burning scheduled



2024 Strategic operational planning and goals



- Explore alternative energy microgrid options from purchase to PPA agreements
- Rebuild 1-2 of the C9 CAT Generators that are due for rebuild
- Continue cleaning and organizing physical facilities
- Continue certifications and education that benefit the Ticaboo Township and TUID specifically for present and future
- Continue to build reserve funds for unexpected emergencies
- Build productive relationships in the community and with partners
- Transition TUID accounting to in house Quick Books for more timely financials
- Build on the financial success of the 9 months of 2023 and continue to be profitable and cost conscious
- Plan for future upgrades and maintenance and be able to fund those for uninterrupted services to the public and community

Summary

- 2023 was a year of transition, situational learning and overall financial and operational success for the TUID team. The board and management team worked together in an efficient business manner to provide positive, immediate, sustainable results and delivered the services expected in professional uninterrupted fashion.
- Positive operational and financial results achieved.

