

May 19, 2023

To: The Honorable Mayor and City Council  
From: James E. Mills, City Comptroller  
Subject: Hydro-Electric Facility Data

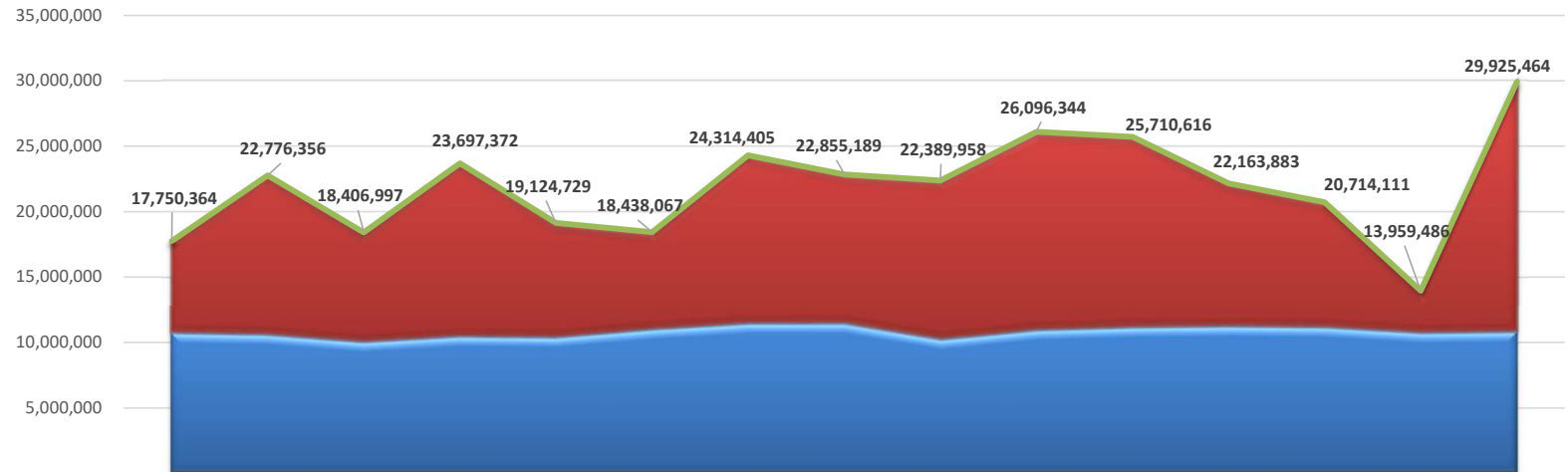
The following information was prepared at the request of Council Member Hickey relative the City's hydro-electric facility.

1. Power Purchase Agreement Rates
2. Electricity Generated and Used/Sold
3. Revenue from Sale of Hydro-Electricity

Power Purchase Agreement rates

<u>Year</u>	<u>Cents / KWH</u>	<u>% increase</u>
1990	\$ 0.0431	
1991	\$ 0.0451	4.64%
1992	\$ 0.0614	36.14%
1993	\$ 0.0655	6.68%
1994	\$ 0.0695	6.11%
1995	\$ 0.0741	6.62%
1996	\$ 0.0858	15.79%
1997	\$ 0.0893	4.08%
1998	\$ 0.0932	4.37%
1999	\$ 0.0970	4.08%
2000	\$ 0.1011	4.23%
2001	\$ 0.1055	4.35%
2002	\$ 0.1101	4.36%
2003	\$ 0.1149	4.36%
2004	\$ 0.1199	4.35%
2005	\$ 0.1251	4.34%
2006	\$ 0.1306	4.40%
2007	\$ 0.1362	4.29%
2008	\$ 0.1422	4.41%
2009	\$ 0.1484	4.36%
2010	\$ 0.1549	4.38%
2011	\$ 0.1616	4.33%
2012	\$ 0.1686	4.33%
2013	\$ 0.1759	4.33%
2014	\$ 0.1836	4.38%
2015	\$ 0.1916	4.36%
2016	\$ 0.1999	4.33%
2017	\$ 0.2086	4.35%
2018	\$ 0.2177	4.36%
2019	\$ 0.2272	4.36%
2020	\$ 0.2371	4.36%
2021	\$ 0.2474	4.34%
2022	\$ 0.2582	4.37%
2023	\$ 0.2694	4.34%
2024	\$ 0.2811	4.34%
2025	\$ 0.2933	4.34%
2026	\$ 0.3061	4.36%
2027	\$ 0.3194	4.34%
2028	\$ 0.3333	4.35%
2029	\$ 0.3478	4.35%

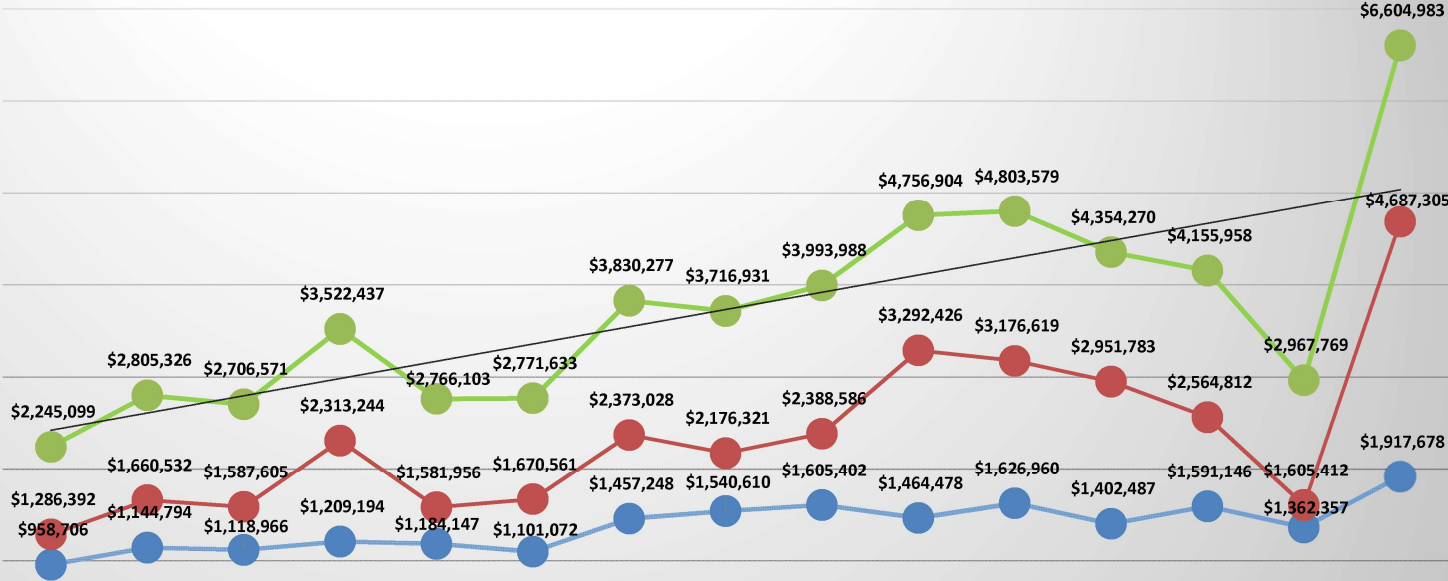
## Electricity Generated and Used/Sold



	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Electricity Purchased by National Grid (kwh)	7,000,967	12,172,381	8,361,504	13,213,710	8,718,454	7,431,656	12,856,654	11,400,882	12,154,988	15,146,464	14,543,239	10,917,712	9,546,106	3,223,040	19,099,376
Electricity Consumed by City (kwh)	10,749,397	10,603,975	10,045,493	10,483,662	10,406,275	11,006,411	11,457,751	11,454,308	10,234,970	10,949,880	11,167,377	11,246,172	11,168,005	10,736,446	10,826,088
Plant Generation (kwh)	17,750,364	22,776,356	18,406,997	23,697,372	19,124,729	18,438,067	24,314,405	22,855,189	22,389,958	26,096,344	25,710,616	22,163,883	20,714,111	13,959,486	29,925,464

■ Electricity Consumed by City (kwh)
 ■ Electricity Purchased by National Grid (kwh)
 ■ Plant Generation (kwh)

Revenue from the Sale of Hydro-Electricity



	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Revenue from Sale of Hydro-electricity to Water/Sewer Funds	\$958,706	\$1,144,794	\$1,118,966	\$1,209,194	\$1,184,147	\$1,101,072	\$1,457,248	\$1,540,610	\$1,605,402	\$1,464,478	\$1,626,960	\$1,402,487	\$1,591,146	\$1,362,357	\$1,917,678
Revenue from Sale of Hydro-electricity to National Grid	\$1,286,392	\$1,660,532	\$1,587,605	\$2,313,244	\$1,581,956	\$1,670,561	\$2,373,028	\$2,176,321	\$2,388,586	\$3,292,426	\$3,176,619	\$2,951,783	\$2,564,812	\$1,605,412	\$4,687,305
Total Revenue from Sale of Hydro-electricity	\$2,245,099	\$2,805,326	\$2,706,571	\$3,522,437	\$2,766,103	\$2,771,633	\$3,830,277	\$3,716,931	\$3,993,988	\$4,756,904	\$4,803,579	\$4,354,270	\$4,155,958	\$2,967,769	\$6,604,983

Revenue from Sale of Hydro-electricity to Water/Sewer Funds    Revenue from Sale of Hydro-electricity to National Grid    Total Revenue from Sale of Hydro-electricity    Linear (Total Revenue from Sale of Hydro-electricity)