

# Electric Volume Forecast FY 2018



# Topics for Discussion

- **Customers by Class**
- **MWh Sales**
- **DME Peak Load**
- **Average Annual MWh by Rate Class**
- **Reserves**

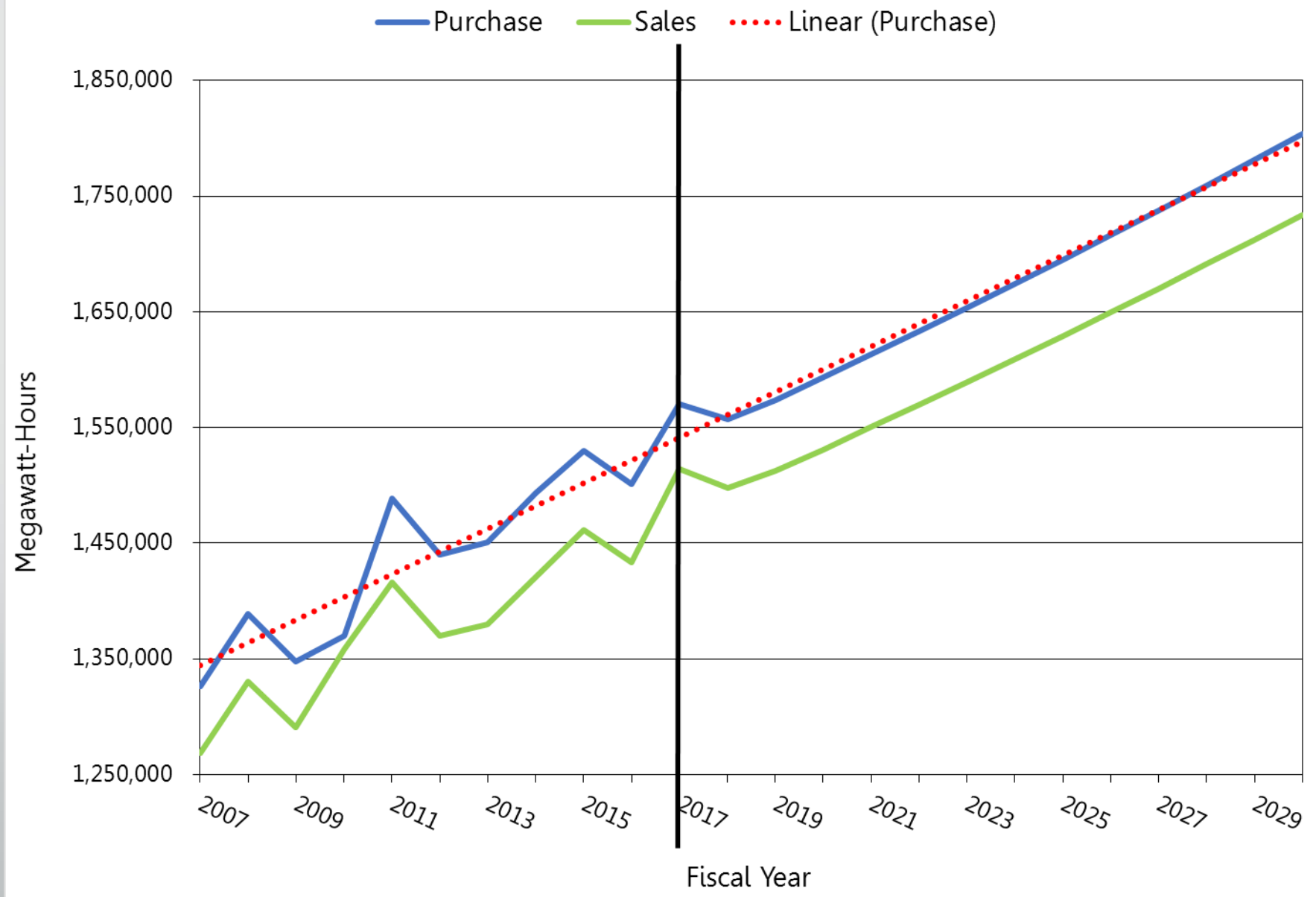
# Annual Electric Customers by Class

Fiscal Year	Residential		Commercial		Industrial		Other		Total	
<b>2010</b>	39,819	-0.2%	4,734	1.8%	121	1.7%	499	3.5%	45,173	0.0%
<b>2011</b>	40,846	2.6%	4,846	2.4%	124	2.5%	426	-14.6%	46,242	2.4%
<b>2012</b>	42,054	3.0%	4,947	2.1%	124	0.0%	438	2.8%	47,563	2.9%
<b>2013</b>	43,572	3.6%	5,126	3.6%	127	2.4%	439	0.2%	49,264	3.6%
<b>2014</b>	44,241	1.5%	5,255	2.5%	127	0.0%	498	13.4%	50,121	1.7%
<b>2015</b>	44,203	-0.1%	5,130	-2.4%	124	-2.4%	602	20.9%	50,059	-0.1%
<b>2016</b>	45,163	2.2%	5,216	1.7%	135	8.9%	572	-5.0%	51,086	2.1%
<b>2017</b>	46,038	1.9%	5,343	2.4%	129	-4.4%	461	-19.4%	51,971	1.7%
<b>2018</b>	46,864	1.8%	5,439	1.8%	131	1.8%	469	1.8%	52,904	1.8%
<b>2019</b>	47,539	1.4%	5,517	1.4%	133	1.4%	476	1.4%	53,665	1.4%
<b>2020</b>	48,194	1.4%	5,593	1.4%	135	1.4%	483	1.4%	54,405	1.4%
<b>2021</b>	49,004	1.7%	5,687	1.7%	137	1.7%	491	1.7%	55,319	1.7%
<b>2022</b>	49,790	1.6%	5,778	1.6%	140	1.6%	499	1.6%	56,207	1.6%
<b>2023</b>	50,577	1.6%	5,870	1.6%	142	1.6%	506	1.6%	57,095	1.6%
<b>2024</b>	51,354	1.5%	5,960	1.5%	144	1.5%	514	1.5%	57,972	1.5%
<b>2025</b>	52,153	1.6%	6,053	1.6%	146	1.6%	522	1.6%	58,874	1.6%

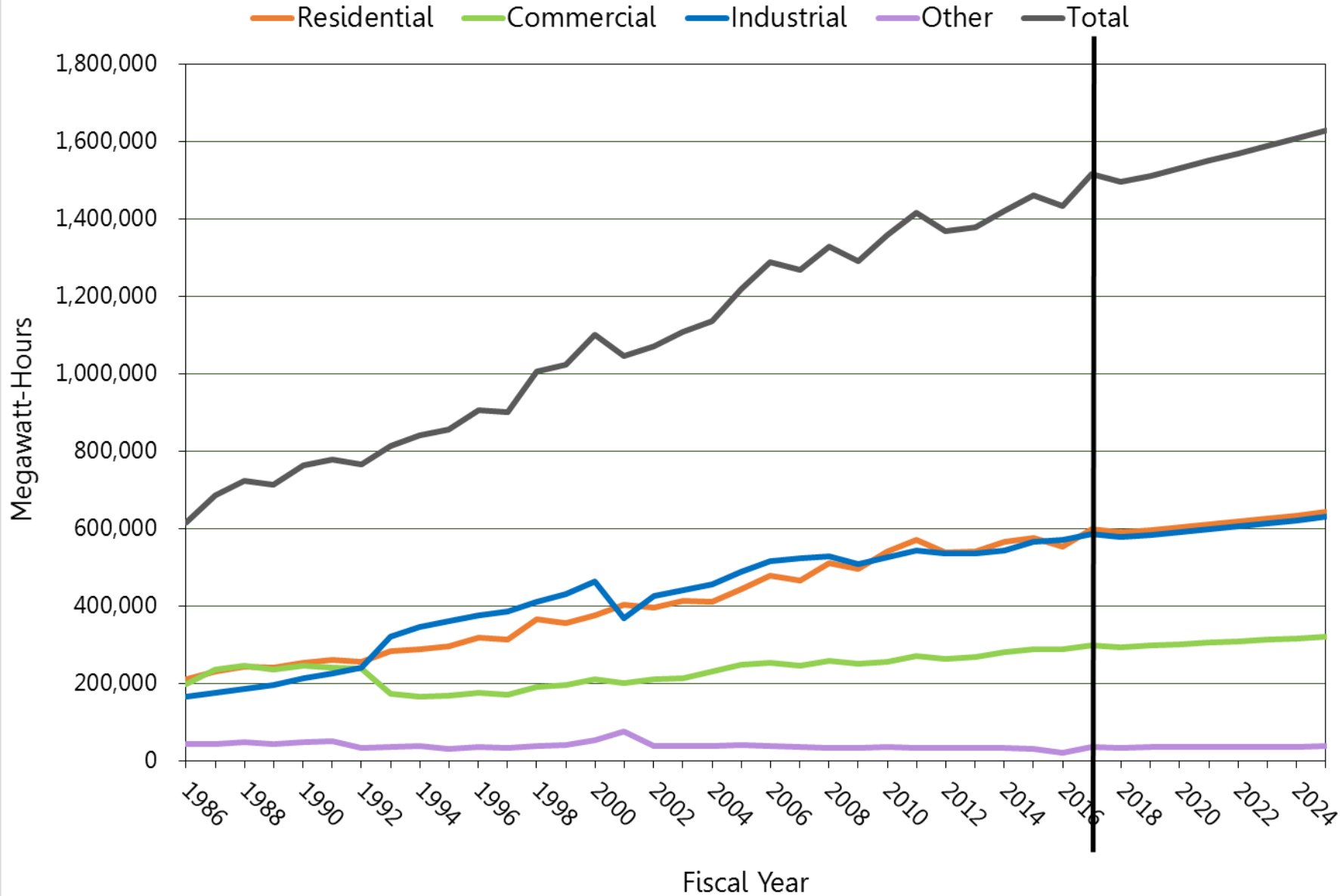
# Annual MWh Sales

Fiscal Year	Peak MW		Residential		Commercial		Industrial		Other		Total	
<b>2010</b>	339	7%	541,324	9%	256,435	2%	525,479	3%	35,167	6%	1,358,405	5.25%
<b>2011</b>	350	3%	569,711	5%	269,986	5%	544,448	4%	32,133	-9%	1,416,278	4.26%
<b>2012</b>	341	-3%	537,631	-6%	263,474	-2%	535,160	-2%	33,418	4%	1,369,683	-3.29%
<b>2013</b>	342	0%	541,109	1%	268,237	2%	535,984	0%	34,078	2%	1,379,407	0.71%
<b>2014</b>	336	-2%	565,587	5%	279,720	4%	542,806	1%	32,945	-3%	1,421,058	3.02%
<b>2015</b>	347	3%	576,810	2%	287,468	3%	565,632	4%	31,496	-4%	1,461,406	2.84%
<b>2016</b>	349	1%	552,695	-4%	289,030	1%	570,668	1%	20,924	-34%	1,433,317	-1.92%
<b>2017</b>	376	8%	597,904	8%	297,980	3%	586,317	3%	34,721	66%	1,516,922	5.83%
<b>2018</b>	368	-2%	590,207	-1%	294,144	-1%	578,769	-1%	34,274	-1%	1,497,394	-1.29%
<b>2019</b>	377	2%	596,039	1%	297,050	1%	584,488	1%	34,613	1%	1,512,189	0.99%
<b>2020</b>	387	3%	603,489	1%	300,763	1%	591,794	1%	35,045	1%	1,531,091	1.25%
<b>2021</b>	397	3%	611,033	1%	304,523	1%	599,191	1%	35,483	1%	1,550,230	1.25%
<b>2022</b>	408	3%	618,671	1%	308,329	1%	606,681	1%	35,927	1%	1,569,608	1.25%
<b>2023</b>	419	3%	626,404	1%	312,184	1%	614,265	1%	36,376	1%	1,589,228	1.25%
<b>2024</b>	430	3%	634,234	1%	316,086	1%	621,943	1%	36,831	1%	1,609,093	1.25%
<b>2025</b>	441	3%	642,162	1%	320,037	1%	629,717	1%	37,291	1%	1,629,207	1.25%

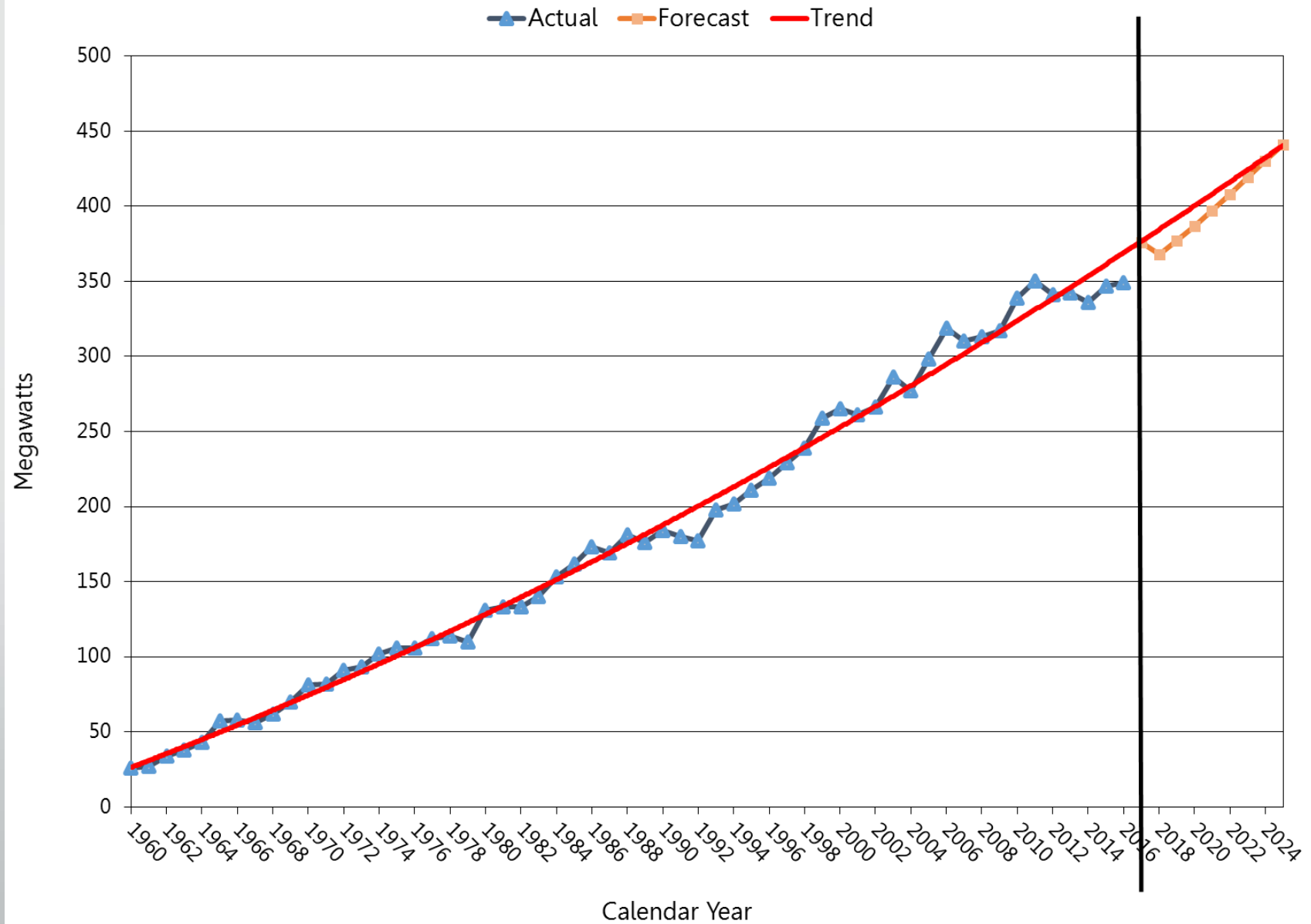
# Annual MWh Purchases vs Sales



# Annual MWh Sales

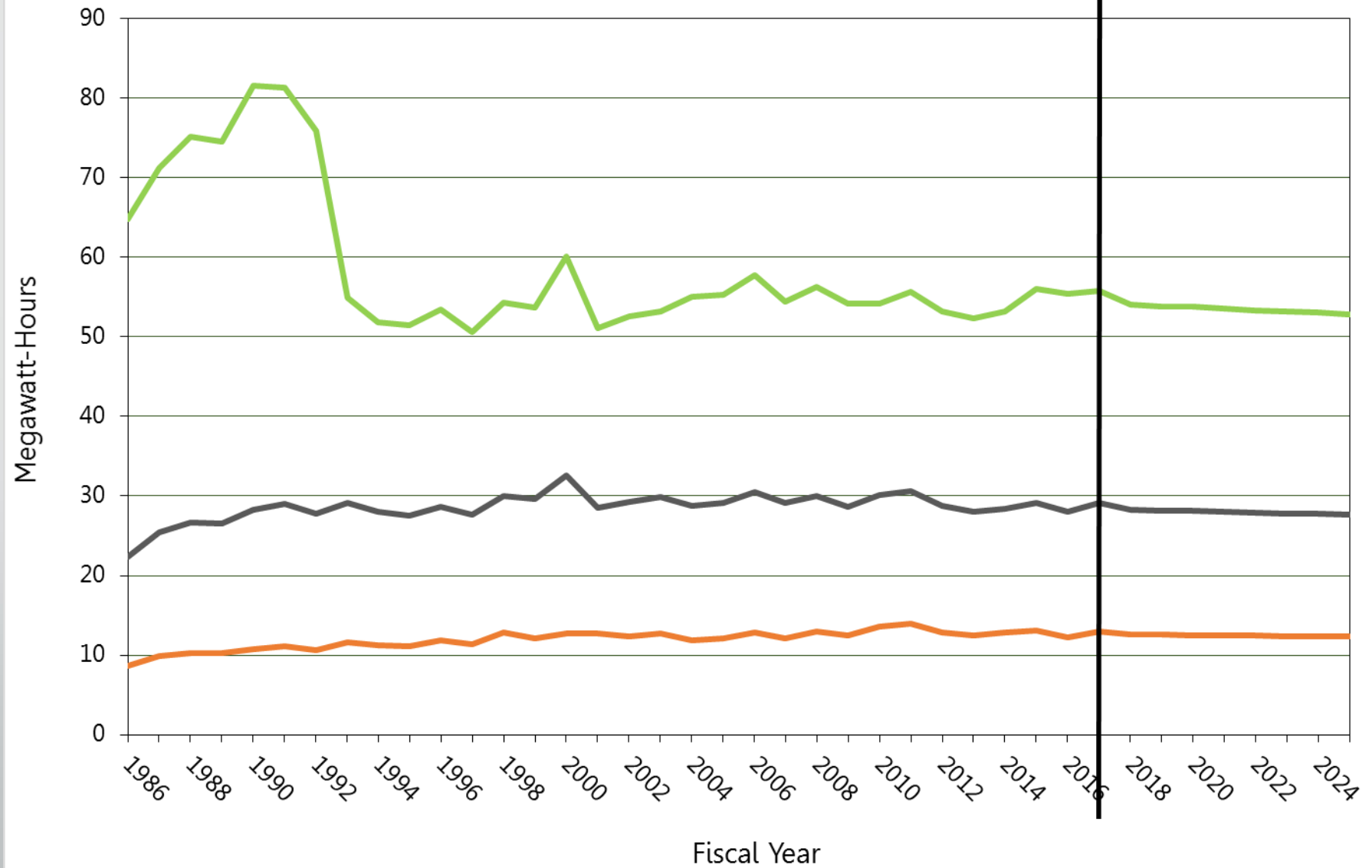


# DME Peak Loads and Trend



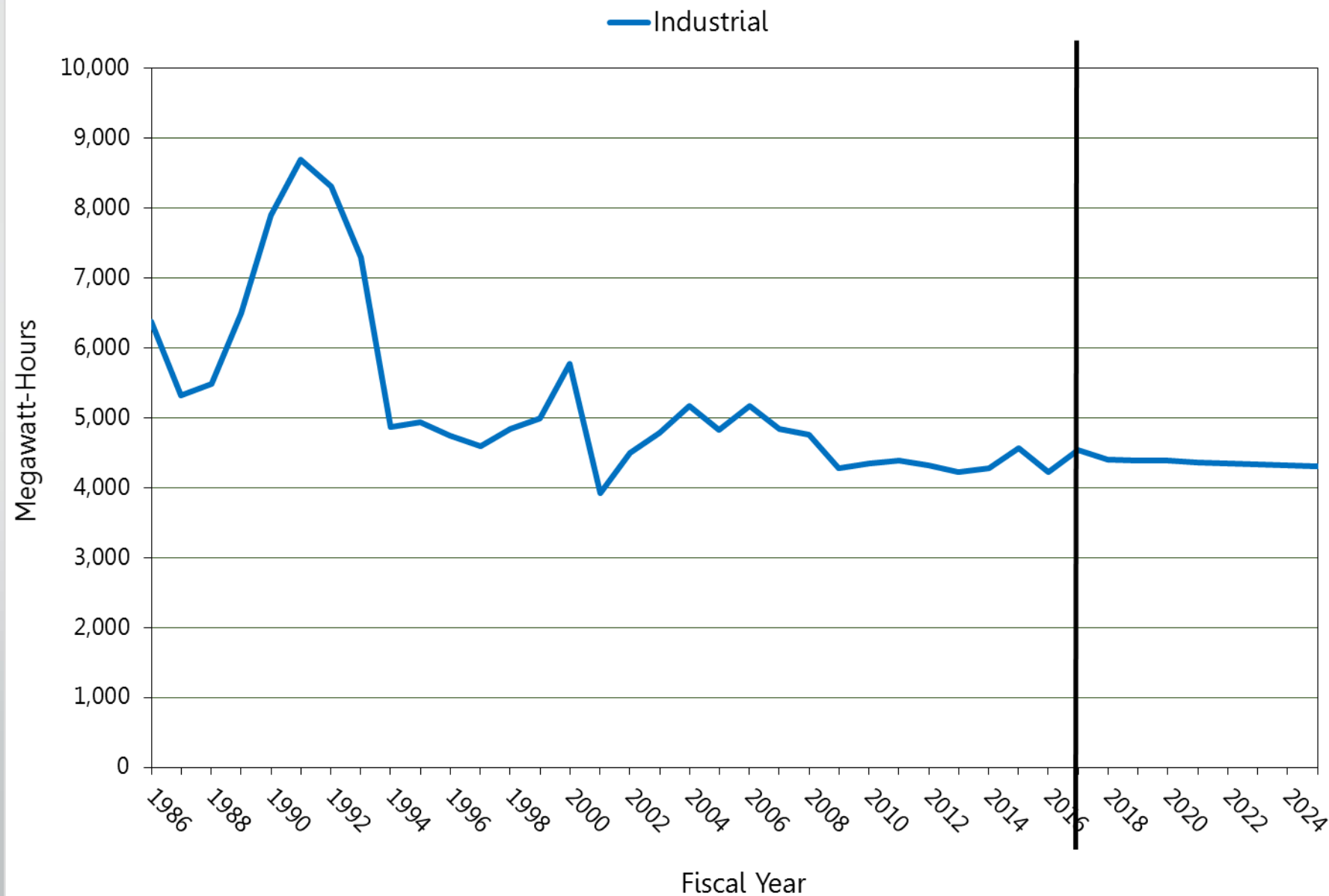
# Average Annual MWh Sales

Residential Commercial Total





# Average Annual MWh Sales



# Reserves

	<b>Electric*</b>
<b>Working Capital</b>	<b>8%</b>
<b>Operating Reserves</b>	<b>8-12%</b>
<b>Total</b>	<b>16-20%</b>
<b>Operating Days</b>	<b>(60-75 days)</b>

- **Working capital ("WC") provides liquidity for payables and payment cycles. Funds above this level are applied to the operating reserve.**
- **Operating reserves ("OR") help managing expense and demand volatility, cover emergencies, and improve overall resiliency. In general, Funds with more stable revenue collection can consider lower OR targets.**
- **As outlined in the Utilities Financial Strategies, Funds above operating reserves may be used for debt reduction payments, one-time capital expenses, capital funding using cash, or various rate increase mitigation strategies.**

**\*does not include Texas Municipal Power Agency (TMPA) Debt payments**

