



To: Honorable President and Members of the Public Utilities Board

From: Nicolas Procos, General Manager

Re: General Manager's Report – June, 2020

PUB Highlights

➤ **Economic Development Highlights –**

- **Marina Village:** Local Capital Group/Marina Village has received strong interest from prospective tenants for all three of the available Shipway sites (Shipway 1, 2, and 4). AMP is performing an engineering study for power upgrades on all three, plus an area distribution upgrade. Additionally, 1145 & 1020 Atlantic are garnering interest as there is growing sentiment from businesses in multi-tenant situations to find single-tenant sites to manage the risk of coronavirus.
- **Harbor Bay North Loop:** The newly constructed building at 2175 N Loop Rd is preparing for occupancy that will add significant load. The building is fully owned by Lighthouse for the Blind and Visually Impaired, a San Francisco non-profit that provides education, training, advocacy, and community for blind individuals around the world. The new building will serve the Sirkin Center program which employs individuals who are blind to manufacture high quality eco-friendly cleaning products. Products include tissue packets for MREs, commercial sanitary paper products, and PRIDEclean cleaning products. Because of the ongoing COVID-19 crisis, Lighthouse is expediting the expansion in order to meet the increased demand for their products to help combat the virus spread. Pound Management, the owner-representative, is planning on 1200 Amp service to accommodate the manufacture and distribution of these products and hoping to get operations moving at full capacity as soon as possible.

- **Northern California Power Agency (NCPA) Market Purchase Program –** Alameda Municipal Power (AMP) executed a contract with East Bay Community Energy (EBCE) through the NCPA Market Purchase Program (MPP) for a short-term purchase of carbon-free energy for 2020. AMP will buy 10,000 MWh of carbon-free energy from EBCE at a cost not-to-exceed \$70,000. AMP's power resources have significantly underperformed this year. For the months of January, February, and March, generation output from NCPA hydroelectric plants, Central Valley Project (WAPA) and Ameresco Butte landfill has been significantly lower than expected. Additionally, AMP has experienced extended outages for NCPA geothermal plants due to the Kincadee fire last year. By purchasing additional carbon-free energy, AMP staff will ensure that all of the retail sales are met using 100 percent clean energy in 2020.

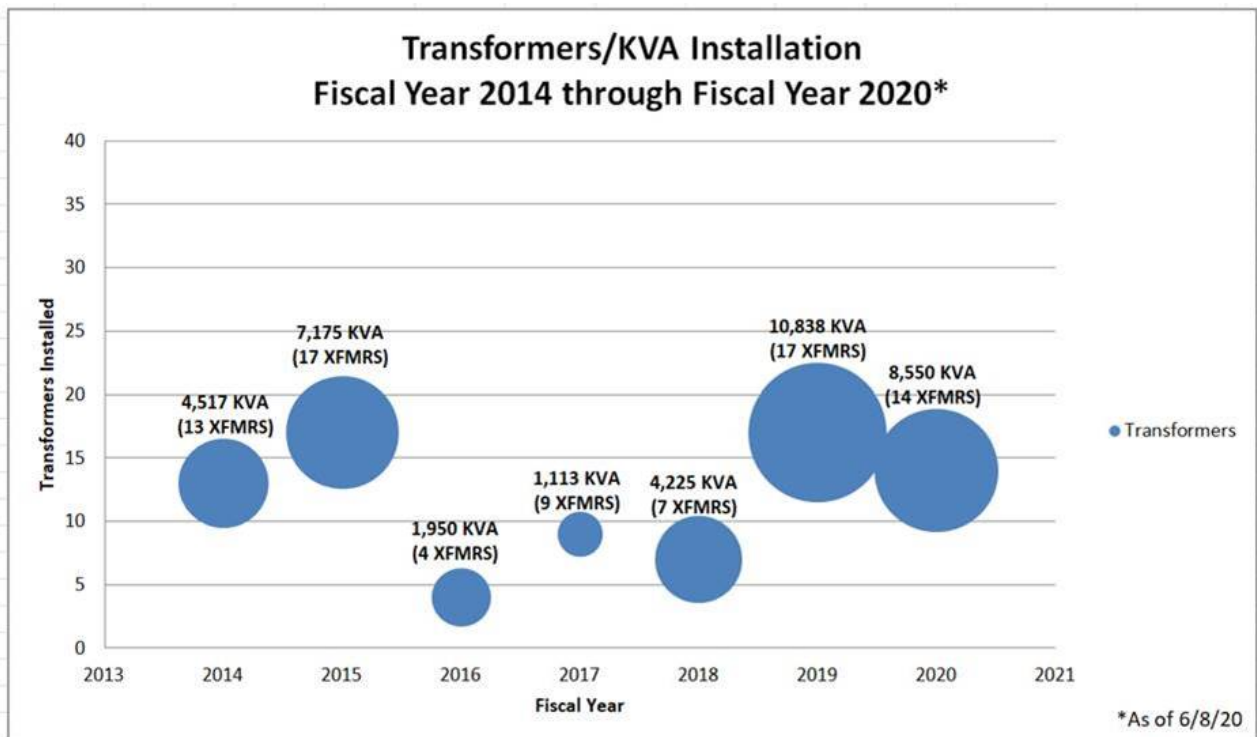
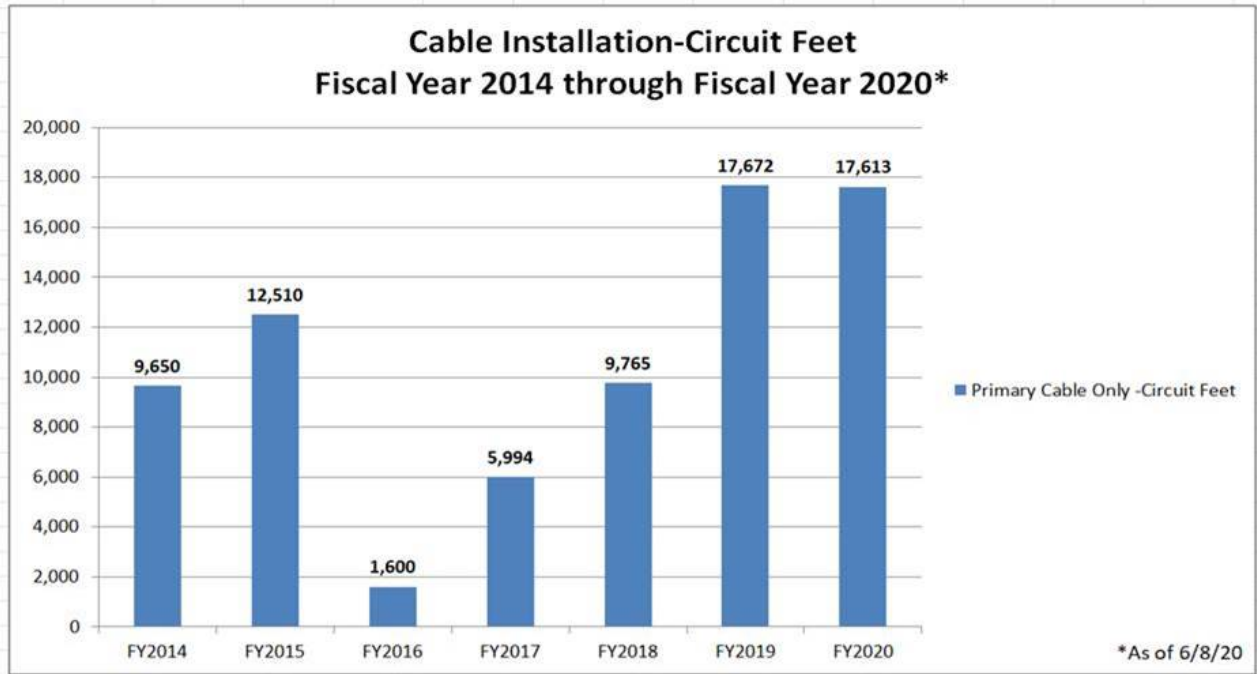
- **Used Electric Vehicle (EV) Rebates** – AMP received its first applications for the new used-EV rebate at the end of June. Once the two applications are reviewed and approved, they will appear in the July GM Report.

- **Engineering & Operations News** –
 - As a utility, AMP is required by law to locate its underground facilities if requested to do so. This is commonly known as "811 - Call before you dig". AMP alone receives up to 500 such requests, or tickets, per month. There are various types of tickets, for designs and planning, construction, emergencies, etc. For later reference or evidence, findings and actions should be tracked. Until now requests came in by email and tracking was done on paper. AMP has now implemented a cloud based ticket management system that allows locators to work on tablets or even phones to manage their queues. Actions taken, notes, and even photos are timestamped and securely saved. This is a big step forward and, best of all, there was no additional cost associated with this transition.
 - AMP experienced a large outage on June 7th with about 13,000 customers out of power for about 45 minutes. The cause was an error during testing by PG&E staff in one of the two the PG&E substations serving AMP. We are expecting a more detailed report from PG&E once their internal investigation is complete.

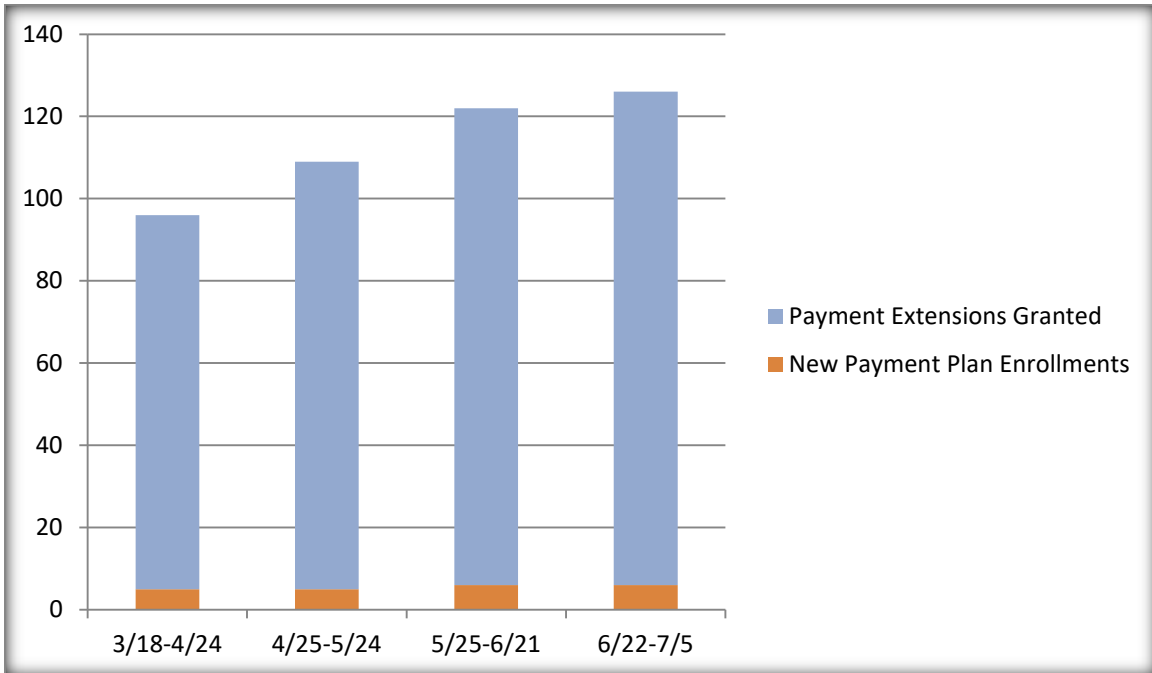
- **Safety:**
 - 2020 Lost Time Cases: 0
 - 2020 Recordable Injuries: 2
 - 2020 First Aid Cases: 1
 - 2020 Vehicle Accidents/ Incidents: 0

➤ **Cable and Transformers Installation for Fiscal Years 2014-2020**

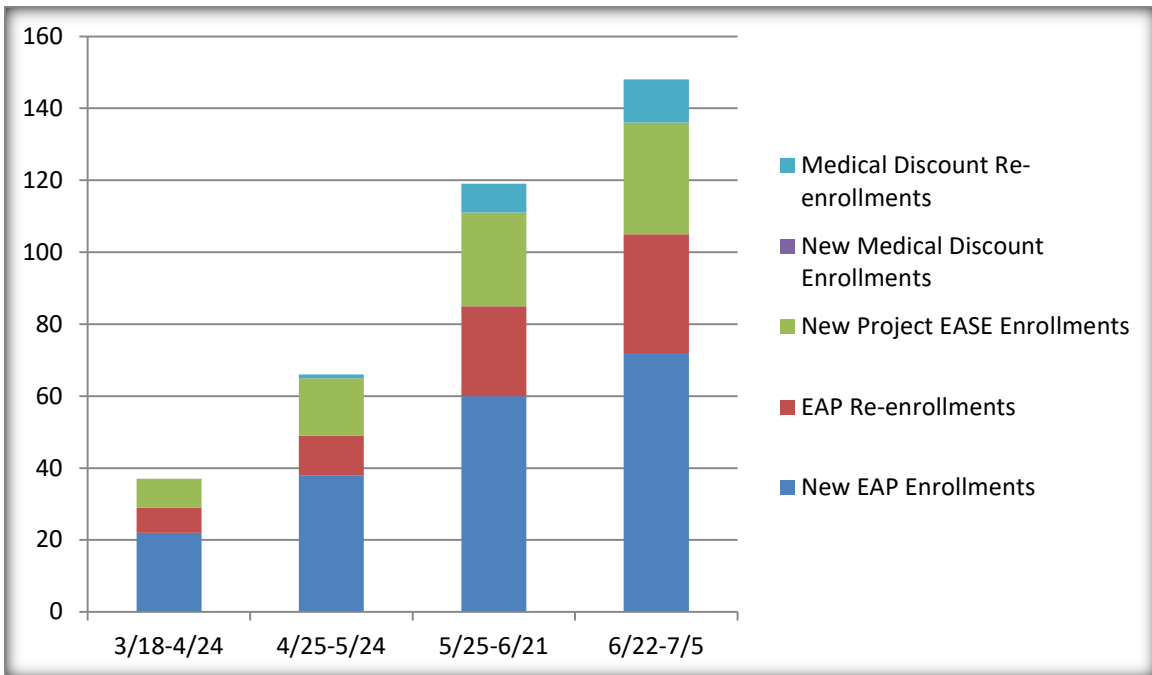
- AMP staff have been working hard to accommodate new development around Alameda. The two charts provide a historical view of how much new cable was installed and also transformer number and total size. AMP expects the pace to continue over the next few years.



➤ Customer Service Division Stats During Shelter in Place



New Programs Beginning March 18, 2020



Existing Programs Since March 18, 2020

CUSTOMER PROGRAMS & EXPERIENCE

Table 1: Summary of Energy Efficiency Programs as of June 30, 2020

SUMMARY OF ENERGY EFFICIENCY PROGRAMS AS OF JUNE 30, 2020*									
Program	Annual Savings Target kWh/yr	1st Q	2nd Q	3rd Q	Apr-20	May-20	Jun-20	Cumulative Energy Savings kWh/yr	Percent of Annual Target
Residential Refrigeration	34,000	4,076	6,676	11,628	1,622	388	2,816	27,206	80%
Residential Lighting	136,000	2,554	2,825	2,756	403	731	0	9,269	7%
Residential Other		2,062	3,129	4,016	1,753	533	249	11,742	
EAP+ (Low Income Residential)		0	47,625	20,461	0	1,327	0	69,413	
Energy Plus	461,746	381,619	762,559	29,562	0	0	0	1,173,739	254%
Non-Residential Lighting, Custom	89,840	0	150,576	29,789	0	0	0	180,365	201%
Non-Residential Customized, Other	88,334	0	48,474	42,091	0	0	0	90,565	103%
Non-Residential New Construction	21,080	0	0	0	0	0	0	0	0%
Non-Residential, Other		0	0	0	0	0	0	0	
TOTAL	831,000	390,311	1,021,863	140,303	3,778	2,979	3,065	1,562,299	188%

*Numbers represent gross savings

**EAP+ is AMP's energy efficiency upgrade program for low-income customers who are enrolled in the utility's Energy Assistance Program (EAP). November 2019 is the first month of reported energy savings.

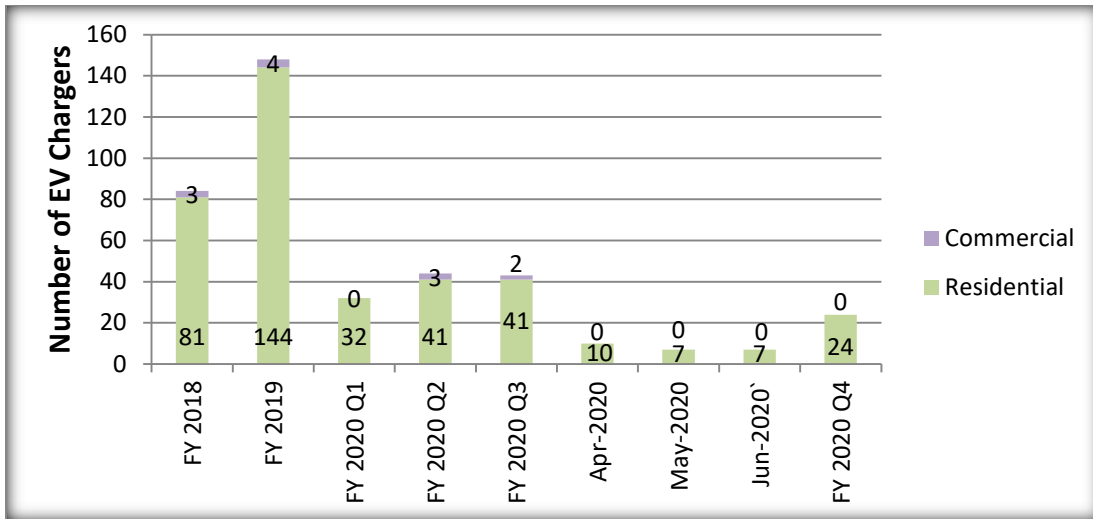


Figure 1: Electric Vehicle Charger Rebates

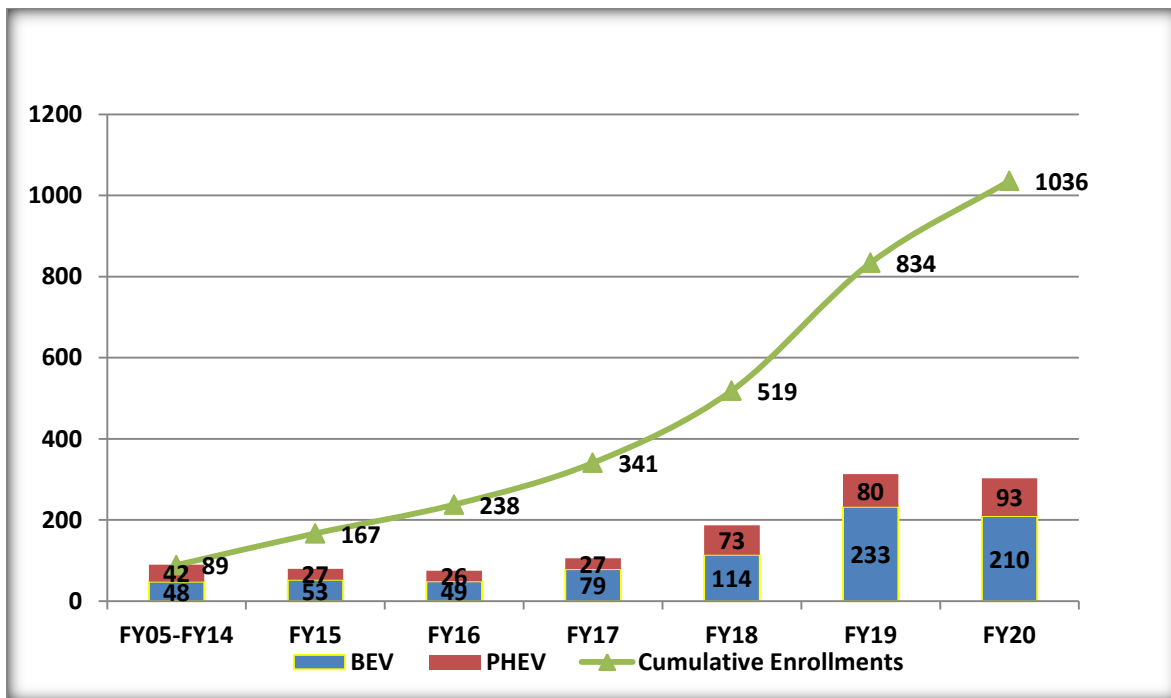


Figure 2: Electric Vehicle (EV) Discount Program Participation

* 10 applications for the EV discount were received in June 2020.

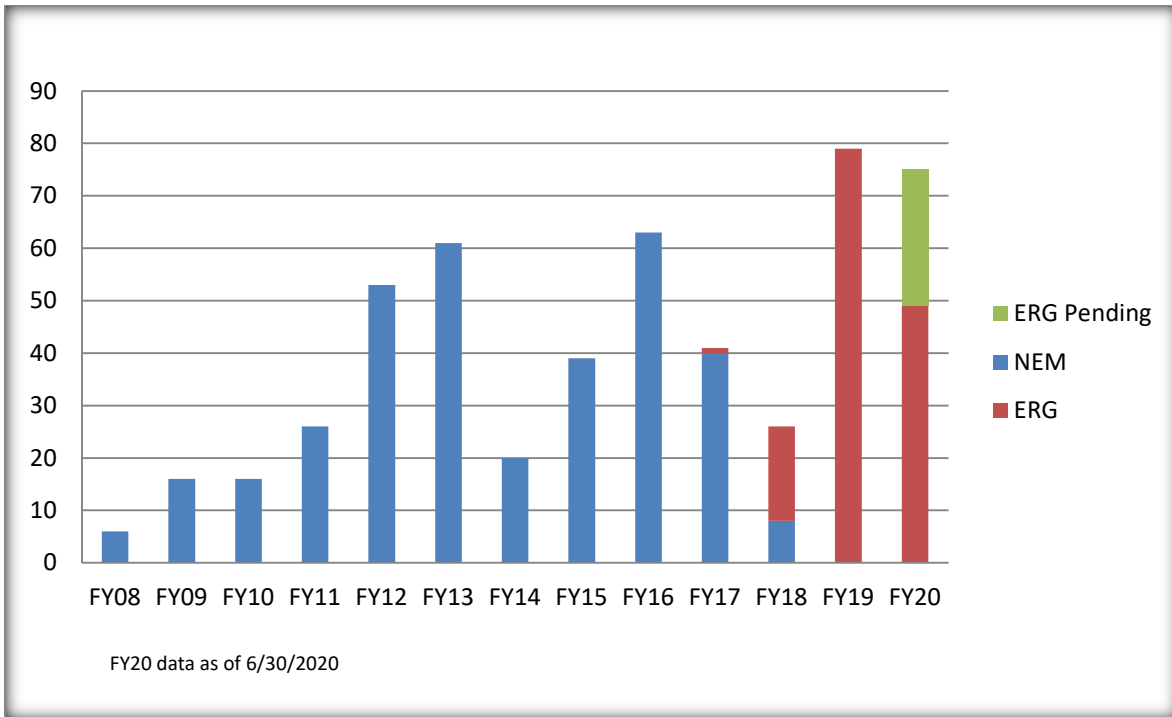


Figure 3: Residential Solar Interconnections

*There were four residential solar installations completed in May 2020.

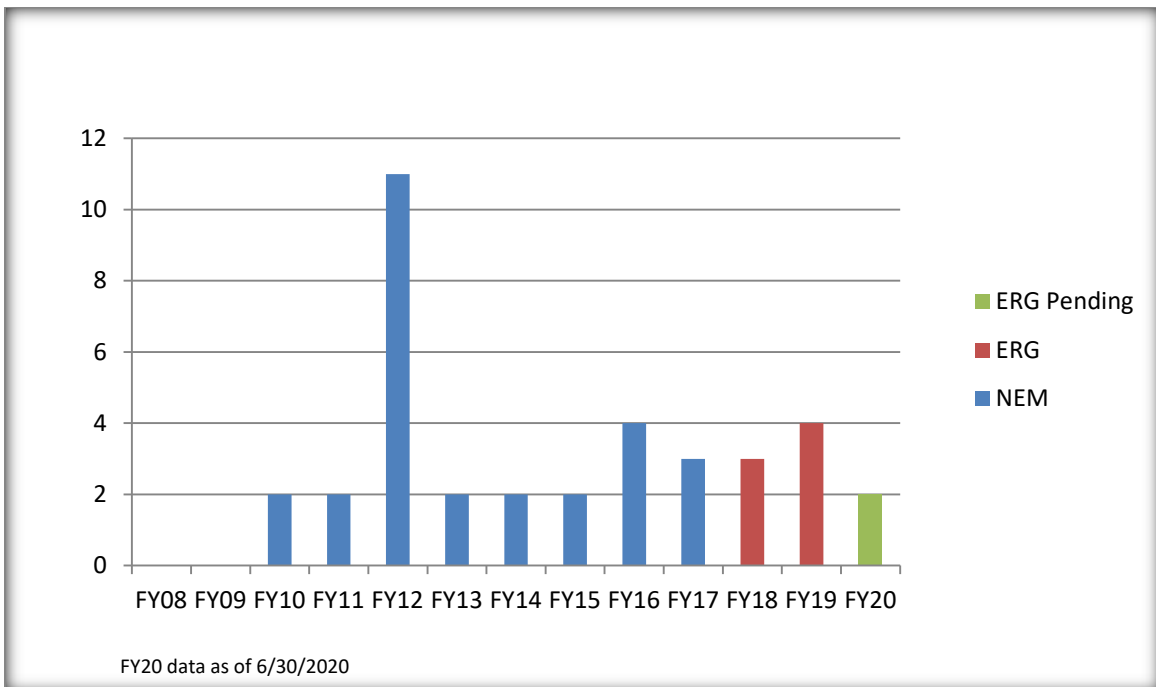


Figure 4: Commercial Solar Interconnections

*There were no commercial solar installations completed in June 2020.

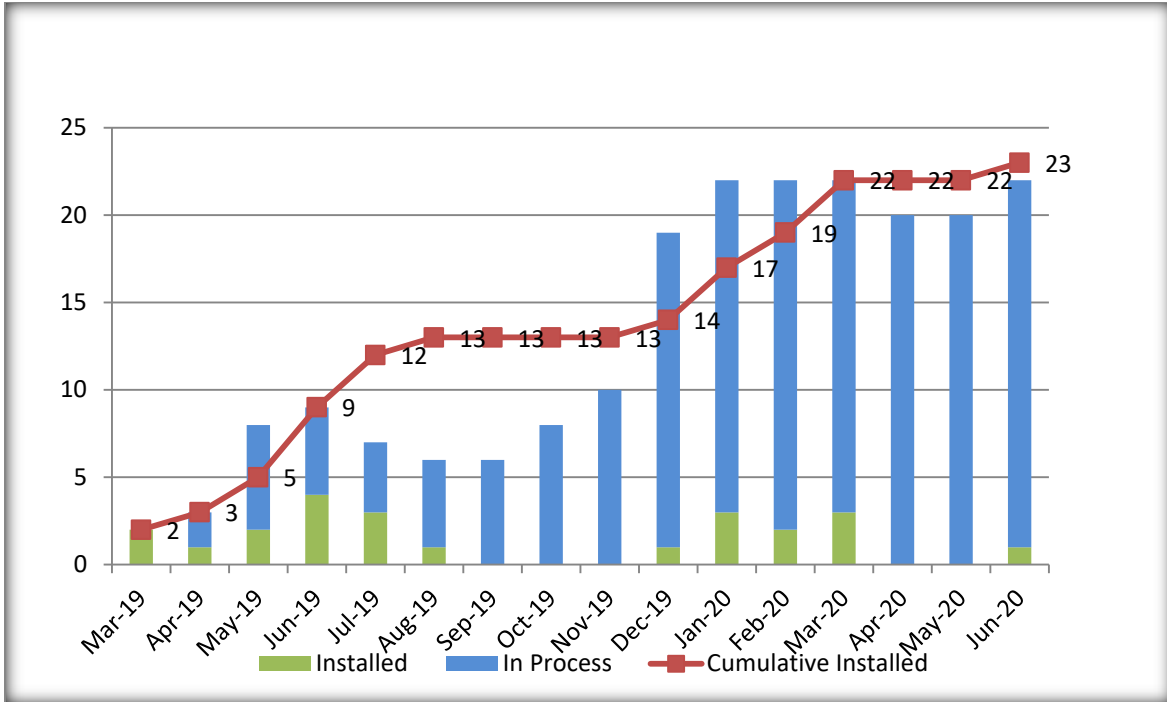


Figure 5: Battery Storage

*There was one storage installation completed in June 2020.

FINANCIALS

Table 2: Monthly and Year to Date Total Operating Revenue and Expense Report as of June 30, 2020

<i>Report Status as of:</i>				
<i>June 30, 2020</i>	Monthly		Annual (FY) To Date	
	Goal	Result	Goal	Result
Total Operating Revenue - Electric (May 2020)	5,046,272	4,695,720	60,081,094	61,355,236
Total Operating Expense - Electric (May 2020)	4,903,567	4,393,244	52,429,956	50,303,712
Note: Shaded areas indicate the data is displayed on the accompanying graphs				

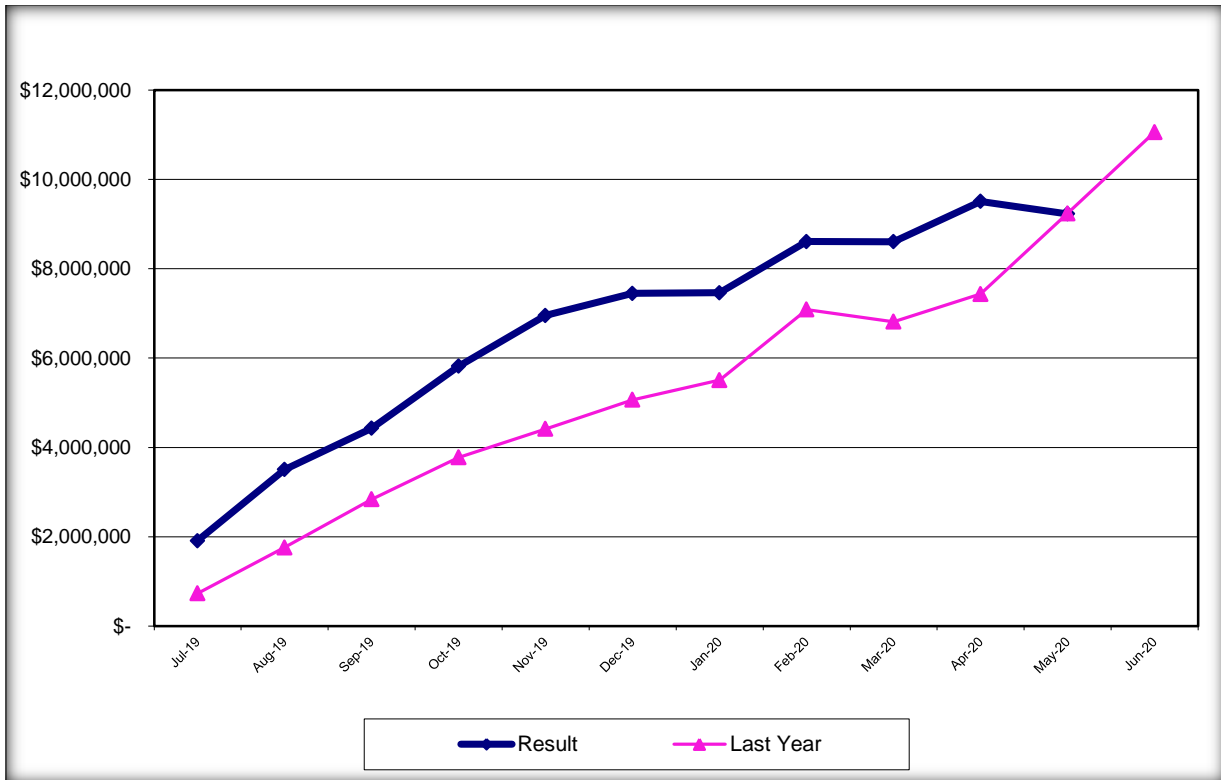


Figure 6: Fiscal Year 2020 Cumulative Net Income – Electric

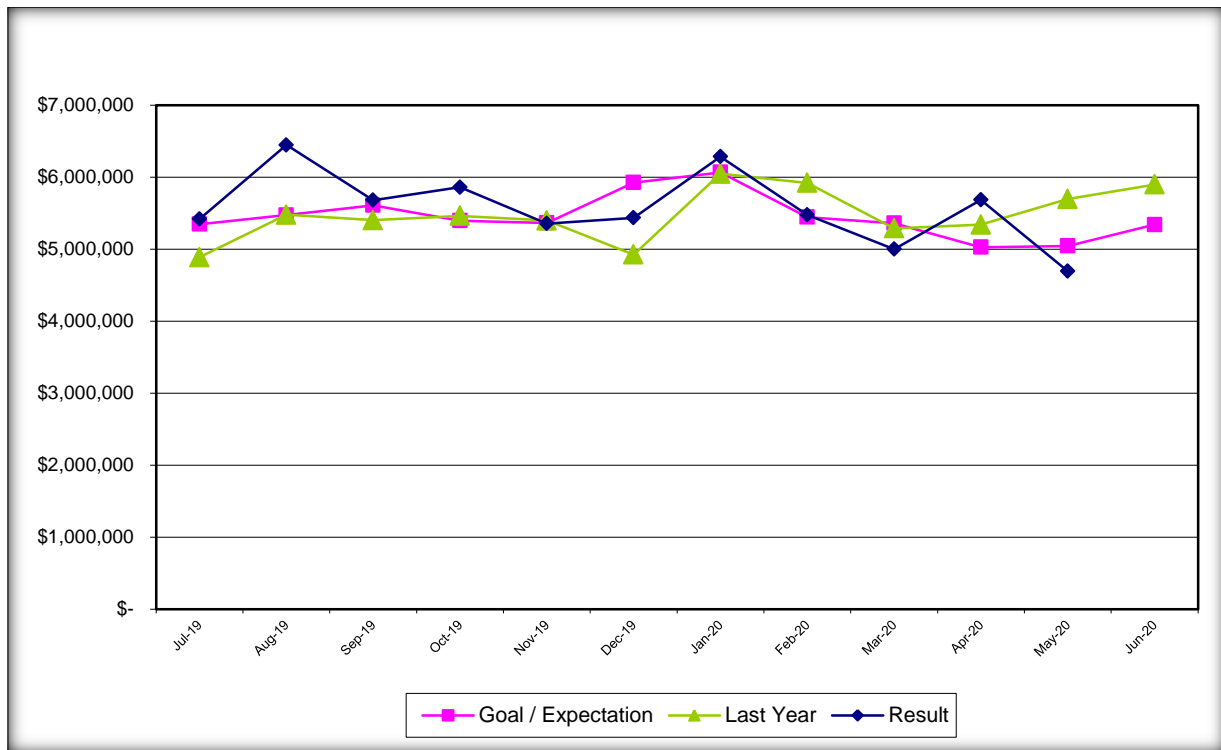


Figure 7: Fiscal Year 2020 Monthly Operating Revenue – Electric

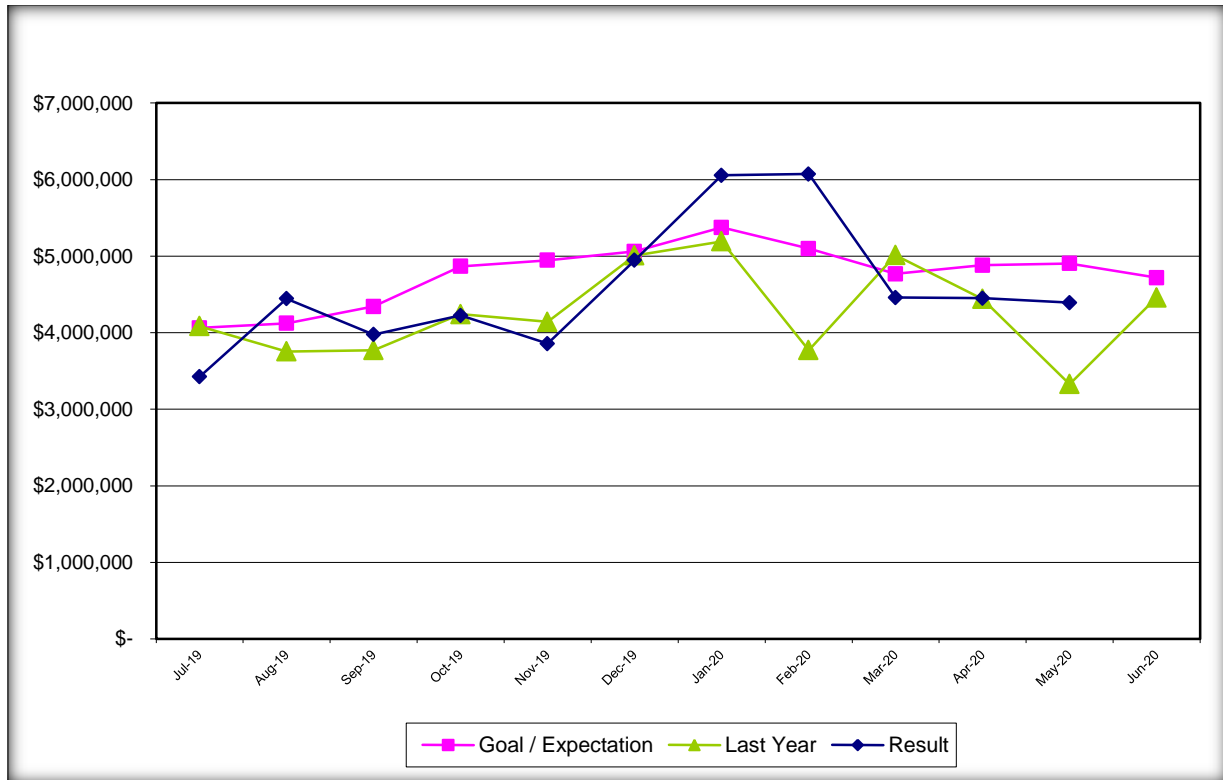


Figure 8: Fiscal Year 2020 Monthly Operating Expense – Electric

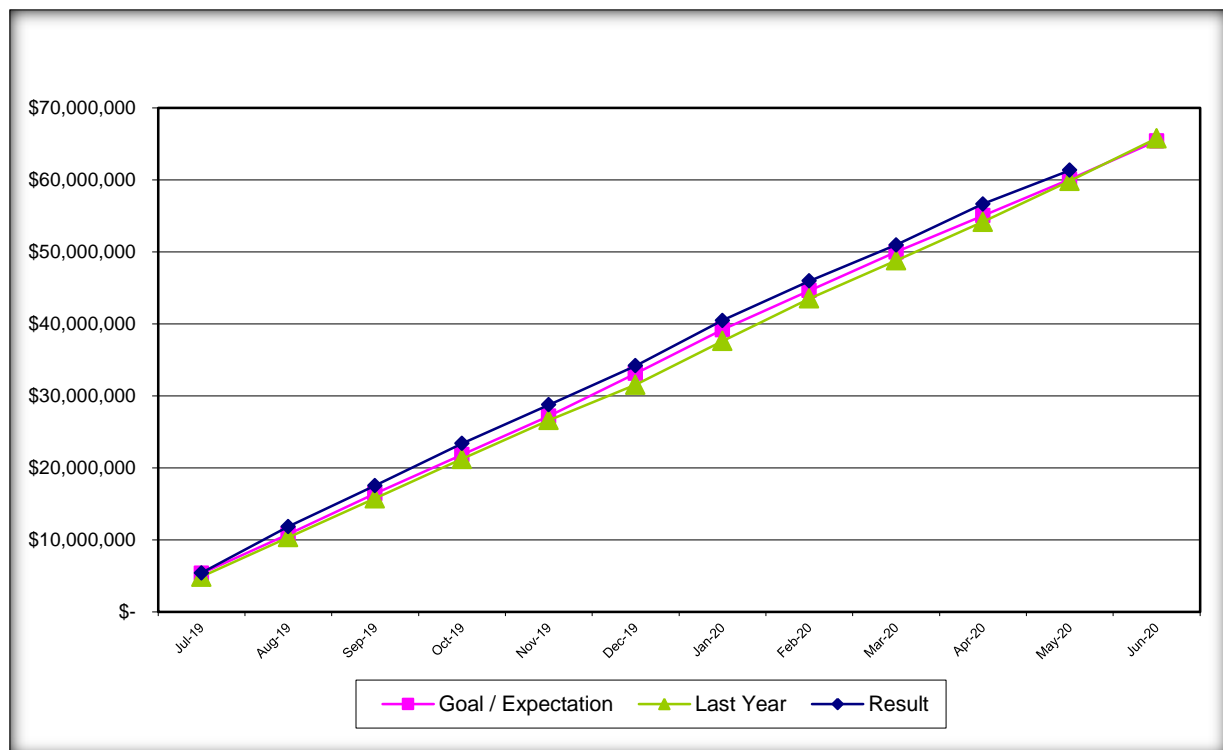


Figure 9: Fiscal Year 2020 Cumulative Operating Revenue – Electric

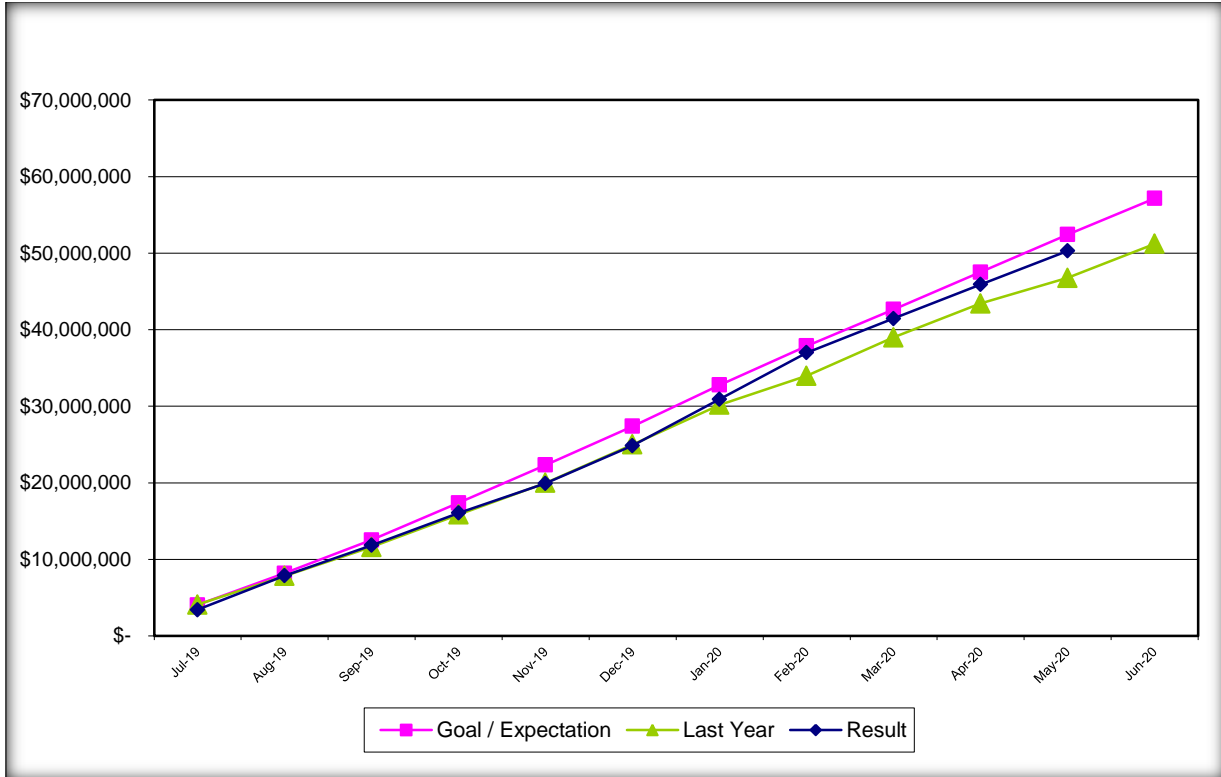


Figure 10: Fiscal Year 2020 Cumulative Operating Expense – Electric

Table 3: Special Revenue Summary – Fiscal Year 2020
Year to Date through May 2020

Cap & Trade Revenue Reserve - 10 2114	Funding from Cash Receipts	Power Costs	Operating Expenses	Capital Projects	Total Expenditures	Reserve Balance
Reserve Beginning Balance 6-30-2019						3,127,934
Jul-19	-			(588)	(588)	3,127,347
Aug-19	-	(83,334)		(2,604)	(85,938)	3,041,408
Sep-19	269,635	(41,667)		(930)	(42,597)	3,268,446
Oct-19	-	(41,667)		(18,249)	(59,916)	3,208,530
Nov-19	-	(41,667)		(5,395)	(47,062)	3,161,468
Dec-19	267,138	(41,667)		(4,279)	(45,946)	3,382,660
Jan-20	-	(41,667)		-	(41,667)	3,340,993
Feb-20	-	(41,667)		(1,725)	(43,392)	3,297,601
Mar-20	280,845	(41,667)		(2,299)	(43,966)	3,534,480
Apr-20	-	(41,667)		(1,341)	(43,008)	3,491,471
May-20	-	(41,667)		(1,725)	(43,392)	3,448,080
Jun-20					-	3,448,080
Total To Date	817,618	(458,337)	-	(39,135)	(497,472)	3,448,080

Renewable Energy Credits Revenue Reserve - 10 2113	Funding from Cash Receipts	Power Costs	Operating Expenses	Capital Projects	Total Expenditures	Reserve Balance
Reserve Beginning Balance 6-30-2019						19,327,911
Jul-19	170,516	(2,000)	(61,643)	-	(63,643)	19,434,784
Aug-19	194,673	-	(116,780)	-	(116,780)	19,512,677
Sep-19	151,514	(34,515)	(2,544)	-	(37,059)	19,627,132
Oct-19	160,258	(4,483)	(72,655)	-	(77,138)	19,710,252
Nov-19	184,717	(4,000)	(22,440)	-	(26,440)	19,868,528
Dec-19	190,662	(111,600)	(345,729)	-	(457,329)	19,601,862
Jan-20	191,425	(116,950)	(19,880)	(14,631)	(151,461)	19,641,826
Feb-20	191,938	(111,600)	(27,708)	-	(139,308)	19,694,456
Mar-20	138,653	(4,428)	(9,498)		(13,926)	19,819,183
Apr-20	122,676	-	(496)		(496)	19,941,363
May-20	135,879	-	(3,166)		(3,166)	20,074,076
Jun-20					-	20,074,076
Total To Date	1,832,911	(389,576)	(682,540)	(14,631)	(1,086,747)	20,074,076

Low Carbon Fuel Standard Revenue Reserve - 10 2115	Funding from Cash Receipts	Power Costs	Operating Expenses	Capital Projects	Total Expenditures	Reserve Balance
Reserve Beginning Balance 6-30-2019						942,892
Jul-19			-		-	942,892
Aug-19	990,000	-	(25,919)	-	(25,919)	1,906,973
Sep-19	(1,250)	-	-	-	-	1,905,723
Oct-19	-	-	(10,972)	-	(10,972)	1,894,751
Nov-19	-	-	(30,432)	-	(30,432)	1,864,319
Dec-19	-	-	(31,250)	-	(31,250)	1,833,070
Jan-20	-	-	(8,154)	-	(8,154)	1,824,916
Feb-20	-	-	(8,093)	-	(8,093)	1,816,822
Mar-20	-	-	(9,960)	-	(9,960)	1,806,862
Apr-20	-	-	(1,203)	-	(1,203)	1,805,659
May-20	-	-	(3,518)	-	(3,518)	1,802,141
Jun-20					-	1,802,141
Total To Date	988,750		(129,501)		(129,501)	1,802,141

Combined Total **3,639,279** **(847,913)** **(812,041)** **(53,766)** **(1,713,720)** **25,324,296**

OPERATIONAL STATISTICS

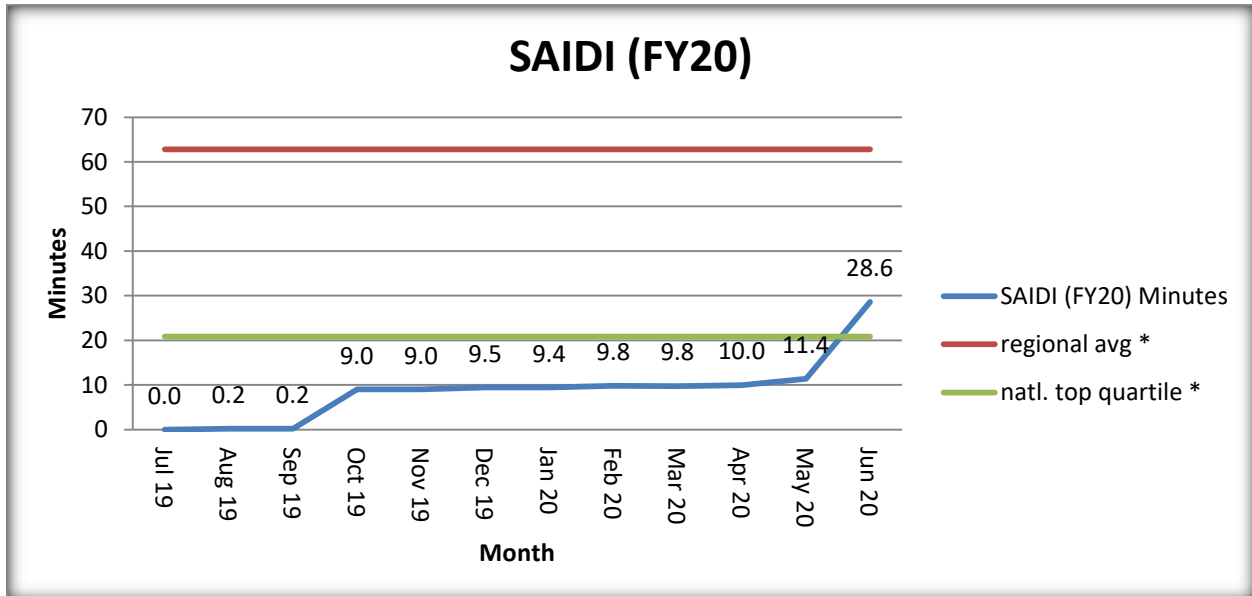


Figure 11: System Average Interruption Duration Index (SAIDI) Fiscal Year 2020

*Based on APPA Region 6 and national benchmark study

$$\text{SAIDI} = \frac{\text{Sum of customer-minutes off for all interruptions}}{\text{Total number of customers served}}$$

System Average Interruption Duration Index (SAIDI):

SAIDI is defined as the average duration of interruptions for customers served during a specified time period. Similar to CAIDI, but the number of customers served instead of affected is used. The unit is minutes. A common usage of SAIDI is "If all customers were without power the same amount of time, they would have been out for _____ minutes."

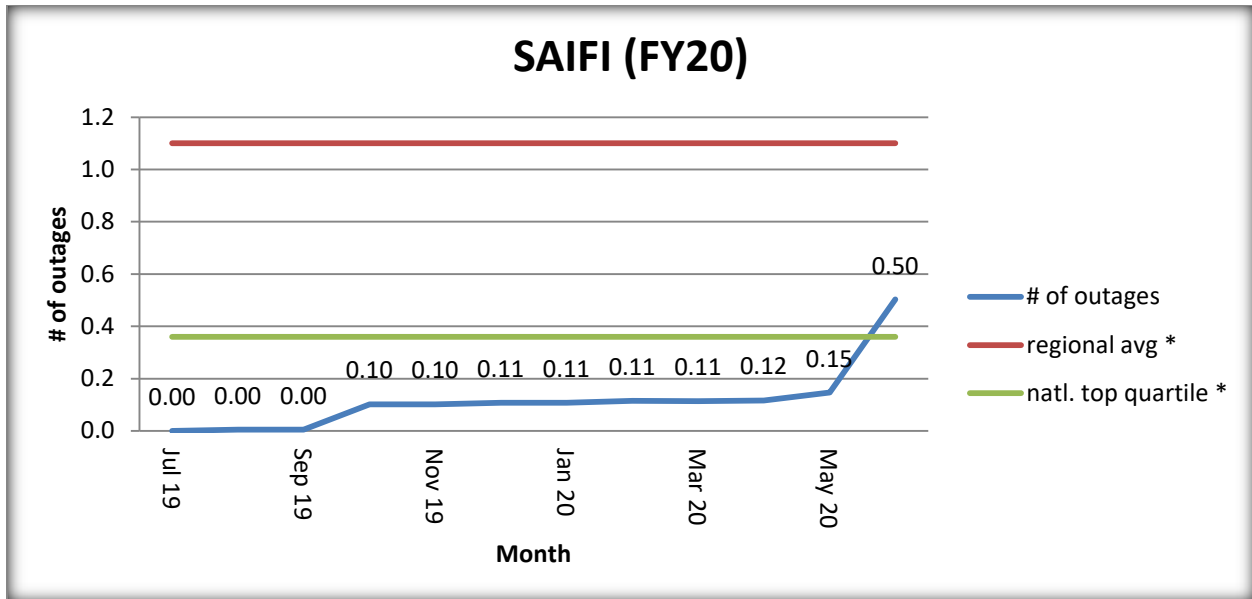


Figure 12: System Average Interruption Frequency Index (SAIFI) Fiscal Year 2020

*Based on APPA Region 6 and national benchmark study

$$\text{SAIFI} = \frac{\text{Total \# of customers affected by interruptions}}{\text{Total number of customers served}}$$

System Average Interruption Frequency Index (SAIFI):

SAIFI describes the average number of times a customer experiences a sustained interruption during a specified time period. The unit for SAIFI is 'interruptions per customer'. A common usage of SAIFI is "On average, customers experienced _____ interruptions".

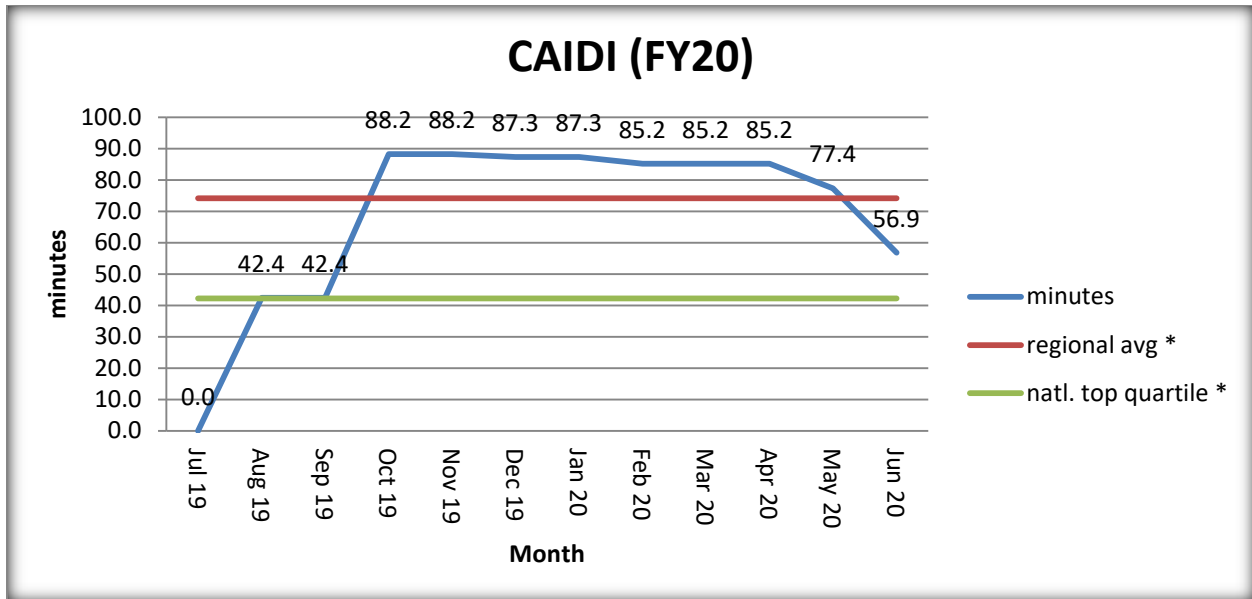


Figure 13: Customer Average Interruption Duration Index (CAIDI) Fiscal Year 2020

*Based on APPA Region 6 and national benchmark study

CAIDI=
$$\frac{\text{Sum of customer-minutes off for all sustained interruptions}}{\text{Total \# of customers affected by the sustained interruptions}}$$

Customer Average Interruption Duration Index - CAIDI

CAIDI is the weighted average length of an interruption for customers affected during a specified time period. The unit of CAIDI is minutes. A common usage of CAIDI is "The average customer that experienced an outage is out for _____ minutes.

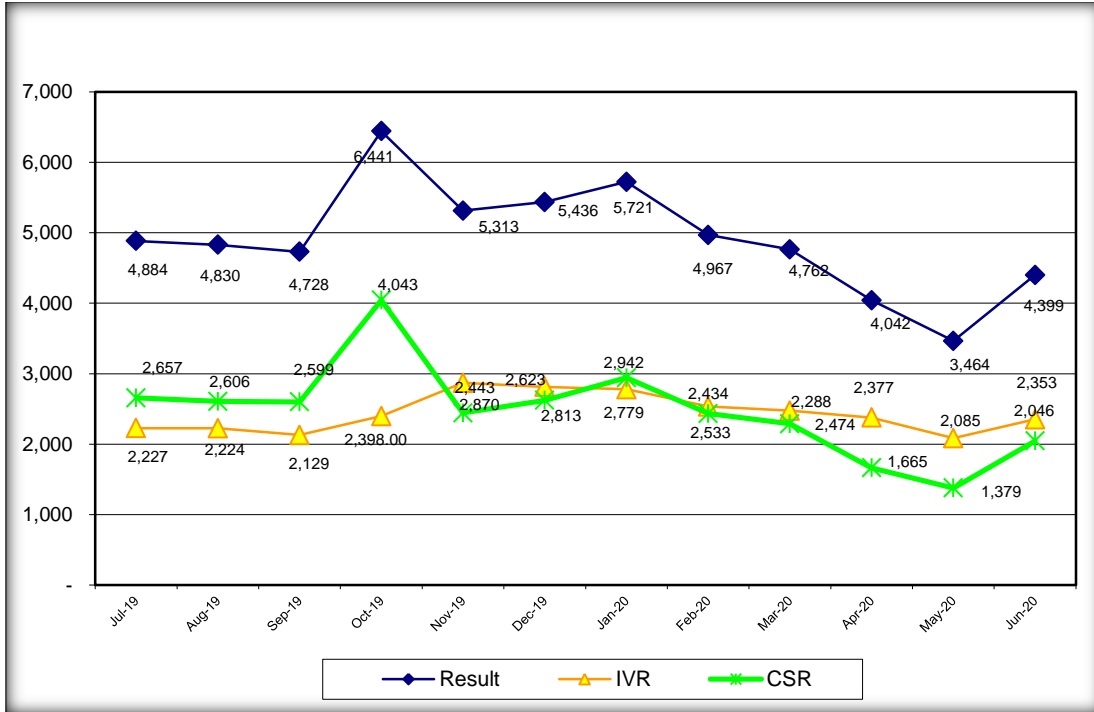


Figure 14: Fiscal Year 2020 Call Volume (Total Calls)