



To: Honorable President and
Members of the Public Utilities Board

From: Nicolas Procos, General Manager

Re: General Manager's Report – December, 2020

PUB Highlights

- **Economic Development Highlights—**
 - Build out has been completed at 2175 North Loop Road for new tenant, Lighthouse for the Blind and Visually Impaired. Lighthouse will be expanding its production of cleaning and sanitation products to generate revenue in support of its mission. They will also be adding 23 kW of solar capacity while also adding significant load to the system.
 - Construction has begun on the 4-story, 220k square foot Exelixis office building at 1951 Harbor Bay Pkwy.
 - Tenant improvements are underway at Shipway 1, 1250 Marina Village Pkwy, for molecular biology company Checkerspot, developers of high-performance polyurethanes made from biobased oils. Move-in is scheduled for March.
 - Blue Rise Ventures, formerly Local Capital Group (Marina Village), has a potential new tenant for the office building at 300 Wind River.

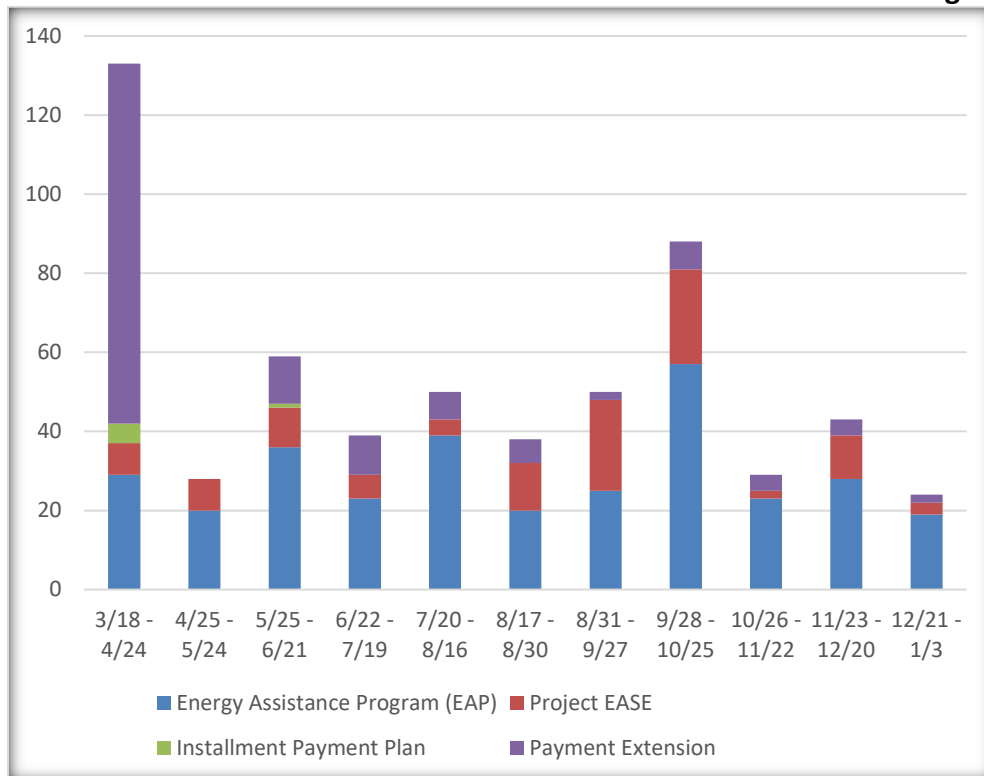
- **Solar Update –**
 - *Residential* – 13 of the new solar applications are from new construction at the Bay 37 project (behind Target). Eventually, there will be more than 200 solar interconnections at this development.
 - *Commercial* - Three new commercial solar projects are in process: Lighthouse for the Blind (23 kW) and Exelixis (800 kW), both at Harbor Bay Business Park, and Eden Housing/Family Units (113 kW) at Site A.

- **Low Carbon Fuel Standard (LCFS) Credits Sale—** Energy Resources Planning (ERP) sold 5,000 LCFS credits for \$200 per metric ton (MT), where 1 MT equals 1 LCFS credit. The brokerage fee associated with the transaction from the intermediary party, TP ICAP, is \$0.25 per credit. Revenues from the sale were \$998,750.

- **Precipitation for 2021 Water Year—** Northern California Power Agency (NCPA) is expecting the 2021 water year to be lower than average. Precipitation received has been significantly lower compared to an average year and if significant amounts of precipitation are not received within the next couple of months, NCPA is expecting a potential drought year.
 - NCPA is using cloud seeding technology wherever possible.

- **Outage** – On December 20, an animal-related outage occurred, affecting 22 customers for 60 minutes.
- **Safety December 2020:**
 - 2020 Lost Time Cases: 0
 - 2020 Recordable Injuries: 0
 - 2020 First Aid Cases: 1
 - 2020 Vehicle Accidents/ Incidents: 0
- **Safety Cumulative 2020:**
 - 2020 Lost Time Cases: 0
 - 2020 Recordable Injuries: 4
 - 2020 First Aid Cases: 6
 - 2020 Vehicle Accidents/ Incidents: 1

Number of New Customer Enrollments to AMP's Financial Assistance Programs

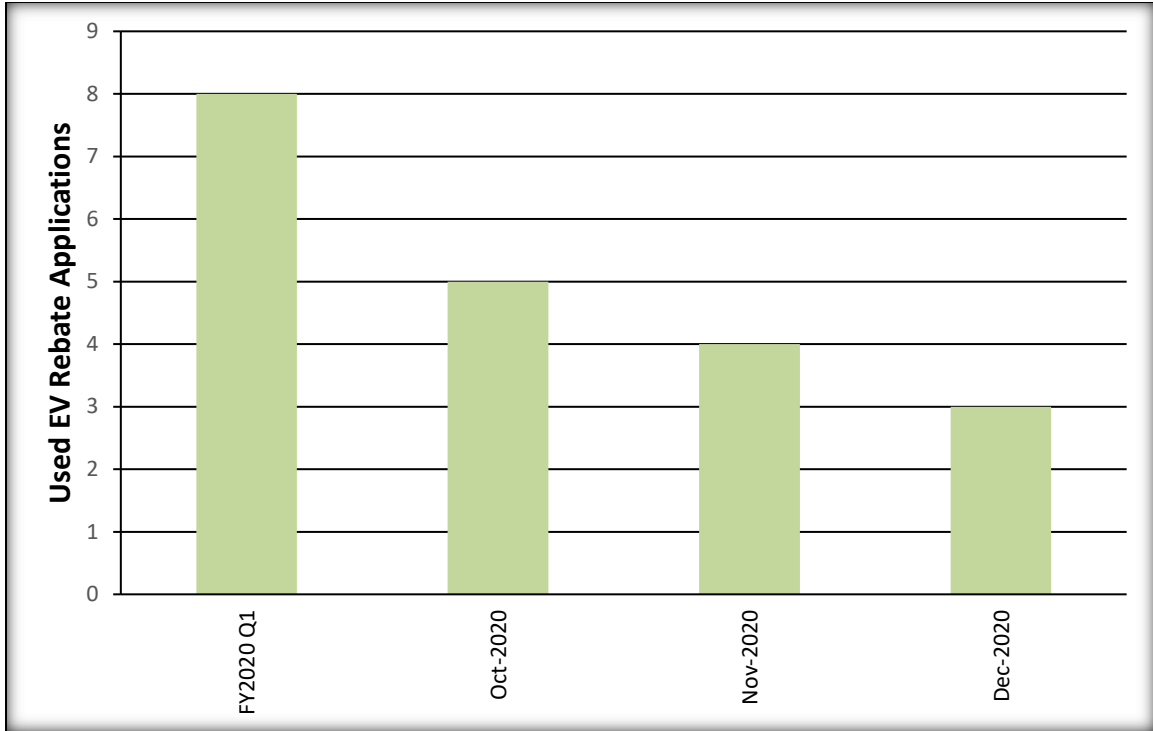


*12/21 – 1/3 represent two weeks of data, not four weeks.

CUSTOMER PROGRAMS & EXPERIENCE

Table 1: Summary of Energy Efficiency Programs as of December 31, 2020

SUMMARY OF ENERGY EFFICIENCY PROGRAMS AS OF DECEMBER 31, 2020							
Program	Annual Savings Target kWh/yr	1st Q	Oct-20	Nov-20	Dec-20	Cumulative Energy Savings kWh/yr	Percent of Annual Target
Residential Lighting	168,000	3,099	1,145	190	587	5,021	2.99%
Residential Other		8,043	249	4,205	3,257	15,754	
EAP+ (Low Income Residential)		34,734	0	14,239	20,434	69,407	
Energy Plus	457,555	0	0	92,181	114,948	207,129	45%
Non-Residential Lighting, Custom	89,024	11,094	0	284,474	15,331	310,899	349%
Non-Residential Customized, Other	87,532	0	0	0		0	0%
Non-Residential New Construction	20,888	0	0	0		0	0%
Non-Residential, Other		0	0	0		0	
TOTAL	823,000	56,970	1,394	395,289	154,558	608,210	73.9%



Residential Used Electric Vehicle Rebates

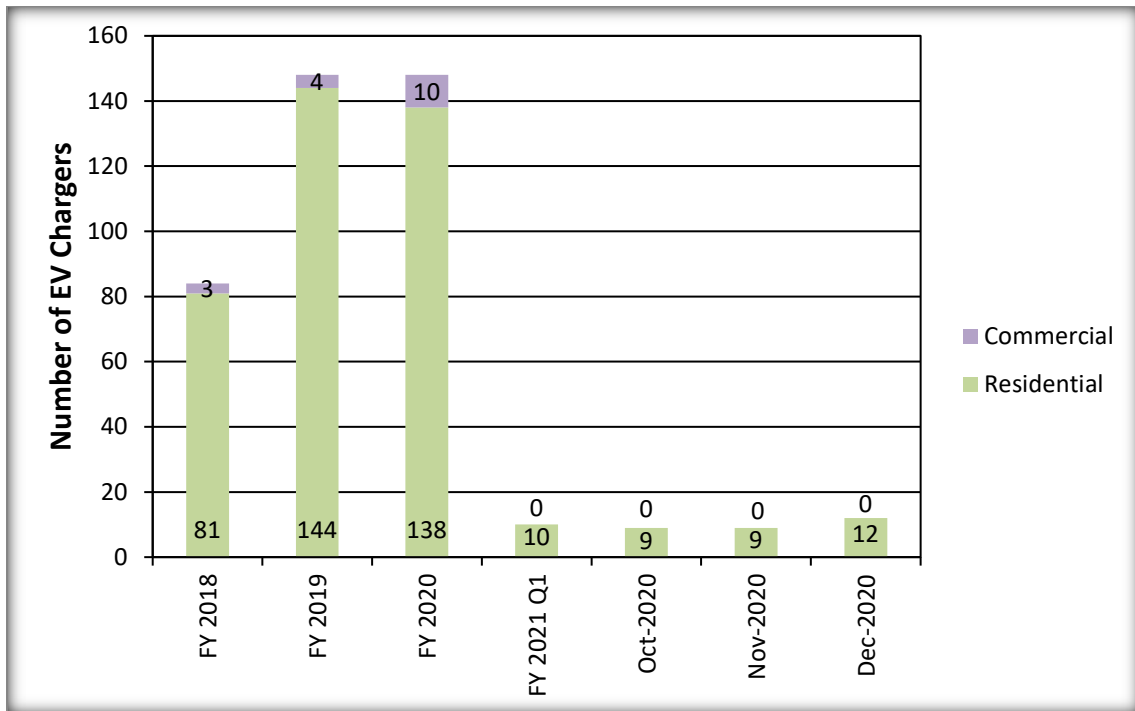


Figure 1: Electric Vehicle Charger Rebates

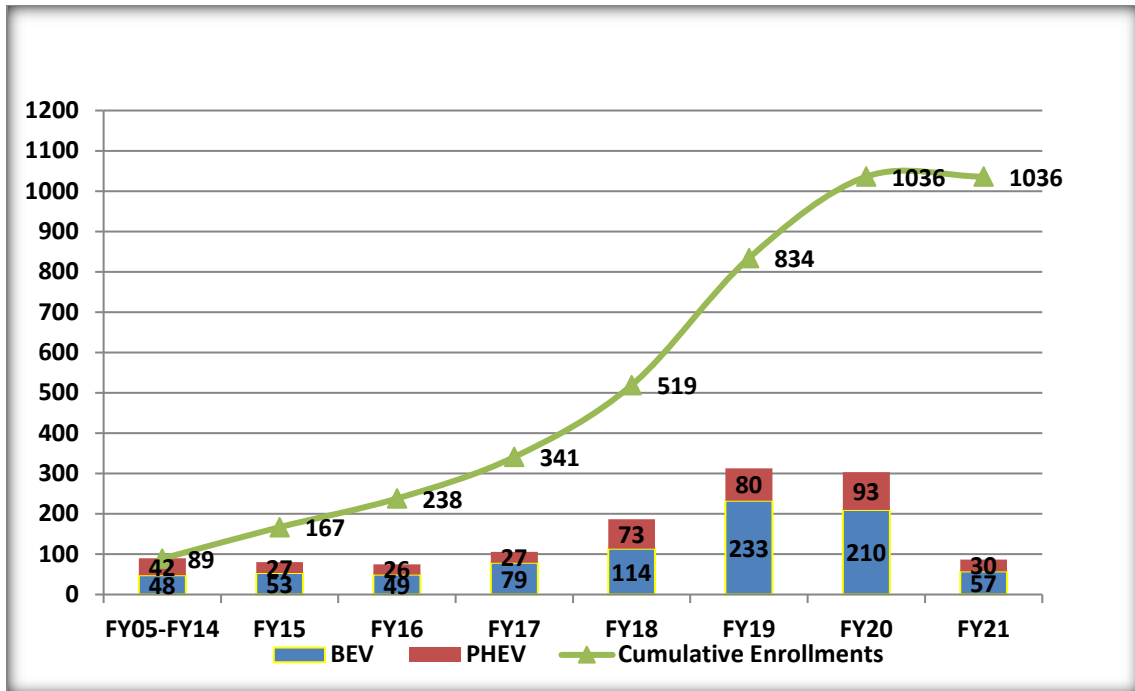


Figure 2: Electric Vehicle Discount Program Participation

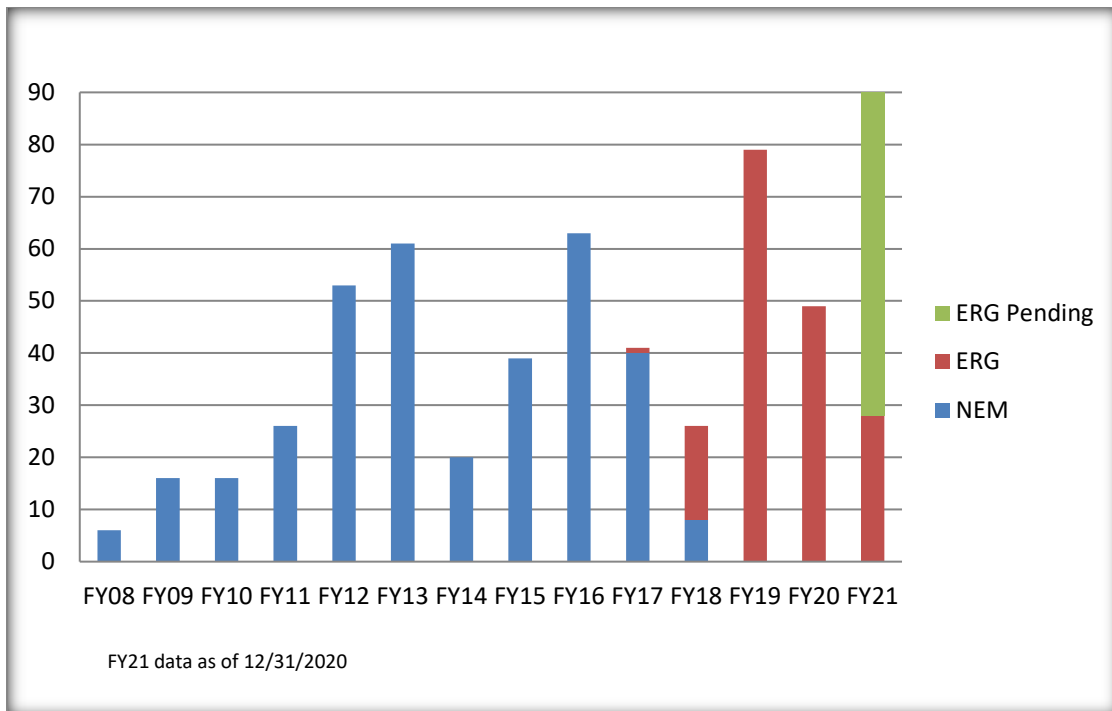


Figure 3: Residential Solar Interconnections

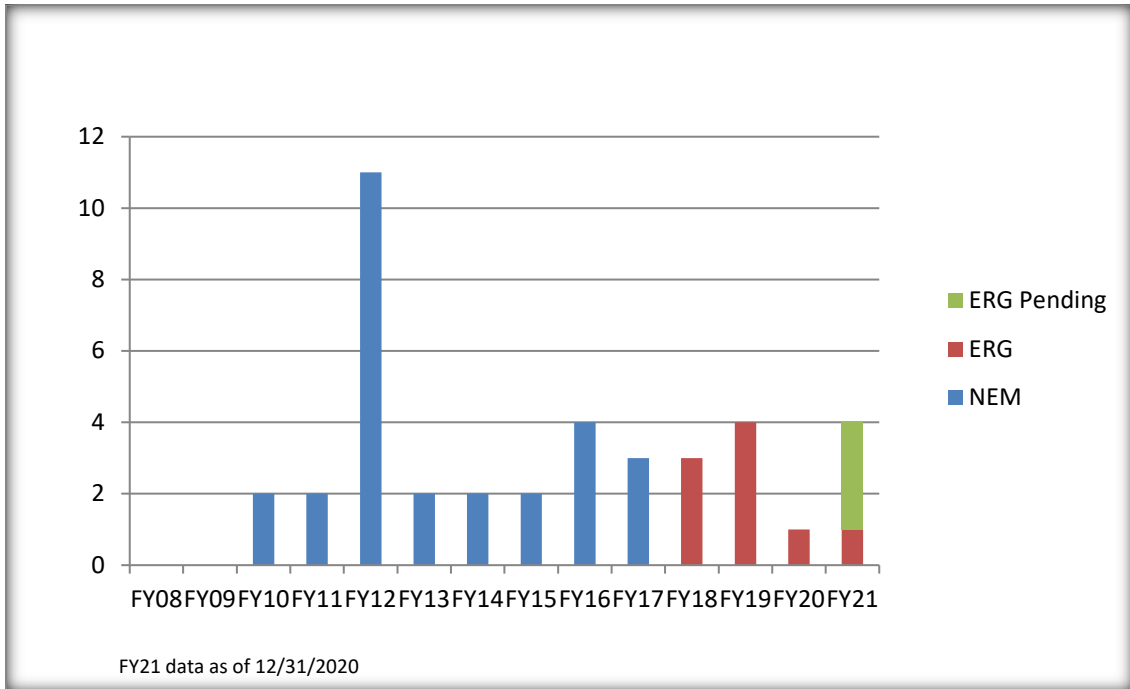


Figure 4: Commercial Solar Interconnections

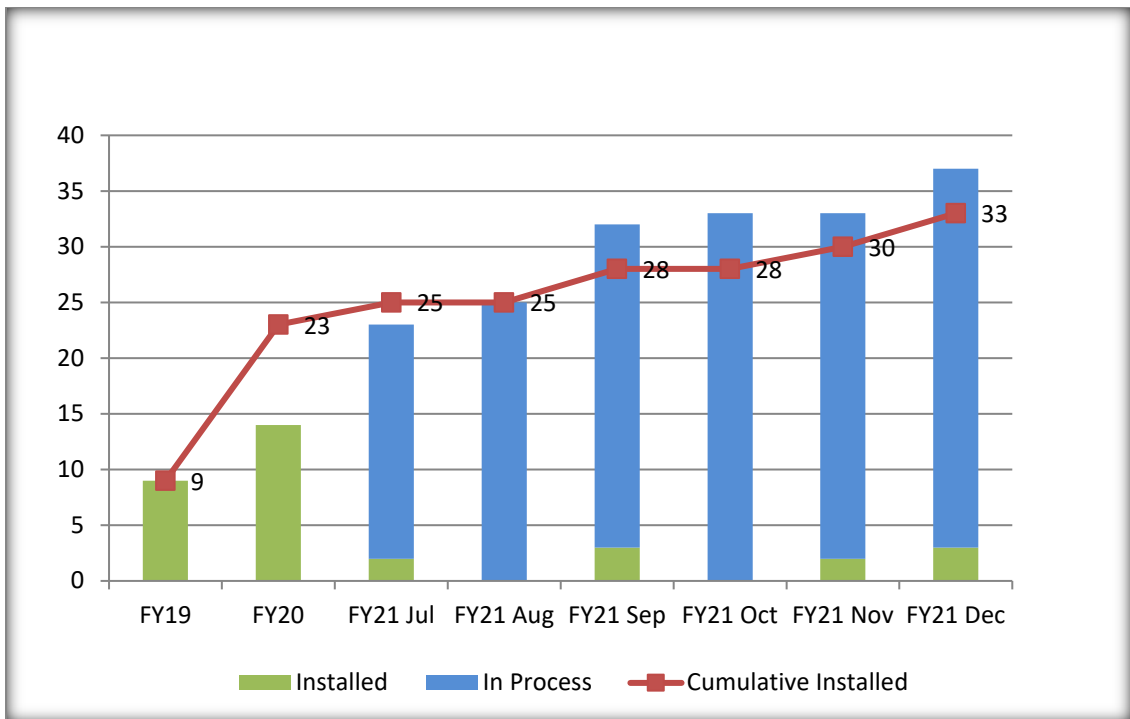


Figure 5: Battery Storage

FINANCIALS

**Table 2: Monthly and Year to Date Total Operating Revenue
 and Expense Report as of December 31, 2020**

<i>Report Status as of:</i>				
<i>December 31, 2020</i>	Monthly		Annual (FY) To Date	
	Goal	Result	Goal	Result
Total Operating Revenue - Electric (November 2020)	5,343,581	6,065,132	26,619,787	27,107,685
Total Operating Expense - Electric (November 2020)	5,265,451	3,836,614	24,232,900	18,947,917
Note: Shaded areas indicate the data is displayed on the accompanying graphs				

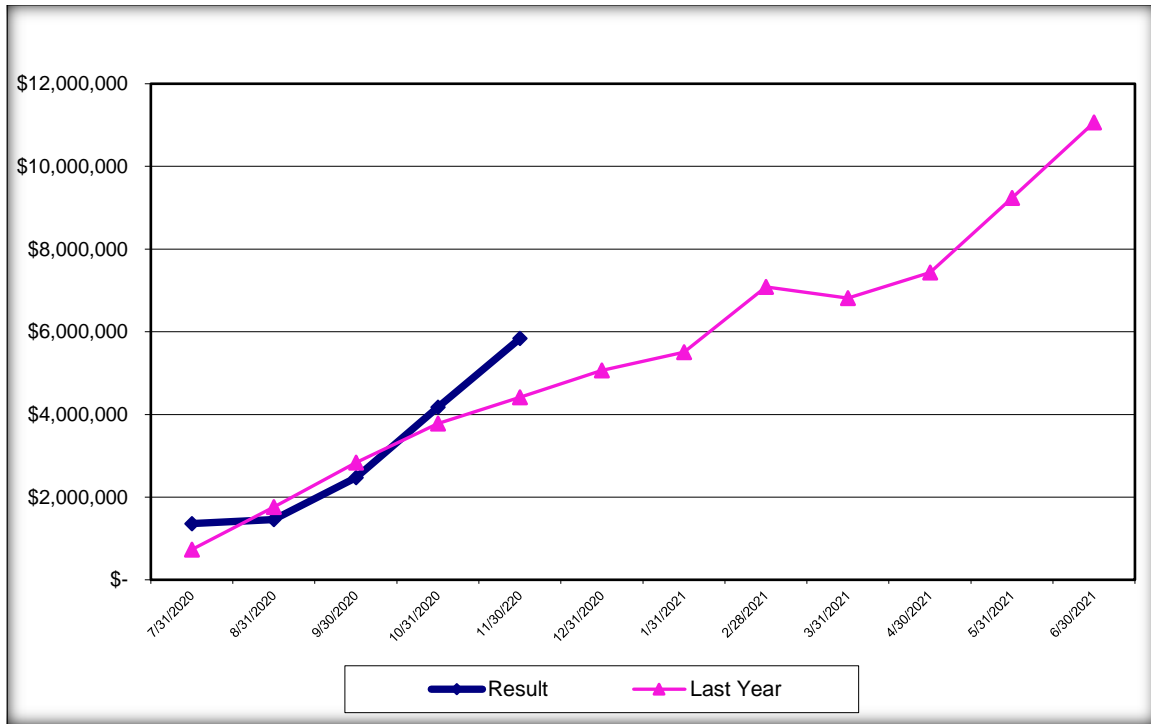


Figure 6: Fiscal Year 2021 Cumulative Net Income – Electric

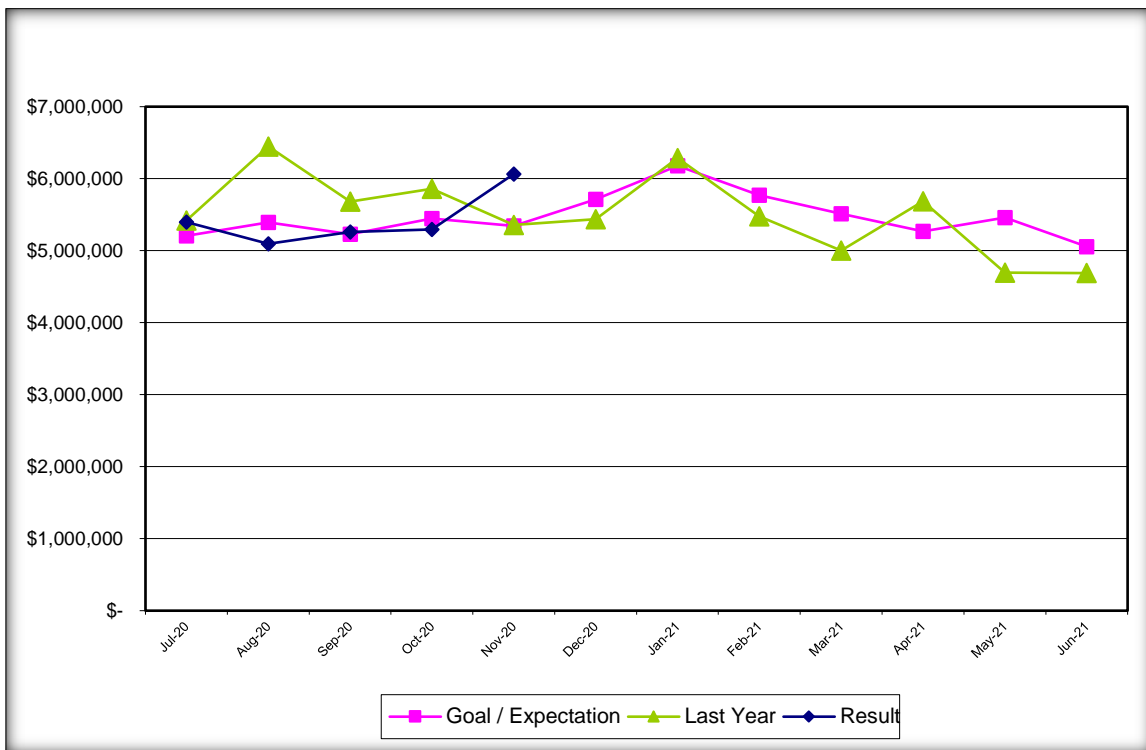


Figure 7: Fiscal Year 2021 Monthly Operating Revenue – Electric

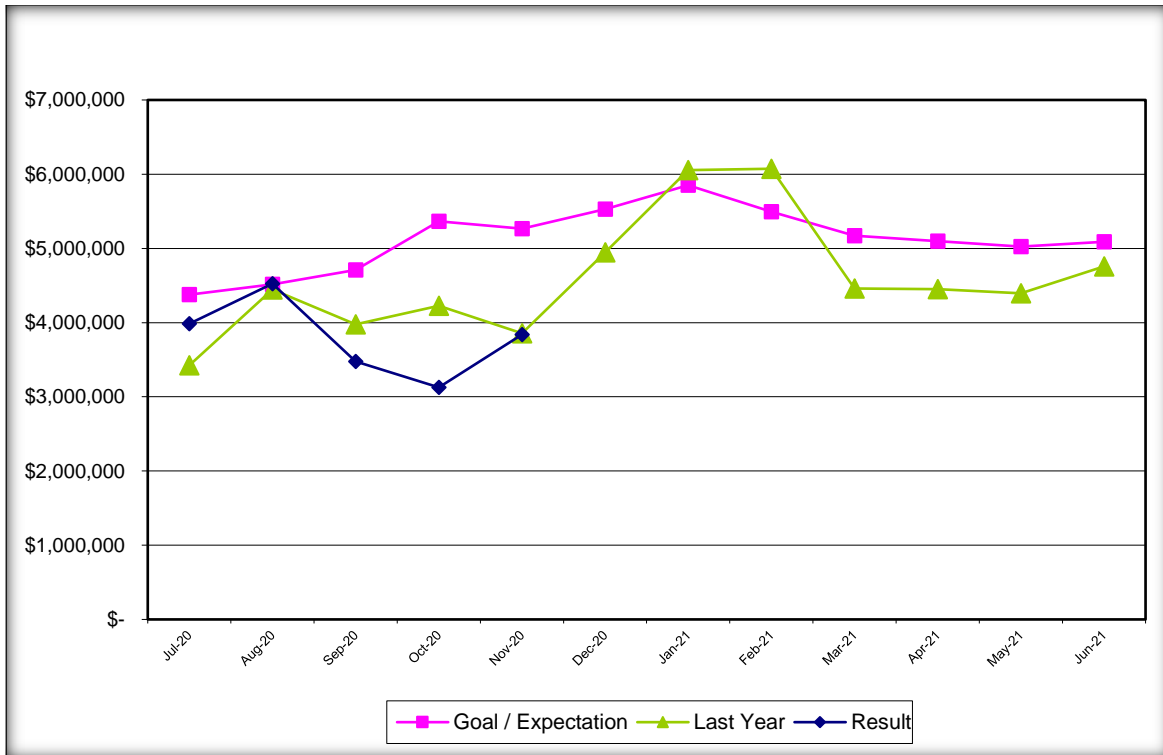


Figure 8: Fiscal Year 2021 Monthly Operating Expense – Electric

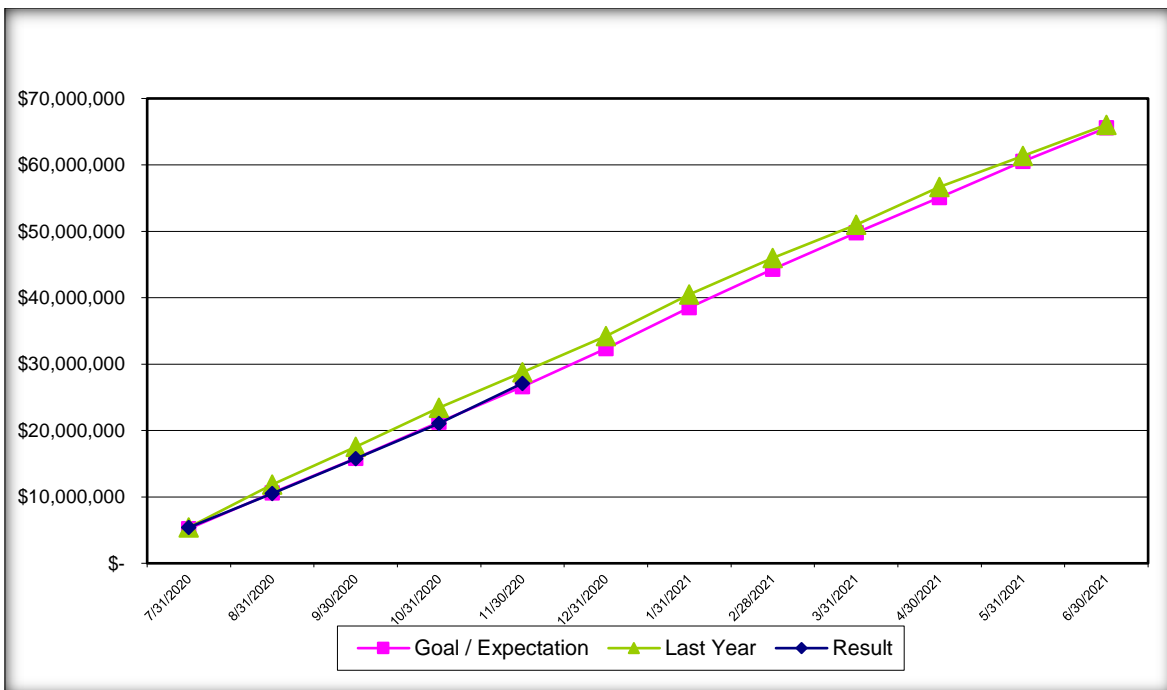


Figure 9: Fiscal Year 2021 Cumulative Operating Revenue – Electric

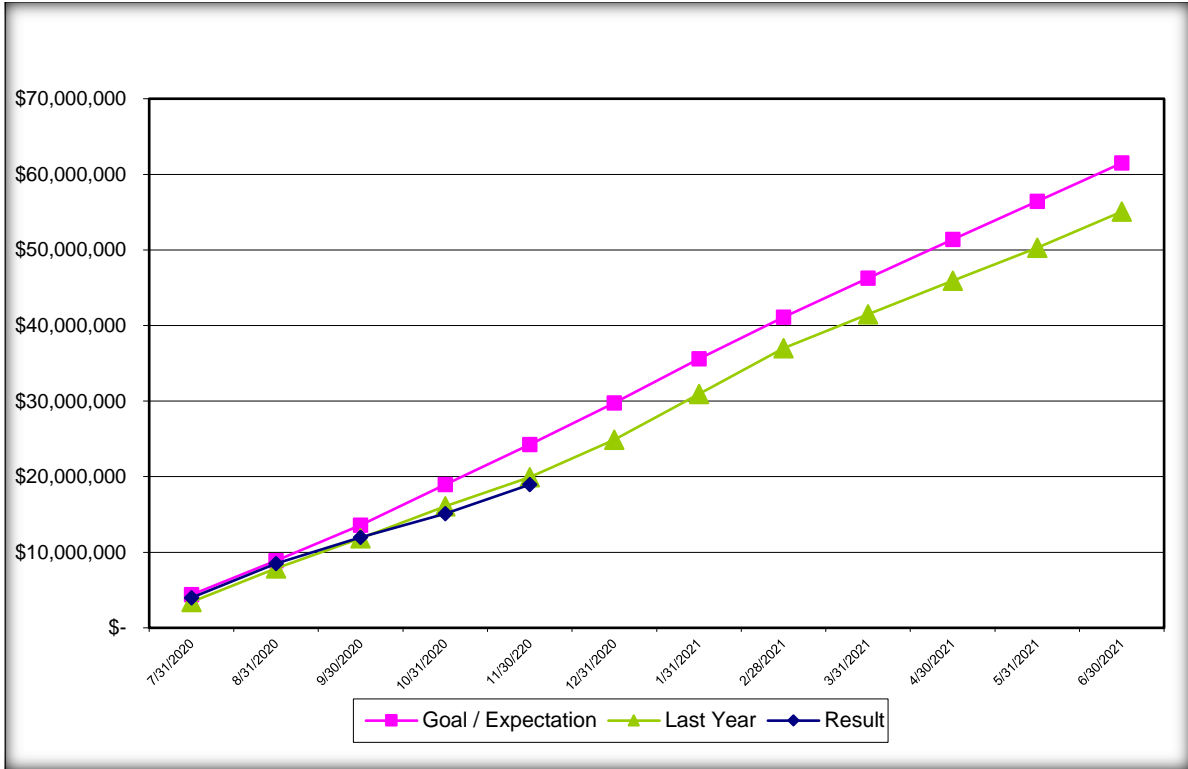


Figure 70: Fiscal Year 2021 Cumulative Operating Expense – Electric

OPERATIONAL STATISTICS

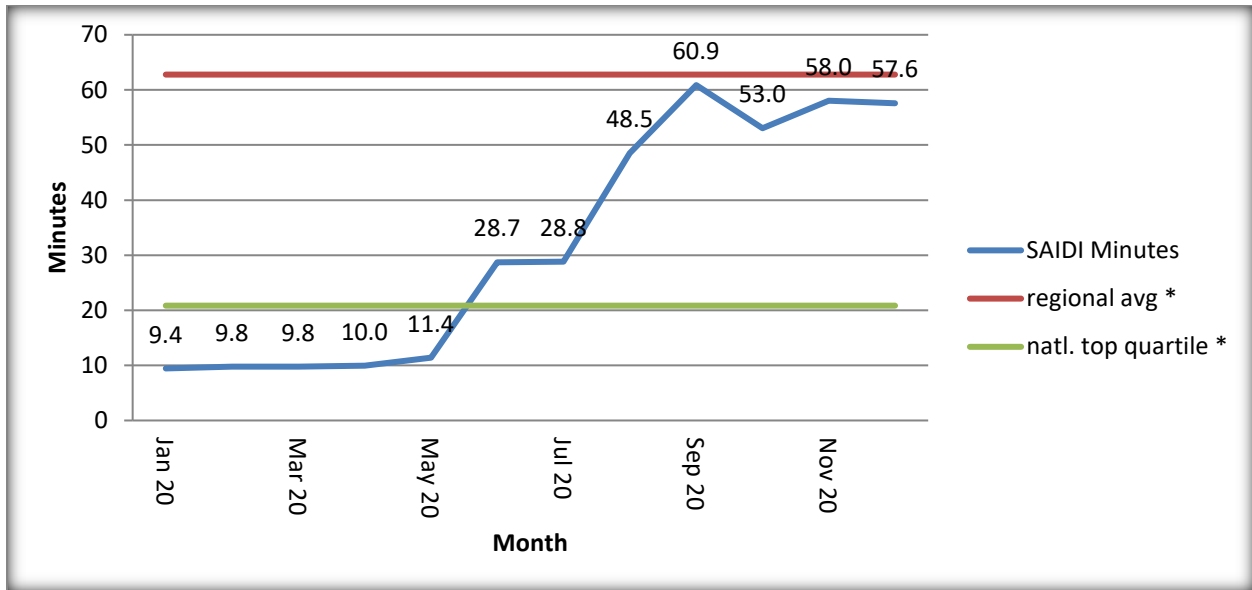


Figure 11: Rolling Twelve-Month System Average Interruption Duration Index (SAIDI)

*Based on Benchmark study of APPA Region 6

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

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."

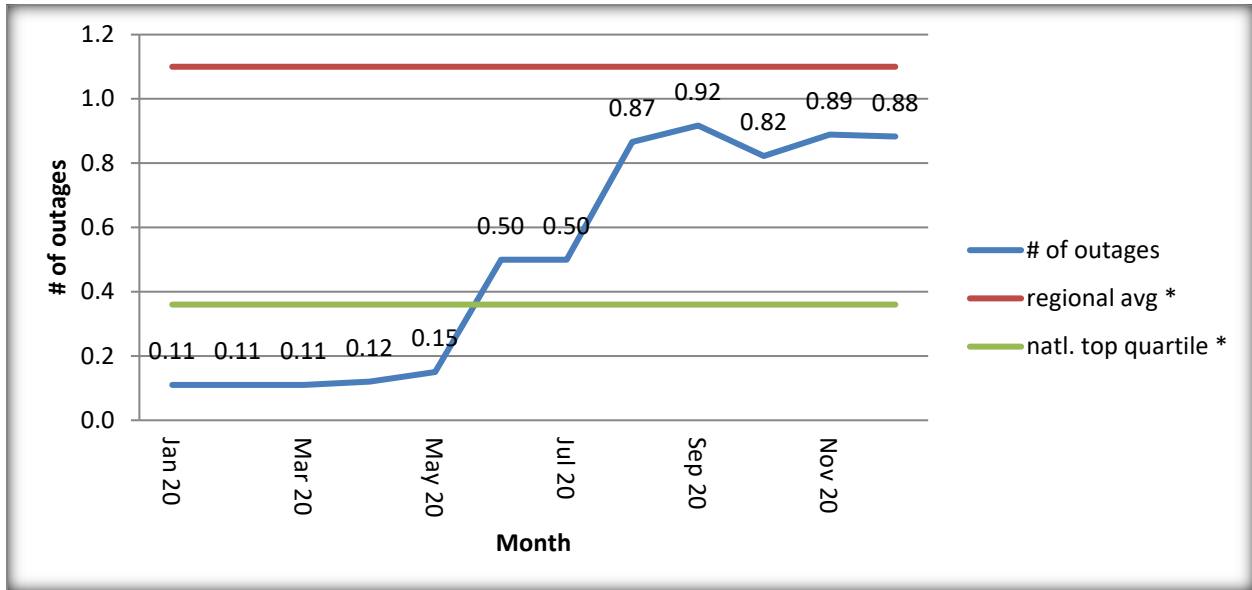


Figure 12: Rolling Twelve-Month System Average Interruption Frequency Index (SAIFI)

*Based on Benchmark study of Western Regional Utilities

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

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".

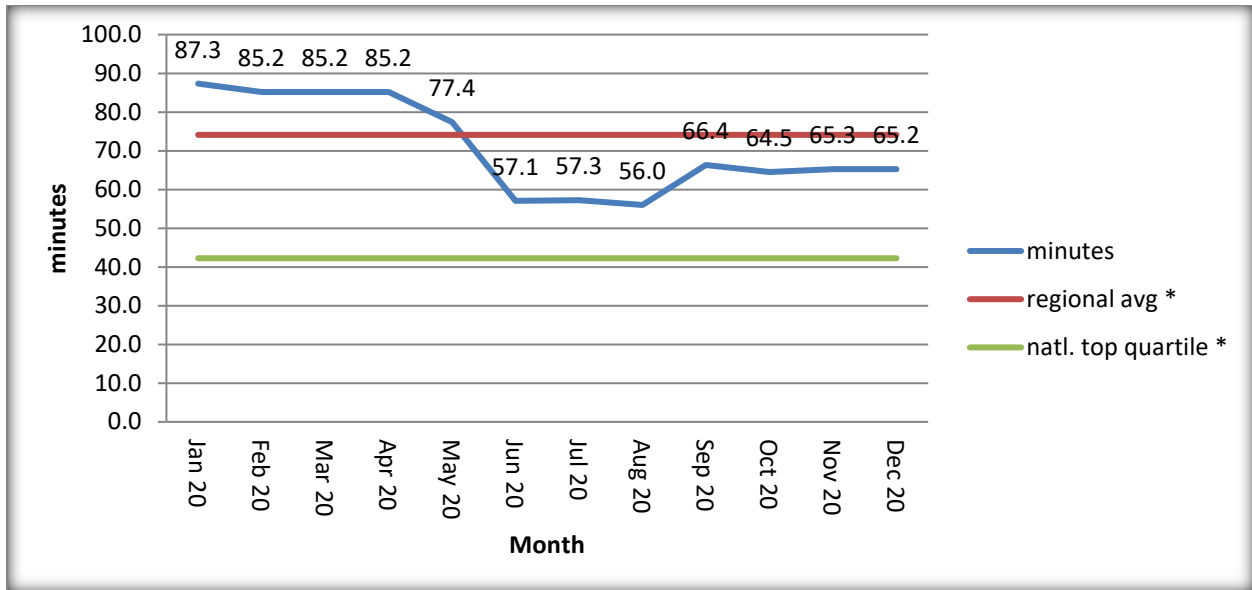


Figure 13: Rolling Twelve-Month Customer Average Interruption Duration Index (CAIDI)

*Based on Benchmark study of Western Regional Utilities

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

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.

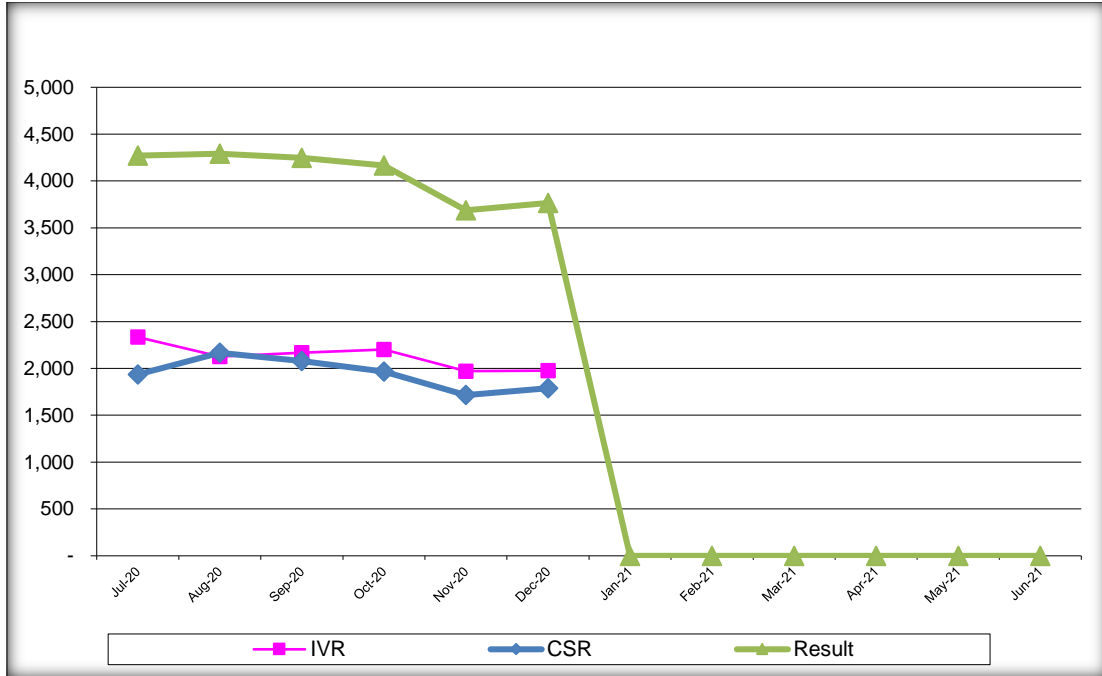


Figure 148: Fiscal Year 2021 Call Volume Through December 31, 2020