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A photograph of a winter landscape with snow-covered evergreen trees and a bright sun low on the horizon, creating a lens flare effect. The image is partially obscured by a large green arrow graphic pointing to the right.

# BUSINESS PROGRESS REPORT

## **JANUARY 2023**

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# Generation Costs & Reliability

## Combustion Turbine Project

### Unit Operation for December 2022

Unit	Availability		Production		Reason for Run
CT1 Alameda	Unit 1	Unit 2	Unit 1	0.0 MWh	CAISO / CAISO
	98.2%	98.2%	Unit 2	0.0 MWh	
Curtailments, Outages, and Comments:					
Unit 1:	12/27 @ 06:49 - 16:21 & 18:07 - 20:08; AT&T-owned communication circuit outage due to vandalism, OMS 12906886 & 12910192				
Unit 2:	12/27 @ 06:49 - 16:21 & 18:07 - 20:08; AT&T-owned communication circuit outage due to vandalism, OMS 12907373 & 12910199				
Unit	Availability		Production		Reason for Run
CT1 Lodi	100.00%		0.0 MWh		CAISO
Curtailments, Outages, and Comments:					
Normal operation.					
Unit	Availability		Production		Reason for Run
CT2 STIG	98.2%		914.2 MWh		CAISO
Curtailments, Outages, and Comments:					
12/12 @ 21:43 - 12/13 @ 11:00; Ambient temps below inlet icing threshold, OMS 12843992					
12/22 @ 16:07 - 18:08; Igniter issues led to late start, OMS 12891365					
Unit	Availability		Production		Reason for Run
LEC	100.0%		191,226 MWh		CAISO
Curtailments, Outages, and Comments:					
Normal operation.					

**Maintenance Summary – Specific per asset above.**

## Geothermal Facilities

### Availability/Production for December 2022

Unit	Availability		Net Electricity Generated/Water Delivered		Out-of-Service/Descriptors
Unit 1	100	%	28,415	MWh	U1 In service
Unit 2	100	%	*27,052	MWh	U2 was in service
Unit 3	N/A	%	N/A	-	Unit 3 remains out of service.
Unit 4	0	%	0	MWh	Unit 4 was in an outage
Southeast Geysers Effluent Pipeline	100	%	68.8	mgallons	Average flow rate: 1,501 gpm
Southeast Solar Plant	N/A		44,179	KWh	Year-to-date KWh: 1,267,322
Bear Canyon Pump Station Zero Solar	N/A		22,758	KWh	Year-to-date KWh: 1,267,322

\* Accounts for an additional 572 MWh of house load for the 21KV power supply to the effluent pipeline supplied from Unit #2.

## Hydroelectric Project

### Availability/Production for December 2022

Units	Availability	Net Electricity Generated	Out-of-Service
<b>Collierville Unit 1</b>	97.27%	8950 MWh	CV Unit 1 – Out of Service on 12/13/22 from 1058 to 1443 for Transformer Cooling Trouble and on 12/31/22 from 0732 to 2359 for High Tailwater.
<b>Collierville Unit 2</b>	97.78%	18619 MWh	CV Unit 2 – Out of Service on 12/31/22 from 0732 to 2359 for High Tailwater.
<b>Spicer Unit 1</b>	87.67%	602 MWh	NSM1- Out of Service on 12/1/22 to 12/5/22 from 1943 to 1522 for DTT Comm Trouble.
<b>Spicer Unit 2</b>	87.93%	0 MWh	NSM2- Out of Service on 12/1/22 to 12/5/22 from 2007 to 1355 for DTT Comm Trouble.
<b>Spicer Unit 3</b>	66.47%	89 MWh	NSM3- Out of Service on 12/1/22 to 12/5/22 from 1943 to 1522 for DTT Comm Trouble and on 12/10/22 to 12/12/22 from 1439 to 1236 for DTT Comm Trouble and on 12/27/22 to 12/31/22 from 0727 to 2359 for DTT Comm Trouble.

### Operations & Maintenance Activities:

- CMMS work orders
- Storm Damage Repairs

## Environmental, Health & Safety (EH&S) Projects Incident Reports

- There were no Cal OSHA recordable incidents, Lost Time accidents, or vehicle accidents in the month of December.
- Find below a Safety Report that highlights the following areas: recordable incidents and lost time accidents (LTAs) reported this period and this calendar year; the number of days since last recordable or LTA; the number of work hours since last recordable or LTA; and vehicle accidents reported this month and this calendar year. In September of 2012, Generation Services completed an internal audit of its records with the results reflected in this report and was updated through the payroll period ended December 31, 2022.
- The “CT Group” column reflects the combined safety numbers of all CT employees. Beginning with the November 2009 report, the CT Group Column also includes Lodi Energy Center staff.

### December 2022 Generation Services Safety Report

	Hydro	GEO	CT Group *	NCPA HQ **
Cal OSHA Recordable (this month)	0	0	0	0
Cal OSHA Recordable (calendar year)	0	0	0	0
Days since Recordable	811	435	2,826	3,810
Work Hours Since Last Recordable	69,207	92,762	427,576	2,898,454
LTA's (this month)	0	0	0	0
LTA's (calendar year)	0	0	0	0
Days without LTA	5,560	2,689	10,730	6,823
Work Hours without LTA	501,776	256,972	838,120	2,520,472
Vehicle Incident (month)	0	0	0	0
Vehicle Incident (calendar year)	0	0	2	0

\* CT Group: Combines CT-1, CT-2 and LEC Operations

\*\* NCPA HQ: Roseville employees at the Main Office

Data originates from OSHA logs, HR records and payroll information.  
Days and Hours are calculated through pay period ended December 31, 2022.

## Power Management/NCPA Market Results

### Dispatch and Schedule Coordination

- NCPA Dispatch and Schedule Coordination Center safely, reliably, and economically schedules, monitors, and manages NCPA and NCPA member power resources and loads 24 hours per day, 7 days per week on a continuous basis. This process includes balancing MSSA loads and resources on a 5-minute basis, optimizing NCPA resources and minimizing ISO costs.
- NCPA MSSA Load Data:

#### **Current Year 2022 Data**

	<b>December 2022</b>		<b>Calendar Year 2022</b>	
	Peak MW	MWh	Peak MW	MWh
NCPA Pool	345.08 12/19 @ 1800	199,378	511.56 9/6 @ 1600	2,291,933
SVP	551.94 12/8 @ 1100	380,807	687.74 9/6 @ 1300	4,516,186
MSSA	890.41 12/19 @ 1800	580,185	1176.2 9/6 @ 1400	6,808,119

#### **Last Year 2021 Data\***

	<b>December 2021</b>		<b>Calendar Year 2021</b>	
	Peak MW	MWh	Peak MW	MWh
NCPA Pool	337.94 12/15 @ 1800	196,142	440.56 6/17 @ 1700	2,252,533
SVP	534.48 12/13 @ 1200	365,484	591.96 8/27 @ 1500	4,133,860
MSSA	870.98 12/15 @ 1800	561,626	1025.46 6/17 @ 1700	6,386,393

\*Last year's data added for comparison purposes only

#### **System Peak Data**

	<b>All Time Peak Demand</b>	<b>2022 Peak Demand</b>
NCPA Pool	517.83 MW on 7/24/06 @ 1500	511.56 9/6 @ 1600
SVP	687.74 MW on 9/6/22 @ 1300	687.74 9/6 @ 1300
MSSA	1176.20 MW on 9/6/22 @ 1400	1176.2 9/6 @ 1400

- NCPA MSSA has a Deviation Band with the CAISO, which is used as a performance measure by the CAISO. The ability to stay within this Deviation Band is a measure of NCPA Dispatch's ability to balance the MSSA Loads and Resources on a 5-minute basis. The following NCPA Deviation Band Performance table includes all deviations, including deviations from unit forced outages, metering and load outages, COTP, Western, and WECC curtailments.

<b>NCPA Deviation Band Performance</b>		
	<b>December 2022</b>	<b>Calendar Year 2022</b>
MSSA % Within the Band	99.09%	98.45%

- **12/10/2022 Northern CA Region TRANSMISSION EMERGENCY Notice [202202740]**

The California ISO hereby issues a Northern CA Region TRANSMISSION EMERGENCY Notice effective 12/10/2022 09:15 through 12/11/2022 16:00 based on conditions as of 12/10/2022 09:28.

Reason:

CAISO is declaring a Transmission Emergency in the Humboldt area only due to weather and loss of key elements.

- **12/20/2022 Northern CA Region TRANSMISSION EMERGENCY Notice [202202744]**

The California ISO hereby issues a Northern CA Region TRANSMISSION EMERGENCY Notice effective 12/20/2022 03:21 through 12/21/2022 17:00 based on conditions as of 12/20/2022 03:25.

Reason:

Transmission Emergency in the Humboldt area due to earthquake.

### **Pooling, Portfolio Planning & Forecasting**

- NCPA Pool loads during December 2022 were 199,378 MWh versus the budget forecast of 192,931 MWh, resulting in a forecast error of 3.23%. The current weather outlook for January 2023 is for below normal temperatures and above normal rainfall. The Pool's January load forecast is 197,659 MWh compared with extrapolated actuals of 194,945 MWh as of January 11, 2023.
- Lodi Energy Center (LEC) ran 700 hours out of a possible 744 producing 191,229 MWh. Natural gas and power prices are significantly higher than a year ago due to gas basis difference between PG&E City and Henry Hub.
- During December 2022, 13.96" of rain was recorded at the Big Trees gauge. December average rainfall at Big Trees is 7.02". New Spicer Meadows storage increased by just over 3,500 acre feet in December.
- The Value of Storage (VOS) of New Spicer Meadow Reservoir (NSMR) has been maintained at \$500/MWh. Releases from NSMR have been set to meet and maintain the November 1<sup>st</sup> minimum Big Trees flows of 100 cfs.
- New Spicer Meadows storage as of December 31, 2022 was 78,863 acre feet. The historical average storage at the end of December is 79,909 acre feet. As of January 10<sup>th</sup>, storage was 84,456 acre feet.
- Combined Calaveras Project generation for the Pool in December 2022 totaled 13,775MWh, up from 6,474 MWh in November 2022.
- Western Base Resource (BR) deliveries for the Pool during December 2022 were 3,591 MWh. Displacement program energy totaled 0 MWh. The Pool's share of expected total delivery from the Western Base Resource for January 2023 is 2,000 MWh, with 1,327 MWh having been delivered through January 11, 2023.



- The PG&E Citygate gas index averaged \$30.53 / MMBtu during the month of December as compared to an average of \$9.57 for November. January 2023's current average price is \$17.39 through the 11<sup>th</sup>. The February 2023 PG&E Citygate forward price is \$18.09 / MMBtu.
- Day-Ahead PG&E DLAP electricity prices for December averaged \$277.30 / MWh On-Peak and \$262.59 Off-Peak, with a high of \$614.189. DLAP prices have averaged \$176.99 On-Peak and \$143.07 Off-Peak for the period January 1<sup>st</sup> through the 11<sup>th</sup>. The forward power prices for February are \$209.63 On-Peak and \$175.68 Off-Peak.

## **Industry Restructuring, Contracts and Interconnection Affairs**

### **Resource Adequacy Compliance Filings**

- NCPA made the following Resource Adequacy compliance filings with the CAISO for the compliance period of March 2023:
  - Monthly System Resource Adequacy Demonstration (filed January 15, 2023)
  - Monthly Supply Plan (filed January 15, 2023)

### **Industry Restructuring**

NCPA is actively participating in a number of CAISO stakeholder initiatives on behalf of the Members. The following is a brief description of key active initiatives:

#### **Generator Deliverability Challenges**

The California ISO anticipates initiating a review of the deliverability assessment methodology by the end of Q1 2023 to ensure deliverability requirements strike the appropriate balance between reliability and cost containment, and that the reliability requirements are not unduly burdensome.

- CAISO published an “update paper” on Dec. 13, 2022 addressing three primary deliverability assessment methodology concerns from developers:
  - Dispatch assumptions...and in particular, simultaneous dispatch of resources in resource basins
  - The need for a High System Need and Secondary System Need scenario that was developed in 2019 replacing the former single peak load scenario.
  - Consideration of n-2 and extreme events per NERC Standard TPL-001
- ISO stated it has not found the specific concerns raised to the ISO to date substantiating a material issue with the existing methodology, nevertheless it intends to initiate a review of the methodology by the end of Q1 2023 to ensure the deliverability requirements strike the appropriate balance between reliability and cost containment, and that the reliability requirements are not unduly burdensome.
- ISO will continue to incorporate any changes to inputs and assumptions that developed organically as system needs and the current and projected resource fleet evolves – in particular, the ISO expects to revisit the dispatch assumptions for offshore wind in the very near future.
- ISO is interested in exploring if some sort of transitional relief would be appropriate, particularly when delays to network upgrades impact resource development. ISO will

also look to explore initiating stakeholder discussion on this issue by the end of Q1 2023.

- Next steps:
  - The ISO will review and incorporate relevant stakeholder feedback and prepare issue papers regarding items (1) and (3) above to initiate stakeholder processes on these topics by the end of Q1 2023. A stakeholder meeting will be scheduled in the week of Jan 16, 2023.
  - Regarding the need for future Interconnection Process Enhancements, the ISO will keep stakeholders informed as the situation evolves.

### Wheeling Access Charge Clearing

NCPA submitted a request for CAISO to initiate a stakeholder process that will explore modifying monthly WAC invoicing to weekly WAC invoicing in order to provide credit obligation relief. NCPA believes it is unduly required to post excessive collateral in order to support arbitrary monthly invoicing and those funds could be freed up for higher priorities such as continued renewable procurement and ratepayer relief if CAISO simply modifies the clearing cycle from monthly to weekly consistent with most other charge codes.

### Extended Day-Ahead Market

This initiative will develop an approach to extend participation in the day-ahead market to the Western Energy Imbalance Market (WEIM) entities in a framework similar to the existing WEIM approach for the real-time market, rather than requiring full integration into the CAISO balancing area. The extended day-ahead market (EDAM) will improve market efficiency by integrating renewable resources using day-ahead unit commitment and scheduling across a larger area.

- Next steps:
  - February 2023 ISO Board of Governors and WEIM Governing Body joint meeting (decision).

### Transmission Services and Market Scheduling Priorities Phase 2

As part of the Market Enhancements for Summer 2021 Readiness initiative, the ISO committed to undertaking an initiative to develop a long-term, holistic, framework for establishing scheduling priorities in the ISO market. This initiative will evaluate the development of this holistic, long-term, framework while also evaluating near-term enhancements to the current scheduling priority framework that can be implemented by next summer.

- Next steps:
  - Week of Jan 09, 2023 Draft Final Proposal posting
  - Week of Jan 16, 2023 Meeting
  - Week of Jan 30, 2023 Comments due
  - Jan-Feb 2023 Draft tariff language and business requirement specifications
  - Week of Feb 20, 2023 Final proposal posted
  - Week of Feb 27, 2023 meeting
  - Mar 2023 WEIM Governing Body and Board of Governors meeting

## Day-Ahead Market Enhancements

This initiative will explore a new day-ahead product that will address ramping needs between intervals and uncertainty that can occur between the day-ahead and real-time markets.

- Next steps
  - Jan. 2023 – Draft business requirement specifications and tariff development
  - Jan. 10 – Final proposal posting
  - Feb. 1 – Joint ISO Board of Governors and WEIM Governing Body meeting (decision).

## Western

Western Base Resource Tracking - NCPA Pool							
	Actual			Costs & Rates			
	BR Forecast <sup>1</sup> (MWh)	BR Delivered (MWh)	Difference (MWh)	Base Resource & Restoration Fund (\$)	Monthly Cost of BR <sup>2</sup> (\$/MWh)	CAISO LMP Differential <sup>3</sup> (\$/MWh)	12-Mo Rolling Avg. Cost of BR <sup>4</sup> (\$/MWh)
Jul-22	51,082	26,633	(24,449)	\$1,733,503	\$ 65.09	\$ (0.41)	\$ 68.38
Aug-22	33,542	18,632	(14,910)	\$1,733,503	\$ 93.04	\$ 2.72	\$ 80.68
Sep-22	20,613	7,893	(12,720)	\$1,605,598	\$ 203.42	\$ (0.55)	\$ 92.15
Oct-22	8,931	10,637	1,706	\$609,688	\$ 57.32	\$ 0.67	\$ 100.68
Nov-22	-	4,164	4,164	\$609,688	\$ 146.42	\$ 0.04	\$ 102.78
Dec-22	-	3,591	3,591	\$609,688	\$ 169.78	\$ 0.28	\$ 99.99
Jan-23	12,388	-	0	\$609,688	\$ 49.22	\$ -	\$ 91.77
Feb-23	18,712	-	0	\$609,688	\$ 32.58	\$ -	\$ 84.29
Mar-23	12,955	-	0	\$609,688	\$ 47.06	\$ -	\$ 82.50
Apr-23	41,280	-	0	\$1,571,328	\$ 38.07	\$ -	\$ 70.46
May-23	74,195	-	0	\$1,571,328	\$ 21.18	\$ -	\$ 55.09
Jun-23	78,807	-	0	\$1,571,328	\$ 19.94	\$ -	\$ 44.30
1/ As forecasted in NCPA 22/23 Budget							
2/ = (Western Cost + Restoration Fund)/BR Delivered, for Pool Participants only.							
3/ = (MEEA LMP - PG&E LAP LMP) using public market information (i.e. not settlement quality).							
4/ Based on BR Delivered (Actual) when available and BR Forecast in all other cases. Includes CAISO LMP impact.							

- NCPA Pool received 3,591 MWh of Base Resource (BR) energy in December 2022 with an estimated MEEA savings of \$1,000. There was zero displaced energy as the program is temporarily suspended.

## CVP Rate Case (Rate Order No. WAPA-207)

WAPA intends to file a 5-Year Power Formula Rate under Rate Order No. WAPA-207 for Central Valley Project (CVP) Power, Transmission, and Ancillary Services; and the California-Oregon Transmission Project (COTP) Transmission. This is for rate schedules that are set to expire on September 30, 2024 and December 31, 2024. A separate rate case will be conducted for the Pacific Alternating Current Intertie (PACI) rate schedule as the Transmission Exchange Agreement (TEA) is set to expire on December 31, 2024.

At the 11/30 informal customer meeting, WAPA covered the following topics: Transmission & Ancillary Services Repayment Fundamentals and overview on Ancillary Services, EIM Services, Cost Basis, Rate Design and Existing Rate Schedules.

- Key points: No changes to the existing formula rate. No material changes to the redlined rate schedules. WAPA is proposing one rate period for COTP, current rate schedule has four rates, one for each season.
- Next informal customer meeting is scheduled will be held in March or April 2023. WAPA will provide an overview for Formal Process.

## **Interconnection Affairs**

### **PG&E RY2023 Annual Update**

#### *Background*

- July 2022 PG&E proposed RY2023 (Jan 1 to Dec 31, 2023) transmission rates:

PG&E Wholesale Rates	RY2022 (Current)	As Filed RY 2023	% Change
Revenue Requirement	\$2.6B	\$2.9B	12%
HV TAC (\$/MWH)	\$12.62	\$11.30	-10%
LV TAC (\$/MWH)	\$17.51	\$22.12	26%

- Major rate increase contributing factors were:
  - \$46M increase to A&G expenses
  - \$38M increase to O&M expenses
  - \$29M increase to Depreciation Expense
  - \$85M increase to Return on Rate Base
- Joint Interveners (TANC, CPUC, Six Cities, CDWR) engaged in the 2023 TRR review process to negotiate with PG&E over amounts found to be excessive or unsupported

*Jan 1, 2023 PG&E Effective Rates are as follows:*

As filed compared to effective rate savings is mostly due to TRBA and Standby account credits

PG&E Wholesale Rates	As Filed RY 2023	Effective RY 2023	Delta	% Change
Revenue Requirement	\$2.9B	\$2.7B	\$0.20B	-7%
HV TAC (\$/MWH)	\$11.30	\$9.50	\$1.80	-16%
LV TAC (\$/MWH)	\$22.12	\$20.40	\$1.72	-8%

## Outstanding Items

- Wildfire Disallowance
  - Wildfire cost should not be borne by ratepayer namely for the Kincade, Zogg, or Drum Fires
  - Legal and consultant fees for PG&E's bankruptcy, federal probation, underwriting certain debt costs, the 2015 Butte Fire, the Camp Fire, and the 2017 Northern California Wildfires should be excluded
  - Costs directly caused by the Camp Fire, including reconnecting the Grizzly Powerhouse to the transmission grid, should not be paid by ratepayers
- Vegetation Management
  - Vegetation management work for clearance work on existing transmission line right-of ways should be expensed, not capitalized, as this type of work should be characterized as operation and maintenance
- Cathodic Protection
  - Cathodic protections should be expensed, not capitalized
- Tower Coating
  - PG&E should be expensing, rather than capitalizing, transmission tower inspections
  - PG&E should expense tower coating costs for towers that are past their original estimated useful life
- SBA Communications
  - PG&E entered into agreements with SBA Communications, under which PG&E granted SBA Communications exclusive licenses of intellectual property and PG&E received approximately \$938 million
  - While FERC approved a 22-year amortization of PG&E's proceeds, we should determine whether customers are receiving interest on the amortized portion of PG&E's proceeds and whether costs are properly allocated

## Calendar Year 2023 Transmission Rates

Transmission Rates	Current 2022	Effective 2023	Delta	% Change
Regional HV TAC (\$/MWH)	\$16.62	17.77 <sup>1</sup>	\$1.15	7%
LV TAC (\$/MWH)	\$17.51	\$20.40	\$2.89	17%
Note <sup>1</sup> : TANC Estimate				

TANC is currently engaged to determine what amounts can be recovered by the outstanding items and what the rate impacts will be

## Rate Case Update – TO18 Refunds

### *Background*

- PG&E calculated refund amount to be \$234M
- PG&E's compliance filing stated ISO is responsible for administering the refunds
- JI protested the refunds calculation citing three issues
- ISO stated it will not issue refunds until there is a FERC Order on PG&E's compliance filing

### *Current Status*

- JI and PG&E have settled two of the three outstanding issues

### *Next Steps*

- Mid October – JI and PG&E make a joint filing describing the settlement of two of the three remaining issues and ask FERC to issue an order. This hopefully should allow ISO to issue refunds.

## **Debt and Financial Management**

- Prior to closing out 2022, the Fed continued their pace of lifting rates to combat inflation hoping higher borrowing costs will curb hiring, spending, and investment. During their December meeting, officials increased their benchmark Fed Funds rate by 0.50 percentage points bringing it to a range of 4.25% and 4.50%. This capped a year that saw the central bank raise rates by a collective 4.25%.
- In the Fed's statements, the Committee anticipates that ongoing increases in the target range will be appropriate in order to attain a stance of monetary policy that is sufficiently restrictive to return inflation to 2 percent over time. New economic forecasts show officials now see benchmark interest rates peaking at 5.1% in 2023, an extra 50 basis points higher than the previously projected 4.6% back in September. Officials then see rates coming down to 4.1% in 2024, slightly higher than previously projected.
- Over the last two months, CPI data have shown signs of cooling indicating that the runaway inflation that has been gripping the economy is beginning to loosen up. November's CPI rose just 0.1% from the previous month and increased 7.1% from a year ago. Economists were expecting 7.3%. CPI for December reflected a 6.5% in prices over the last year and a 0.1% decrease over the prior month. This was on par with the consensus estimates. Despite the recent declines in inflation, the cost of essential items remains stubbornly high and well above the Fed's long-term inflation target of 2%.

## **Schedule Coordination Goals**

### **Software Development**

- Applications and Enhancements under development

- Development of the Renewable Portfolio Standards application continues and data validation continues. Rollout delayed pending completion of other higher priority projects
- Integrations
  - Antelope Expansion 1B Solar resource being integrated into the NCPA Pool's portfolio, COD has been pending completion of CAISO approval process. Systems ready once COD is cleared.
- IS currently working in collaboration with Accounting and the consultants to streamline the agency's Budgeting Process and Accounting Reports. System configuration is on-going.
- Development team going through Cross-Training exercises to manage the increasing technical support needs
- IS assisting SVP to transition some of their RIOB and SNCL Settlements processes utilizing NCPA's software technology.

### **Network**

- SCADA and Networking team is currently working with EBCE and consultants to configure and integrate Daggett Solar and Battery resource into the power portfolio. Go live is expected in Spring of 2023.
- IS continues the work toward preparing the HQ and DRC Control Centers to be compliant with the NERC CIP Medium standards. This includes working with Compliance department and consulting company Archer to vet vendors that NCPA uses to complete the CIP-013 supply chain standard. Additionally, IS has received approval to advertise for a new Cyber Security Analyst position that will be responsible to implement and help oversee the technical responsibilities of NERC CIP Medium.
- Operations and Support is working with CT plant personnel to configure their new phone system as part of the Enterprise VOIP upgrade. It is expected to be completed by late January/early February.
- IS continues to work with facilities to replace an outdated visitor management software program with a new solution called Splan. This work includes setting up new servers and working with our security vendor to install the necessary applications and services. Expected to be completed by Winter of 2023.

## **NCPA Bills & Settlements**

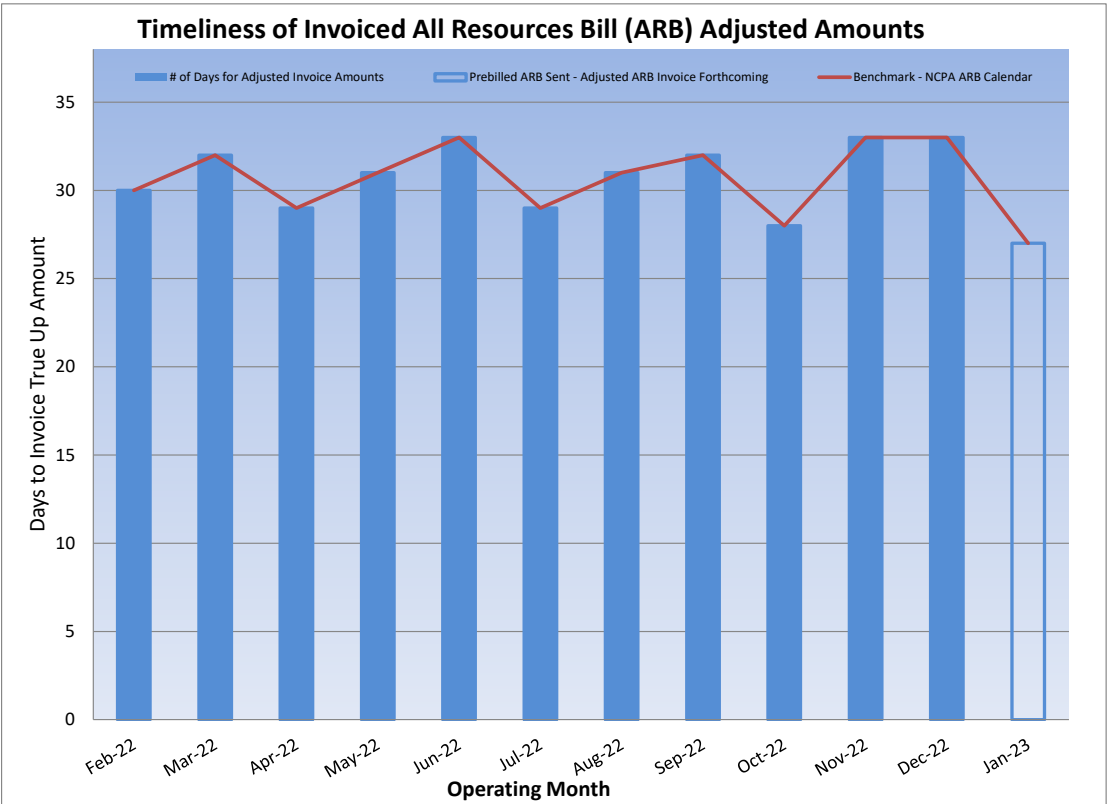
### **Progress Against the Strategic Plan**

*Adjusted Power bills, which include CAISO transactions, invoiced to members the following month subsequent to the monthly pre-billed ARB month. Timely ARB settlements adjustments help improve members' cash flow and reconciliation of their budget performance.*

The January 2023 NCPA All Resources Bill (ARB) monthly invoice sent to members on December 23, 2022 contains:

- January 2023 monthly pre-billed budget/forecast amounts;
- November 2022 (1st Adjustment) NCPA Project and CAISO Initial settlement true-ups;

- October 2022 (2nd Adjustment) NCPA Project settlement true-up and T+20 business day recalculated CAISO settlement true-up allocations;
- August 2022 (3rd Adjustment) T+70 business day recalculated CAISO settlement true-up allocations and NCPA Projects true-up;
- December 2021 (4th Adjustment) T+11-month recalculated CAISO settlement true-up allocations;
- January 2020 (6th Adjustment) T+33-month recalculated CAISO settlement true-up;
- October 2019 (7th Adjustment) T+36-month CAISO settlement true-up;



**Legislative & Regulatory**

- On December 8, the Joint POUs, including NCPA and several NCPA Members, met with the CARB ZEV Infrastructure Team to provide information on the POU interconnection process, infrastructure costs, uncertainty surrounding potential ZEV load, and the state’s efforts in creating a platform to share fleet data with utilities. CARB Staff requested the meeting to help inform the state’s programs and regulations related to ZEV infrastructure. A follow up meeting is expected in the coming months with an update on the state’s progress on a data sharing platform, and to discuss forecasting future transportation electrification energy demands.

**Human Resources**

**Hires:**

- Shannon McCann joined NCPA Headquarters as an Energy Resource Analyst IV, effective November 28, 2022. Shannon joins us from SMUD, where she was a Load



Research and Forecasting Supervisor. In this role, she conducted and supervised staff in the development of load research and forecasting of energy sales, coordinated research activities for program evaluations and ran complex queries, and manipulated data from various software systems. Shannon brings 20 years of experience. Shannon holds a Bachelor of Science degree in Computer Engineering from Santa Clara University.

**Intern Hires:**

None.

**Promotions:**

- Rafael Santana was promoted to Combustion Turbine Plant Manager effective December 18, 2022. Rafael joined NCPA in 2010 as an Operations and Maintenance Supervisor. Throughout his time at the Agency, Rafael has demonstrated a high level of professionalism and commitment to Agency goals. He was instrumental in providing oversight to the construction and commissioning of LEC, including onboarding and training staff before and after its initial start-up. In addition, Rafael has made significant contributions to LEC's maintenance program, which has prepared the CT1 units for their critical support because of renewable resources.

**Separations:**

- Donald Green retired from his position as Supervisor II with the Geothermal Operations department on November 30, 2022, after 34 years of service.
- Roger North retired from his position as an Operator Technician- Lead with the Geothermal Operations department on December 29, 2022, after 35 years of service.