

Southern California Public Power Authority

Annual Report

FY 2021-22



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About SCPPA

Who We Are

The Southern California Public Power Authority (SCPPA) was formed in 1980 as a not-for-profit joint powers agency whose members include the cities of Anaheim, Azusa, Banning, Burbank, Cerritos, Colton, Glendale, Los Angeles, Pasadena, Riverside, and Vernon, and the Imperial Irrigation District. Each SCPPA Member is a publicly owned electric utility governed by a city council or board consisting of elected public officials. These public officials, who live and work in the same community as their customers, are dedicated to meeting the needs of the residents and businesses they serve. SCPPA's Members serve more than 5 million Californians (2 million customers) across a service area of 7,000 square miles. Collectively, SCPPA Members supply 16% of California's power.

What We Do

Through the power of joint action, SCPPA assists SCPPA Members by facilitating collaboration and bringing economies of scale for projects and programs. As SCPPA Members lead their communities to a 100% clean energy future, SCPPA has been making significant investments on behalf of its Members to procure clean energy resources and support energy efficiency and demand-side management programs. SCPPA also provides a forum for SCPPA Members to share technical expertise and receiving training that strengthens their efforts to provide clean, affordable, reliable, and safe energy to residents and businesses they serve.

Vision

The Members of Southern California
Public Power Authority Work Together
To Power Reliable And Sustainable
Communities



Mission

SCPPA Supports The Goals And Strategies of
Its Members Through The Joint Procurement
and Financing of Projects, Value-Added
Services, and Providing Collaborative
Advocacy.

Strategic Priorities



DECARBONIZATION

Champion decarbonization efforts for Member communities through collective projects, programs, and services to meet sustainability goals while maintaining reliability, low costs, and local control.



EMERGING ISSUES

Help Members thrive and excel for the long term by exploring technological and operational solutions to emerging industry challenges and opportunities.



COLLABORATION

Foster collaboration and professionalism for SCPPA and its Working Groups to maximize the value of SCPPA to its Members and the communities they serve.



ASSETS

Be trustworthy stewards of public funds through the responsible administration of financial and physical assets and obligations.



ADVOCACY

Emphasize the unique needs of Member communities by facilitating proactive advocacy.

SCPPA Board President's Letter



Tom Miller
Electric Utility Director
Banning Electric Utilities

My dad had a wonderful career in the power industry spending most of his time advising electric cooperative Board of Directors on the cost-effective planning, financing, constructing, managing, and operating of their utilities. One of dad's observations was good boards perpetuate good boards, and not-so-good boards have constant turmoil. When I asked him what he thought the key to a good board was he said "discipline." I have learned that staying focused is what dad really meant. One of the most important board motivations (focuses) is a good relationship with the executive director, and we have a dandy!

Mike supports the SCPPA Board with leadership that is both disciplined and focused. The most important focus has been two significant reviews of the joint powers agreement (JPA) and the role and purpose of Southern California Public Power Authority (SCPPA). These reviews have produced significant Board discussions and have provided clarity for establishing SCPPA's strategic priorities. I was very proud of SCPPA's staff input by providing the framework for the organization's mission, values, and strategic priorities. Updating the Board's strategic priorities was/is a team effort. SCPPA is laser focused on our priorities. I am confident that the SCPPA JPA is vital and strong. We look forward to new and innovative projects and programs that advance our Members' communities.

SCPPA has a good relationship with our executive director and a well-documented strategic plan. This lends to policy development and implementation in support of SCPPA goals and objectives. Setting sound policy takes discipline and execution takes integrity. One might argue that SCPPA's Procurement and Purchasing Policy is the most important integral policy of the Board. At the direction of the SCPPA Board of Directors, the procurement and purchasing policy has been internally reviewed, including legal scrutiny, and revised. Further, the policy is undergoing a rigorous review by outside subject matter experts. Preliminary reports have been favorable, and any suggestions for improvement will be considered in depth by the Board for implementation. Paramount to the Board is trust and transparency. SCPPA will triumph in this vein!

My presidency of SCPPA is coming to an end and I pray that I have used my opportunity to perpetuate a good board. I have been blessed to be surrounded by a Board of outstanding community leaders, top-drawer professionals, well-disciplined experts, and industry focused colleagues. My fellow Board members are humble public servants that continually demonstrate trust, honesty, and integrity. Serving with you is a career highlight!

May God bless you and keep the lights on!

Tom Miller

SCPPA Executive Director's Letter



Michael S. Webster
Executive Director
*Southern California Public
Power Authority*

It seems like the only constant in the utility business is “change”.

We continued to have staff transitions in 2021 for retirement and other job opportunities. As a result, we have made key hires in the Government Affairs office with the promotion of Elisabeth De Jong to Government Affairs Manager and the hiring of a new Energy Policy Advocate, Natalie Seitzman, who comes from the Assembly Committee on Utilities and Energy where she served as a California Council on Science and Technology Policy Fellow. Steve Starks has also joined SCPPA’s leadership team to manage our energy efficiency/demand reduction programs and associated Working Groups. Steve has over 30 years of experience in this field from one of our Member municipal utilities. We also had a transition in General Counsel with Christine Godinez taking the helm with 20 years of experience practicing law at a Member municipal utility.

This year we saw significant resources allocated to energy through Federal and State actions. The Infrastructure Investment and Jobs Act, the Inflation Reduction Act, and State initiatives has put billions of dollars at work to transform electric generation, transmission, and storage to meet climate goals while promoting electric transportation infrastructure. The Inflation Reduction Act also gave municipal utilities the benefits of the Investment Tax Credit and Production Tax Credit that previously was only available to taxable entities. This will likely transform how we think about procuring and financing renewable generation, storage, hydrogen, and other clean energy projects.

Corruption has shattered the public trust of local cities. We need to constantly remind ourselves that our Members and the communities they serve expect and deserve the best that public service has to offer.

To that end, we have also launched an extensive review of our procurement processes so our Members can trust that we are conducting fair, competitive, and transparent procurement.

The Board has approved our Value Statements that are part of our Strategic Plan, but it is good to remind everyone what we stand for;

SCPPA will add value by...

- Being a credible and respected source of knowledge for our Members and the communities they serve.
- Acting with integrity, honesty, and fairness.
- Being nimble and responsive to the needs of our Members
- Practicing fiscal responsibility and seeking cost-effective solutions
- Being accountable and transparent, understanding diverse voices and being inclusive with our Members, Member communities, and our employees.
- Planning for a sustainable future for public utilities through innovation and collaboration.

SCPPA staff are prepared and committed to bring the value of joint action to support our Members with reduced costs, efficient program and project deployment, and in the most professional and ethical manner in which we can all be proud.

Michael S. Webster



SCPPA Board Officers

2021-2022



Tom Miller

Enrique B. Martinez

Dawn Roth Lindell

President

1st Vice President

2nd Vice President



Michael S. Webster

Martin L. Adams

Peter Huynh

Christine Godinez

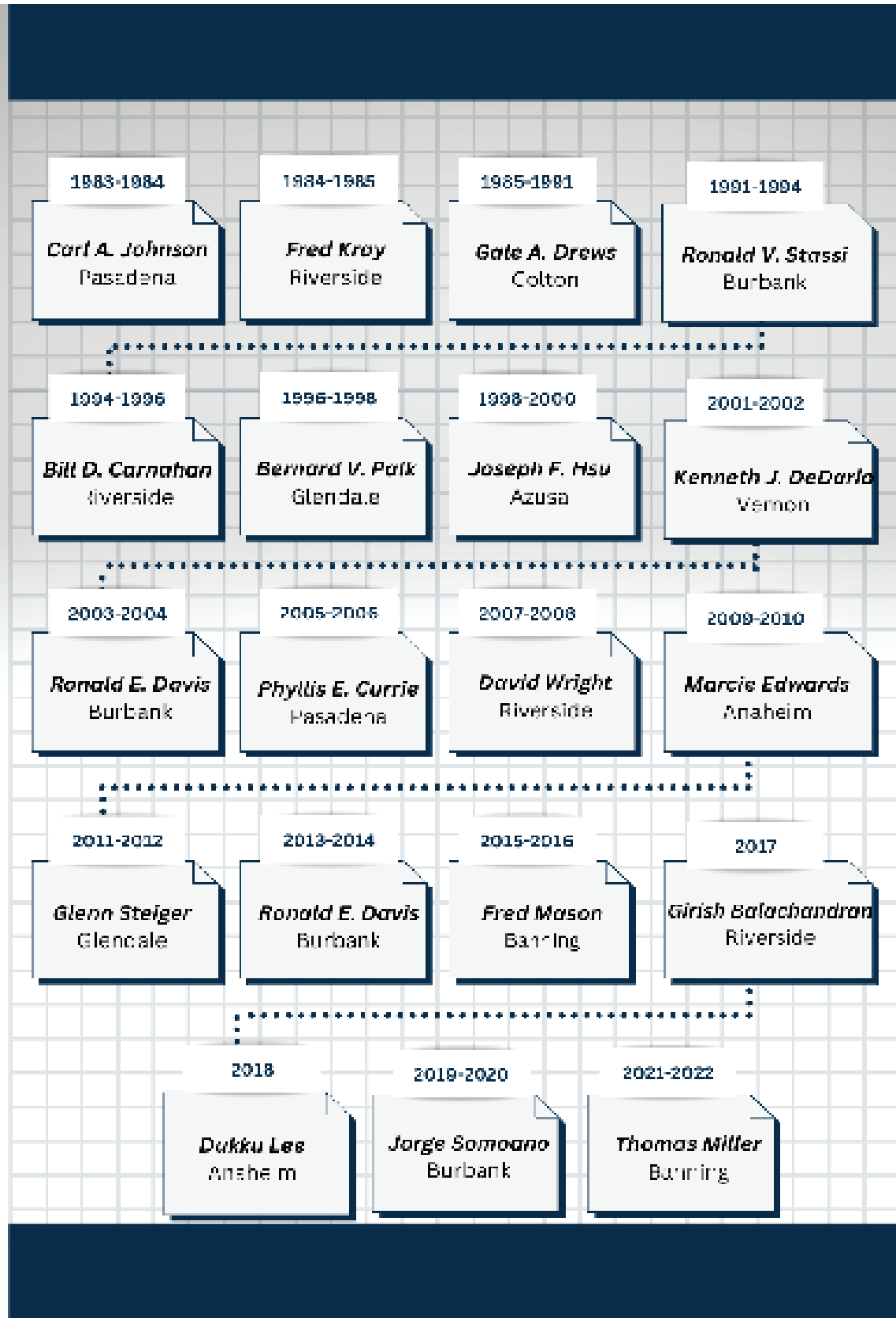
**Treasurer/ Auditor,
Assistant Secretary &
Executive Director**

Secretary

Assistant Secretary

General Counsel

SCPPA Board Past Presidents Timeline



SCPPA Staff



Michael S. Webster

Executive Director



Christine Godinez

General Counsel



Mario DeBernardo

**Director of
Government Affairs**



Aileen Ma

**Chief Financial
& Administrative
Officer**



Steven Starks

**Program
Development
Manager**



Randy Krager

**Project
Development
Manager**



Charles Guss

**Senior Asset &
Project
Manager**



Armando Arballo

**Assistant General
Counsel**



Elisabeth de Jong

**Government
Affairs
Manager**



Salpi Ortiz

**Administrative
Services
Manager**

Glendora & Sacramento



Natalie Seitzman

**Government Affairs
Policy Analyst**



John Quan

**Principal Utility
Analyst**



Nicole Solano

**Senior Utility
Analyst**



Vacant

Utility Analyst



Troy Cook

Utility Analyst



Anna Mendoza

Utility Accountant



Elizabeth Naranjo

Administrator II



Francisco Cerda

Administrator I

SCPPA Staff Los Angeles



Joan Ilagan

**Accounting
Manager**



Grace Mao

**Investment
Manager**



Atif Haji Datto

**Lead Utility
Accountant**



**Francisco Olivares-
Ortiz**

**Lead Utility
Accountant**



Leriza Flores

**Lead Utility
Accountant**



**Houbert Yousef
Zadeh**

**Lead Utility
Accountant**



Brian Tran

Utility Accountant



Jasmine Gee

Utility Accountant



Anni Li

Utility Accountant



David Choto

**Senior
Administrative
Clerk**



SCPPA Glendora & Sacramento



SCPPA Los Angeles

SCPPA Project Map



BIOMASS

- B1 - Loyalton
- B2 - Roseburg

NATURAL GAS / NUCLEAR

- F1 - Apex Natural Gas CC
- F2 - Canyon Natural Gas CT
- F3 - Magnolia Natural Gas CC
- F4 - Palo Verde Nuclear Station

GEOHERMAL

- G4 - Casa Diablo IV
- G3 - Coso
- G1 - Don A. Campbell I
- G1 - Don A. Campbell II
- G2 - Heber 1
- G1 - Northern Nevada Geothermal Portfolio (NNGP)
- G2 - Ormesa Geothermal Complex
- G5 - Starpeak
- G6- Whitegrass

HYDROPOWER

- H1 - MWD Small Hydro
- H2 - Tieton

LANDFILL GAS

- L1 - Chiquita Canyon
- L2 - Puente Hills

NATURAL GAS

- N1 - Barnett Shale Gas Reserves
- N2 - Pinedale Gas Reserves
- (Not on Map) Prepaid Natural Gas

SOLAR

- S1 - Antelope Big Sky Ranch
- S1 - Antelope DSR I
- S1 - Antelope DSR II
- S1 - Astoria 2
- S1 - Columbia Two
- S2 - Copper Mountain Solar 3
- S1 - Kingbird B
- S1 - Springbok I
- S1 - Springbok II
- S1 - Springbok III
- S1 - Summer Solar
- S3 - Desert Harvest Solar

SOLAR AND STORAGE

- Eland 1 and Eland 2

TRANSMISSION

- Mead-Adelanto ••••
- Mead-Phoenix ••••
- Southern Transmission System ••••

WIND

- W1 - Linden
- W2 - Milford I
- W2 - Milford II
- W3 - Pebble Springs
- W4 - Red Cloud Wind
- W4 - Windy Flats



New Projects

Coso Geothermal

Participants: Banning (45%), Riverside (55%), and Pasadena (0% until year 6)

SCPPA, on behalf of the cities of Banning, Pasadena, and Riverside, entered into a power purchase agreement with Coso Geothermal Power Holdings for up to 55 MW of generating capacity from three different facilities. Each facility contains three steam turbine generators which are metered independently at their separate CAISO PNodes. The delivery commencement date began on January 1, 2022, for a term of 20 years. Participant shares equal 14%-50% of project's total capacity at various points over the term of the agreement. In year 6, the City of Pasadena will join the other Participants and begin taking energy from the facilities with a 21% participant share.

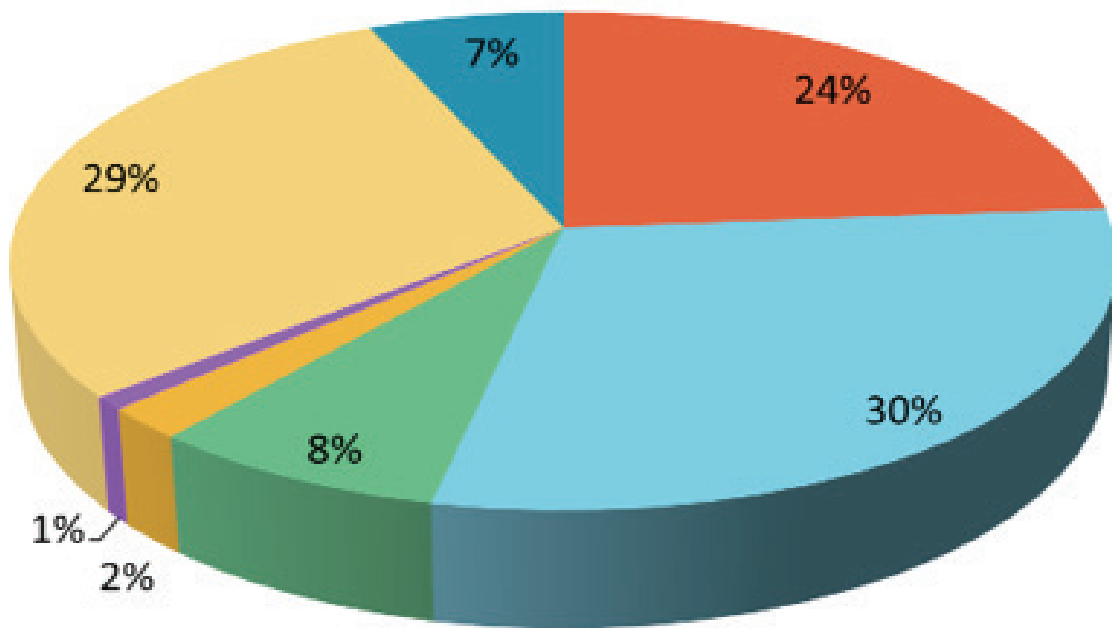
Red Cloud Wind

Participants: LADWP (100%)

SCPPA, on behalf of LADWP, entered into a power purchase agreement for 331 MW of generating capacity over a term of 20 years. The project reached commercial operation on December 22, 2021, and is the largest wind project in SCPPA's portfolio, to date. The project straddles Torrance, Lincoln, and Guadalupe counties in New Mexico, delivering at the Navajo 500kV Switchyard. In its first partial year of generation, the project generated 666,055 MWhs and reached a net capacity factor of 41%.

SCPPA Energy Portfolio

SCPPA Capacity Mix



■ Solar ■ Wind ■ Geothermal ■ Biomass/LFG ■ Hydro ■ Gas ■ Nuclear

Combined Summary of Financial Condition and Changes in Net Position

The Combined Summary of Financial Condition and Changes in Net Position was taken from the Moss Adams Report of Independent Auditors and Combined Financial Statements for June 30, 2022 and 2021.

The full report can be viewed on the SCPPA website at the following link:

<http://www.scppa.org/file.axd?file=%2f2022%2f12%2fSCPPA+FS+FY+2021-22.pdf>

To download the report, please [click here](#).

Southern California Public Power Authority

Management's Discussion and Analysis

Combined Summary of Financial Condition and Changes in Net Position (in thousands)

	June 30,		
	2022	2021 (restated)	2020
Assets			
Net utility plant	\$ 1,203,932	\$ 1,276,479	\$ 1,361,718
Net lease asset	7,779	8,316	-
Investments	638,425	609,343	484,843
Cash and cash equivalents	234,489	213,272	370,864
Prepaid and other	619,400	702,708	736,279
Total assets	2,704,025	2,810,118	2,953,704
Deferred outflows of resources	99,463	125,660	149,608
Total assets and deferred outflows of resources	\$ 2,803,488	\$ 2,935,778	\$ 3,103,312
Liabilities			
Noncurrent liabilities	\$ 2,162,809	\$ 2,347,774	\$ 2,539,987
Current liabilities	463,134	420,900	405,528
Total liabilities	2,625,943	2,768,674	2,945,515
Deferred inflows of resources	13,252	16,219	16,685
Net position			
Net investment in capital assets	6,651	(51,274)	(98,519)
Restricted	281,523	333,343	369,753
Unrestricted	(123,881)	(131,184)	(130,122)
Total net position	164,293	150,885	141,112
Total liabilities, deferred inflows of resources, and net position	\$ 2,803,488	\$ 2,935,778	\$ 3,103,312
Revenues, expenses and changes in net position for the year ended June 30			
Operating revenues	\$ 1,078,427	\$ 980,552	\$ 969,163
Operating expenses	(1,000,538)	(903,981)	(852,034)
Operating income	77,889	76,571	117,129
Investment and other income	(4,086)	23,772	25,989
Reclamation and decommissioning expense	(15,479)	(10,050)	(1,197)
Derivative gain (loss)	6,070	6,619	(6,465)
Other interest and debt expense	(60,943)	(73,838)	(102,010)
Change in net position	3,451	23,074	33,446
Net position, beginning of year	150,885	141,112	127,158
Net contributions/(withdrawals) by participants	9,957	(13,301)	(19,492)
Net position, end of year	\$ 164,293	\$ 150,885	\$ 141,112

SCPPA Government Affairs

SCPPA works closely with SCPPA Members to advocate on legislative and regulatory energy policies at both the state and federal levels. This includes proactive advocacy in coordination with SCPPA's Board, Legislative Working Group, and Regulatory Working Group. The goal is to work collectively to influence policymaking in a manner that protects the decision-making authority of SCPPA Members' governing boards so they can continue to provide clean, affordable, safe, and reliable energy to their communities.

SCPPA'S State Regulatory Work

During the last year, in close coordination with SCPPA Members, SCPPA actively engaged in a myriad of rulemakings, workshops, and other activities undertaken by state and federal agencies, including the California Air Resources Board (CARB), California Energy Commission (CEC), Wildfire Safety Advisory Board (WSAB), Department of Community Services and Development (CSD), California Independent Systems Operator (CAISO), and Federal Energy Regulatory Commission (FERC). These agencies' activities touched on a broad range of electric utility issues, including clean energy, grid reliability during heat waves, transportation electrification, wildfire mitigation, customer utility bill arrearages, and the future of our transmission system.

SCPPA'S State Regulatory Work

Advanced Clean Fleets (ACF)

CARB formally began the rulemaking process for the ACF regulations at the end of August 2022 – although it started informal discussions on the rule over a year ago. As currently written, the ACF would establish zero-emission vehicle (ZEV) purchase requirements for publicly-owned utilities (POUs), starting with requiring 50% ZEV purchases in 2024, and requiring 100% ZEV purchases starting in 2027. Despite early and ongoing efforts from SCPPA, the proposed rule lacks reasonable accommodations for POUs if a specialty vehicle is not commercially available in a ZEV model. This could have the unintended consequence of affecting a POU's ability to maintain the grid and respond to emergencies.

SCPPA's advocacy efforts on the ACF have included several meetings with CARB staff, CARB board members, legislative offices, POU stakeholders, and other local governmental entities. We have submitted numerous comment letters to CARB, participated in CARB's recent ACF hearing, and even organized an ACF field trip for policymakers.

The ACF rulemaking process will continue into 2023 and CARB is expected to consider adopting the final rule in the spring. SCPPA will continue to advocate for the changes needed to ensure that POUs can keep the lights on while supporting the state's decarbonization goals.

Scoping Plan

CARB's 2022 Scoping Plan Update was a top priority for SCPPA. The update is intended to assess progress towards reaching the state's 2030 greenhouse gas reduction targets created by Senate Bill (SB) 32 while identifying a path towards achieving carbon neutrality by 2045.

Scoping Plan (continued)

Since the start of the Scoping Plan Update process, SCPPA has been engaged with CARB to ensure the modeling and final draft includes reasonable goals and assumptions related to the electricity sector. Our advocacy efforts have included written and verbal comments to CARB, as well as collaboration with the Joint Utilities Working Group (JUG) and other POUs.

Ultimately, CARB adopted a Scoping Plan Update focused on the new statewide law to achieve carbon neutrality by 2045 with at least 85% reductions in direct emissions. CARB incorporated edits per SCPPA's comments requesting systemwide and local reliability assessments as well as mitigating impacts to reliability and affordability.

Moving forward, the Scoping Plan Update will help inform state climate planning and regulatory policies, including the Cap-and-Trade program.

SCPPA'S State Legislative Work

Addressing climate change was a major priority for the state legislature in 2022 – especially in the Senate. Going into the 2022 session, Senate pro Tem Toni Atkins convened the new Senate Climate Working Group led by Senator John Laird (D-Santa Cruz). This working group – which consisted of both moderate and progressive Democrats – focused on developing a package of bills to promote clean energy, electrification, carbon capture and storage, and stricter oil and gas regulations. These efforts were bolstered by Governor Gavin Newsom, who made an aggressive end-of-session push for stronger climate policies.

SB 1020 (Laird) was amongst the most significant bills enacted as a result of these efforts. The bill establishes a state policy goal of 90% clean energy by 2035 and 95% clean energy by 2040. These targets are intended to compliment the state's 100% clean energy goal by 2045, which was established by SB 100 (2018). SB 1020 also requires state agencies to operate with 100% clean energy by 2035. SCPPA was actively engaged in the development of this bill, and some amendments were made in response to joint POU advocacy efforts.

Other notable climate priority bills that were enacted this year include Assembly Bill (AB) 1279 (Muratsuchi), which establishes an economy-wide carbon neutrality target by 2045, and SB 905 (Caballero), which requires CARB to develop a state permitting program for carbon capture and storage.

In addition to bills endorsed by the Senate Climate Working Group, the Governor and Legislature utilized the state's historic budget surplus in 2022 to make a major investment – \$54 billion – to reduce greenhouse gas emissions and to help with energy affordability. This includes \$239.4 million to assist POU customers pay unpaid electricity bills through the California Arrearage Payment Program (CAPP). The 2022 CAPP funding is in addition to the nearly \$300 million in CAPP moneys appropriated in 2021 for POU customers. SCPPA worked closely with the public power community and the legislature to secure these funds.

SCPPA'S Federal Work

Since the beginning of 2021, SCPPA worked with SCPPA Members and the American Public Power Association (APPA) to lobby Congress for the extension and expansion of federal clean energy tax incentives. This policy includes incentives for all clean energy generation and storage technologies – not just wind and solar – as well as providing a direct pay option to POUs that is comparable to the tax credits offered to the private sector.

This policy was first included in bills such as the Growing Renewable Energy and Efficiency Now (GREEN) Act and the Clean Energy for America Act. When the direct pay option was on the chopping block in the Senate Finance Committee in 2021, SCPPA was directly involved in ensuring it was ultimately included in the committee mark up. The provisions were incorporated into what would eventually become the Inflation Reduction Act of 2022 (IRA). Congress passed the IRA and President Biden signed the bill on August 16, 2022. Under the IRA, \$270 billion is dedicated to climate change investments through tax incentives, including direct pay to POUs. According to President Biden, the IRA is a historic investment on climate and is expected to reduce carbon emissions by roughly 40% by 2030. The federal government is now engaged in adopting the policies to implement the clean energy tax incentives in the IRA.

SCPPA Program Development

As the landscape of the electric industry continues to change, and utilities work to shape the future of energy delivery and grid transformation, SCPPA provides vital assistance and support through numerous joint-action and customized programs that directly impact the generation and transmission of electric energy. In accordance with the California Joint Exercise of Powers Act and the Joint Powers Agreement, SCPPA provides cost-effective energy efficiency and load management programs that adds value to its Member utilities and the communities they serve, resulting in:

- Meeting emerging industry mandates, changes, and challenges
- Meeting Greenhouse Gas Reduction targets in support of the State’s carbon neutral goals
- Improving the operational efficiency of the member’s electric system
- Reducing cost of operations

SCPPA provides collaborative forums for Members to exchange information regarding program successes, failures, and lessons learned. The goal of the group discussions is to share experiences and ideas, provide support, and collaboratively contribute toward the development of “Best Practices.” The working groups are comprised of employees of the Member utilities who work in the following key operational areas that create leading edge opportunities for Program improvements and opportunities in different utility operational areas, including:

- Energy Efficiency and Public Benefits Programs
- Demand Response and Load Management, including Transportation and Building Electrification Programs
- Energy Storage to manage customer load and optimize renewable resource integration
 - Customer Engagement and Key Accounts; and
 - Financial Incentives and Rate Design

To ensure that Members continue receiving access to high value products and services in support of their organization's Program-related goals and objectives, SCPPA issues competitive solicitations for:

- Distributed Energy Resource Management Systems
- Energy Efficiency Direct Installation (Residential and Commercial Customers)
- Demand Response Programs
- Residential EV Charging Programs

SCPPA administers, for the benefit of its members, more than 40 agreements, and works very closely with the vendors of those contracted products and services that are valued at more than \$83.4 million dollars. Participation has been gradually increasing as the impact and effect of the pandemic is diminishing.

SCPPA Workforce Development

SCPPA launched its Workforce Development Service in 2017 to provide quality and cost-effective learning resources for our Members.

SCPPA strives to empower utility workforce performance by providing a collaborative platform of multi-discipline discussions among utility professionals and offering high-demand training courses by partnering up with industry experts from across the country.

SCPPA offers training topics ranging from renewable energy, transportation electrification, emerging issues, utility accounting, industry fundamentals, and many more. To date, SCPPA has facilitated over 144 training classes/webinars and provided workforce services to more than 3,000 Member attendees.

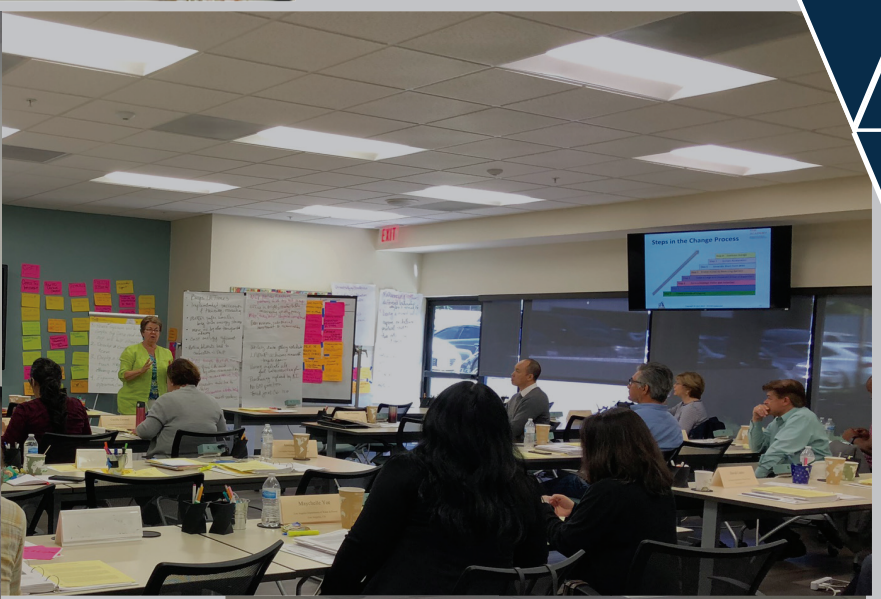
In FY 2021-2022, SCPPA facilitated 14 training courses drawing attendance from all twelve Member utilities with over 479 attendees. SCPPA had successfully transitioned the majority of training online after the pandemic with flexibility to offer to continue providing workforce development resources for our Members to meet the new challenges through this fast-changing era. In 2022, SCPPA held its first in-person training after the pandemic and are slowly returning to in-person trainings.

Through joint action, SCPPA is shaping the future by powering up the utility workforce to close the knowledge gap, transfer skills, and foster workforce performance.

12
Member Utilities

479
Attendees

14
Training
Courses/
Webinars





Anaheim Public Utilities



Dukku Lee

General Manager

Anaheim residents established the first municipal electric utility in Southern California in 1894, and operations commenced a year later. Today, Anaheim Public Utilities (APU) provides affordable and reliable water and power to a city of over 340,000 residents, 20,000 businesses, and 25 million annual visitors, featuring vibrant neighborhoods and a thriving business community that includes world-class convention, sports, and entertainment venues.

Anaheim’s electric system supports a diverse customer base and has a historic peak demand of 593 MW. Distinguishing features include commissioning the nation’s first underground substation in 2006,

undergrounding over 137 circuit miles as part of an aggressive underground conversion program, and operating a 2.4 MW photovoltaic system on the roof of the Anaheim Convention Center, one of the largest solar arrays on a municipally owned convention center in the country.

APU provides electricity to its customers from a wide array of renewable resources including biomass and bio-waste, geothermal, wind, and solar – all of which will comprise 60% of Anaheim’s power portfolio by 2030 for enhanced sustainability and compliance with statewide mandates.

Preliminary & Unaudited Fiscal Year-End June 30, 2022 Information						
City	Customers-Retail	Power Generated and Purchased (in MWh)			Electric Utility Operating Revenue & Costs	
		Self-Generated	Purchased	Total	Operating Revenues (000s)	Operating Cost (000s)
Anaheim	122,514	-	2,780,000	2,780,000	\$443,210	\$364,703



Azusa Light & Water



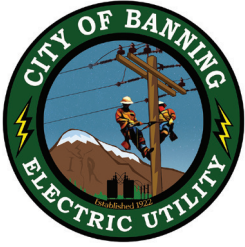
Tikan Singh

General Manager

Azusa’s electric utility was established in 1904 after the City purchased a private power company. Its water utility was established in 1900. The City operates these two utilities through the Azusa Light & Water (ALW) brand. Both utilities provide service within the City of Azusa and the water utility also serves portions of Covina, Glendora, Irwindale, West Covina, and Los Angeles county unincorporated areas. ALW’s water and electric utilities are each responsible for resource planning and delivery to retail customers through the City owned, operated, and maintained distribution systems.

ALW’s electric utility operates within the California ISO Balancing Authority acting as a Utility Distribution Company (UDC) and a Participating Transmission Owner (PTO). The electric utility currently receives power from 9 renewable resource contracts and 4 conventional power resources, with total power production capability of up to approximately 300,000 MWH/year. Azusa’s utilities are fully compliant with all state and federal laws. The electric utility is on track to meet/exceed the 38.5% renewable power content in 2022 with estimated 2022 deliveries to meet/exceed 38.5%. Azusa is compliant with AB32 (Global Warming Solutions Act) through its participation in the State’s cap-and-trade program.

Preliminary & Unaudited Fiscal Year-End June 30, 2022 Information						
City	Customers-Retail	Power Generated and Purchased (in MWh)			Electric Utility Operating Revenue & Costs	
		Self-Generated	Purchased	Total	Operating Revenues (000s)	Operating Cost (000s)
Azusa	17,098	178,970	70,723	249,693	\$43,268	\$34,859



Banning Electric Utility



Tom Miller

Electric Utility Director

The City of Banning Electric Utility provides electric service to approximately 13,000 accounts covering an area of approximately 22 square miles. Originally established in 1913 as a private utility, the City of Banning purchased the Utility in 1922 and has been providing electric service to its residents since that time. Banning’s energy resource base includes portions of nuclear, geothermal, solar, landfill gas-to-energy, and hydro generating plants, that provide the majority of electricity required to meet its summer peak demand of 51 MW.

The City supports clean-energy and is committed to additional renewable energy resources to its already diverse portfolio. The Utility met/exceeded the renewable energy requirements of both Compliance Period #1 and Compliance Period #2 of the State’s RPS program. The Utility was 54 percent renewable in 2021, already approaching the current State mandate of 60 percent by 2030. The Utility’s new COSO Geothermal contract came online on January 1, 2022, making the Utility’s energy portfolio approximately 80 percent renewable. The Utility is dedicated to continue providing quality service to its customers in a safe and reliable manner, at reasonable rates.

Preliminary & Unaudited Fiscal Year-End June 30, 2022 Information						
City	Customers-Retail	Power Generated and Purchased (in MWh)			Electric Utility Operating Revenue & Costs	
		Self-Generated	Purchased	Total	Operating Revenues (000s)	Operating Cost (000s)
Banning	13,110	-	153,457	153,457	\$33,392	\$32,536



**WATER AND
POWER**

Burbank Water & Power



**Dawn Roth
Lindell**

General Manager

Established in 1913, Burbank Water and Power (BWP) is a community-owned utility that provides electric, water, and fiber-optic services within the 17 square miles of Burbank, CA.

BWP is committed to providing reliable, affordable, and sustainable utility services to Burbank. BWP’s power availability rate for fiscal year 2021-2022 was 99.997%. The average Burbank customer could expect to experience only one electric service outage every 3.2 years, with a yearly average of 16.4 minutes without power. BWP’s average electric rates are lower than the California investor-owned utilities and amongst the lowest in the region. BWP will meet the 38.5% renewable portfolio standard by the end of calendar year 2022.

BWP offers other valuable services to Burbank, including free citywide wireless broadband service and public access to dozens of electric vehicle charging stations. BWP is the operator of SCPPA’s Magnolia Power Project (MPP), which is a large, clean, highly efficient power plant that utilizes combined-cycle electric generation technology. Recent General Electric enhancements at MPP now allow for a wider range of operations, between the minimum and maximum production, to be able to better accommodate the variability of renewable resources within the electric system. MPP improves regional electric reliability by reducing dependence on long-distance transmission lines.

Preliminary & Unaudited Fiscal Year-End June 30, 2022 Information						
City	Customers-Retail	Power Generated and Purchased (in MWh)			Electric Utility Operating Revenue & Costs	
		Self-Generated	Purchased	Total	Operating Revenues (000s)	Operating Cost (000s)
Burbank	53,252	28,757 *	996,950	1,025,707	\$183,925	\$198,228

*Self-generated energy includes Lake One and Burbank Landfill’s Microturbine



City of Cerritos Electric Utility



Art Galluci

City Manager

The City of Cerritos became a member of SCPPA in 2003. Since 2005, the City of Cerritos has been serving the electrical demands of the City’s business community. Over the years, the City’s customer base has steadily increased and the utility currently serves 449 accounts. The utility serves educational institutions, City-owned facilities and major retail businesses in the City with the primary goal of providing an economical and reliable supply of electricity. Cerritos Electric Utility (CEU) continues to receive power primarily from the Magnolia Power Plant. However, starting in October of 2017, CEU received a small allocation of hydroelectric power from the Western Area Power Administration, generated from the Boulder Canyon Power project.

Preliminary & Unaudited Fiscal Year-End June 30, 2022 Information						
City	Customers- Retail	Power Generated and Purchased (in MWh)			Electric Utility Operating Revenue & Costs	
		Self- Generated	Purchased	Total	Operating Revenues (000s)	Operating Cost (000s)
Cerritos	449	63,000	8,500	71,500	\$5,471	\$5,216



City of Colton Electric Utility



Brian A. Dickinson
Public Works & Utility Services Director

The largest and oldest municipal utility in San Bernardino County, the Colton Electric Department has been meeting the electric needs of Colton’s businesses and residents since 1895. Today, the Department serves approximately 20,429 customers with a diverse mix of generation resources. The Department’s main focus is ensuring that customer’s use electricity effectively to minimize their costs and promote sustainability. Colton’s residents want improved environmental quality and support the steps taken by the Department to improve the quality of life in the city. Department efforts include acquiring renewable resources and working with residential and business customers to install energy efficient equipment and appliances.

The Department looks forward to serving the electric needs of the community with low-cost, reliable supplies for the next century and to serve as an asset helping promote economic development in the City.

Preliminary & Unaudited Fiscal Year-End June 30, 2022 Information						
City	Customers-Retail	Power Generated and Purchased (in MWh)			Electric Utility Operating Revenue & Costs	
		Self-Generated	Purchased	Total	Operating Revenues (000s)	Operating Cost (000s)
Colton	20,429	9,446	452,538	461,984	\$62,623	\$52,020



Glendale Water & Power



Mark Young
General Manager

Incorporated in 1906, Glendale purchased its electric utility in 1909, obtaining power from outside suppliers. In 1937, it began receiving power from the Hoover Dam and inaugurated the first of its own steam generating plant units with 286 MW of gas-fired steam and combustion generating capacity. Glendale Water & Power (GWP) has a diversified portfolio that also includes coal, nuclear, natural gas, and hydro generating resources, as well as a comprehensive renewables resource program comprised of wind, solar with battery energy storage system, small hydro, and geothermal projects. Today, GWP provides reliable electric services to over 90,000 residential, commercial, and industrial customers within a 31 square mile area. GWP continues to invest in

improving the system infrastructure to ensure its long-term reliability. Our vision is to deliver reliable, high quality, environmentally-sensitive, and sustainable water and power services to our customers in a caring and cost-competitive manner, while creating a stimulating and rewarding work experience for our employees.

Preliminary & Unaudited Fiscal Year-End June 30, 2022 Information						
City	Customers-Retail	Power Generated and Purchased (in MWh)			Electric Utility Operating Revenue & Costs	
		Self-Generated	Purchased	Total	Operating Revenues (000s)	Operating Cost (000s)
Glendale	90,283	108,818	1,371,399	1,480,217	\$246,912	\$216,847



Imperial Irrigation District



Enrique Martinez
General Manager

The Imperial Irrigation District (IID) was established in 1911 and entered the power business in 1936. Proudly serving Imperial and Coachella valleys and a portion of San Diego County, IID has a service area of 6,611 square miles that encompasses an expanding 1,803-mile transmission network and 5,062-miles of distribution lines. One of eight balancing authorities in the state, IID controls over 1,100 MW of energy derived from a diverse resource portfolio that includes native generation, SCPPA partnerships, and long- and short-term power purchases. IID, in the enviable position of having access to locally generated geothermal and hydro, solar, wind and biomass resources, is on track to meet the 35.75 percent Renewables Portfolio Standard. A valuable public resource, IID is regarded as an affordable and reliable service provider serving 159,822 customers.

Fiscal Year-End December 31, 2021 Information						
City	Customers-Retail	Power Generated and Purchased (in MWh)			Electric Utility Operating Revenue & Costs	
		Self-Generated	Purchased	Total	Operating Revenues (000s)	Operating Cost (000s)
IID	159,822	1,479,866	2,457,387	3,937,253	\$548,451	\$500,856

Los Angeles Department of Water & Power



Martin Adams

General Manager

Providing service for more than a century, the Los Angeles Department of Water and Power (LADWP) began delivering water to the city in 1902, and with the water came power. In 1916, LADWP first delivered electricity to the city purchased from the Pasadena Municipal Plant. A year later, LADWP began generating its own hydroelectric power at the San Francisquito Power Plant No. 1. After purchasing the remaining distribution system of Southern California Edison within the city limits in 1922, LADWP became the sole water and electricity provider for the City of Los Angeles. It is now the largest municipal utility in the nation, serving a population of 4.0 million residents over a 473 square mile area. LADWP remains on firm financial footing and serves as a valuable

asset to the City of Los Angeles. LADWP reached its 20% renewable goal in 2010 and met and exceeded its mandated 33% renewable requirement in 2020 with a significant portion of such goal accomplished with projects transacted through SCPA. LADWP is undergoing a transformation of its power supply. Over the next several years, there will be a transition away from fossil fuels towards a renewable energy goal of 100% carbon-free by 2035. LADWP will also ensure units comply with once-through-cooling mandates to eliminate the use of ocean water for cooling, increasing deployment of energy storage and distributed energy resources, investing in the Power System Reliability Program to ensure robust power system, and supporting electric transportation growth to decrease overall greenhouse gas emissions in the L.A. Basin.

Preliminary & Unaudited Fiscal Year-End June 30, 2022 Information						
City	Customers- Retail	Power Generated and Purchased (in MWh)			Electric Utility Operating Revenue & Costs	
		Self- Generated	Purchased	Total	Operating Revenues (000s)	Operating Cost (000s)
LADWP	1,565,276	17,194,281	9,534,194	26,728,475	\$4,587,576	\$3,842,610

Pasadena Water & Power



Jeffrey Kightlinger

**Acting General
Manager**

Pasadena Water and Power (“PWP”) has been providing utility services since 1906. Its current service territory spans approximately 23 square miles and includes over 68,000 electric and 38,000 water accounts. Since implementation of the 2018 Integrated Resource Plan (“IRP”), PWP has recognized a reduction of approximately 20 percent in annual retail electric energy sales, renewable resources have reached approximately 40 percent of retail sales, and PWP’s greenhouse gas (“GHG”) emissions have declined 50 percent from 1990 levels. PWP’s robust energy efficiency programs have substantially contributed to the reduction in retail electricity use, with annual savings of 8,855 MWh in FY21-22. PWP is projecting to provide nearly 40 percent of retail electricity sales with RPS-eligible renewable resources by the end of Calendar Year 2022. PWP continues to expand the Pasadena Electric Vehicle market in the City to support GHG reduction goals and increase utility revenues. PWP offers rebate programs to customers who drive plug-in electric vehicles and install charging stations at their homes and businesses. In partnership with Tesla, Inc., PWP opened its Arroyo Charging Depot in FY21-22, which is comprised of 6 DC fast chargers and 20 Tesla V3 Superchargers. PWP has several new public charging station projects planned, which will provide additional DC fast chargers and level 2 chargers to the existing city infrastructure, once completed. PWP successfully completed the implementation of its new Customer Information System during FY21-22. The new software and business processes replaced obsolete technology and have allowed PWP to improve service to its customers and position itself for additional upcoming automation and modernization projects.

Preliminary & Unaudited Fiscal Year-End June 30, 2022 Information

City	Customers- Retail	Power Generated and Purchased (in MWh)			Electric Utility Operating Revenue & Costs	
		Self- Generated	Purchased	Total	Operating Revenues (000s)	Operating Cost (000s)
Pasadena	68,221	25,619	993,051	1,018,670	\$225,216	\$187,183



Riverside Public Utilities



Todd Corbin

General Manager

Established in 1895, Riverside Public Utilities (RPU) is a consumer-owned water and electric utility that provides high quality, reliable services to 112,000 metered electric customers, and 66,000 metered water customers throughout an 82 square mile area in and around the City of Riverside, California, serving a population of 318,000. RPU is committed to providing the highest quality water and electric services at the lowest possible rates to benefit its customer owners.

To maintain its energy delivery commitment, the utility maintains a diverse resource portfolio mix that includes: 236 MW of simple-cycle, natural gas peaking generation, and 29.5 MW combined-cycle natural gas generation; participation in Palo Verde Nuclear (12.3 MW) and Intermountain Power Agency (137.1 MW) generation projects; long-term renewable power purchase agreements (241MW), as well as short, mid, and long-term contracts from various other power providers. Riverside is committed to promoting sustainable communities and becoming a municipal leader in the use of renewable energy resources. RPU met the 33 percent by 2020 RPS state mandate and is on target to meet additional future mandates with resource procurement actions as outlined in the Renewables Portfolio Standard Procurement Plan. For calendar year 2021, renewable resources provided 43 percent of retail sales requirements.

Preliminary & Unaudited Fiscal Year-End June 30, 2022 Information *						
City	Customers-Retail	Power Generated and Purchased (in MWh)			Electric Utility Operating Revenue & Costs	
		Self-Generated	Purchased	Total	Operating Revenues (000s)	Operating Cost (000s)
Riverside	112,328	68,000	2,214,900	2,282,900	\$398,625	\$324,641

*Financial information provided are preliminary and unaudited with GASB 87 – Leases impacts not reflected.



Vernon Public Utilities



Todd Dusenberry
Acting General Manager

The City of Vernon Public Utilities Department (VPU) serves as an essential resource to the City’s residents and business community, providing dependable, high-quality utility services at a significant cost savings compared to neighboring utility providers. The Public Utilities Department is a multiple award-winning utility, including the Diamond Level RP3 designation from the American Public Power Association, as well as recipient of the Safety Management Excellence Award from the American Public Gas Association. VPU is also uniquely positioned in the state of California, in that it is one of only two utilities in California that provides electricity, natural gas, water and fiber optic services. VPU is

the only public utility in the state with a high-pressure natural gas transmission pipeline and is the 14th largest public gas system by volume in the US. VPU owns and operates a 138-megawatt natural gas-fired, combined-cycle power plant that provides local reliability in addition to vital in-basin generation.

Preliminary & Unaudited Fiscal Year-End June 30, 2022 Information						
City	Customers-Retail	Power Generated and Purchased (in MWh)			Electric Utility Operating Revenue & Costs	
		Self-Generated	Purchased	Total	Operating Revenues (000s)	Operating Cost (000s)
Vernon	1,928	218,068	1,000,589	1,218,657	\$235,529	\$189,609 *

*Excludes Depreciation



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