# SALT RIVER PROJECT AGRICULTURAL IMPROVEMENT AND POWER DISTRICT MEETING NOTICE AND AGENDA

#### STRATEGIC PLANNING COMMITTEE

Thursday, September 12, 2024, 9:30 AM

#### SRP Administration Building 1500 N. Mill Avenue, Tempe, AZ 85288

Committee Members: Leslie C. Williams, Chairman; Nicholas Brown, Vice Chairman; and Robert Arnett, Casey Clowes, Mario Herrera, Sandra Kennedy, and Jack White Jr.

Call to Order Roll Call

- - Request for approval of the minutes for the meeting of May 9, 2024.
- 2. SRP 2035 Sustainability Goals Fiscal Year 2024 (FY24) Progress

  LEAH HARRISON and VARIOUS

Informational presentation regarding progress made in FY24 toward the achievement of SRP's 2035 Sustainability Goals and a preview of key actions identified for FY25.

- 4. Future Agenda Topics...... CHAIRMAN LESLIE C. WILLIAMS

The Committee may vote during the meeting to go into Executive Session, pursuant to A.R.S. §38-431.03 (A)(3), for the purpose of discussion or consultation for legal advice with legal counsel to the Committee on any of the matters listed on the agenda.

The Committee may go into Closed Session, pursuant to A.R.S. §30-805(B), for records and proceedings relating to competitive activity, including trade secrets or privileged or confidential commercial or financial information.

Visitors: The public has the option to attend in-person or observe via Zoom and may receive teleconference information by contacting the Corporate Secretary's Office at (602) 236-4398. If attending in-person, all property in your possession, including purses, briefcases, packages, or containers, will be subject to inspection.



# MINUTES STRATEGIC PLANNING COMMITTEE MEETING

DRAFT

May 9, 2024

A meeting of the Strategic Planning Committee of the Salt River Project Agricultural Improvement and Power District (the District) and the Salt River Valley Water Users' Association (the Association), collectively SRP, convened at 9:30 a.m. on Thursday, May 9, 2024, from the Hoopes Board Conference Room at the SRP Administration Building, 1500 North Mill Avenue, Tempe, Arizona. This meeting was conducted in-person and via teleconference in compliance with open meeting law guidelines.

Committee Members present at roll call were P.E. Rovey, Vice Chairman; and K.J. Johnson, K.L. Mohr-Almeida, K.H. O'Brien, M.V. Pace, L.D. Rovey, and S.H. Williams

Also present were Vice President C.J. Dobson; Board Members R.C. Arnett, N.R. Brown, M.J. Herrera, S.D. Kennedy, R.J. Miller, and J.M. White Jr.; Council Chairman J.R. Shelton; Council Liaisons T.S. Naylor and R.W. Swier; Council Members M.L. Farmer, E.L. Gorsegner, and B.E. Paceley; Mmes. I.R. Avalos, K.R. Beranek, M.J. Burger, A.P. Chabrier, L.G. Harrison, L.F. Hobaica, K.M. Libby, and G.A. Mingura; Messrs. J.M. Baran, T. Cooper, D.W. Dreiling, J.M. Felty, B.J. Koch, K.J. Lee, A.V. Mirabito, M.J. O'Connor, B.A. Olsen, and J.M. Pratt; and Andy McCoy of the Arizona Attorney General's Office.

In compliance with A.R.S. §38-431.02, Andrew Davis of the Corporate Secretary's Office had posted a notice and agenda of the Strategic Planning Committee meeting at the SRP Administration Building, 1500 North Mill Avenue, Tempe, Arizona, at 9:00 a.m. on Tuesday, May 7, 2024.

Vice Chairman P.E. Rovey called the meeting to order.

#### Consent Agenda

Vice Chairman P.E. Rovey requested a motion for Committee approval of the Consent Agenda, in its entirety.

On a motion duly made by Board Member K.L. Mohr-Almeida and seconded by Board Member K.J. Johnson, the Committee unanimously approved and adopted the following item on the Consent Agenda:

 Minutes of the Strategic Planning Committee meeting on February 8, 2024, as presented.

Corporate Secretary J.M. Felty polled the Committee Members on Board Member K.L. Mohr-Almeida's motion to approve the Consent Agenda, in its entirety. The vote was recorded as follows:

YES: Board Members P.E. Rovey, Vice Chairman; and K.J. Johnson, (7) K.L. Mohr-Almeida, K.H. O'Brien, M.V. Pace, L.D. Rovey, and

S.H. Williams

NO:None(0)ABSTAINED:None(0)ABSENT:None(0)

#### Key Strategic Planning Trends

Using a PowerPoint presentation, Kaitlyn M. Libby, SRP Director of Corporate Strategy and Sustainability, stated that the purpose of the presentation was to provide information regarding the key strategic trends that will be considered and addressed in the Fiscal Year 2025 (FY25) six-year implementation plans for SRP's 2035 Corporate Goals.

Ms. K.M. Libby detailed SRP's strategic framework process to achieve SRP's mission and 2050 vision. She explained that the six-year initiatives represent SRP's interim steps and plans needed to achieve SRP's 2035 Corporate Goals and ensure corporate alignment of resources and priorities.

Ms. K.M. Libby stated that resilient strategic plans must anticipate changing political/regulatory, social/cultural, technological, economic, and environmental market conditions. She discussed the wide range of market and industry trends that are shaping SRP's current and future operating environment.

Ms. K.M. Libby said that climate concerns and impacts are significantly influencing market conditions, including technology and policy initiatives, which are boosting economic growth and creating a growing imbalance of energy demand versus supply. She concluded with a discussion of evolving expectations of SRP's customers, workforce, and communities.

Ms. K.M. Libby responded to questions from the Committee.

Copies of the PowerPoint slides used in this presentation are on file in the Corporate Secretary's Office and, by reference, made a part of these minutes.

#### <u>Greenhouse Gas (GHG) Inventory and Carbon</u> Intensity Verification Results for FY23

Using a PowerPoint presentation, Anthony V. Mirabito, SRP Sustainability Analyst, stated that the purpose of the presentation was to provide information regarding the results of SRP's third-party verified greenhouse gas inventory and carbon intensity verification for FY23.

Mr. A.V. Mirabito provided the following explanations of why SRP measures and reports GHG emissions: 1) to demonstrate a commitment to transparency; 2) to meet customer data requirements; 3) to align with the industry standards; and 4) to support the attainment of SRP's corporate goals. He broke down SRP's GHG reporting categories

into the following three scopes: Scope 1 – emissions directly from company-owned assets or operations; Scope 2 – emissions from electricity purchased and consumed in company operations; and Scope 3 – emissions upstream of company-owned assets or operations.

Mr. A.V. Mirabito discussed SRP's FY23 emissions associated with the power delivered to SRP's retail customers. He said that SRP's FY23 retail generation carbon intensity was 993 pounds of carbon dioxide per Megawatt-hour (CO<sub>2</sub>/MWh) and that for the third consecutive year, SRP received Climate Registered Platinum status with The Climate Registry.

Mr. A.V. Mirabito concluded with a discussion of SRP emissions data reporting. He responded to questions from the Committee.

Copies of the PowerPoint slides used in this presentation are on file in the Corporate Secretary's Office and, by reference, made a part of these minutes.

Andy McCoy of the Arizona Attorney General's Office left the meeting during the presentation. Ms. V.P. Kisicki; and Mr. J.D. Coggins entered the meeting during the presentation.

# SRP's Electric Vehicle (EV) Managed Charging Strategy

Using a PowerPoint presentation, Ms. K.M. Libby stated that the purpose of the presentation was to provide information regarding the results of SRP's process to develop a multi-year roadmap and implementation plan to shape and manage EV charging load. She said that the presentation will focus on the following three key takeaways: 1) increasing EV adoption; 2) significant load impacts of unmanaged EV charging; and 3) SRP's EV plan.

Ms. K.M. Libby provided a chart indicating significant EV adoption increases in SRP's territory from 2010 through 2023. She said that EV adoption continues to increase across multiple use cases, such as emergency vehicles, fleet vehicles, and transport and trucking vehicles.

Ms. K.M. Libby reminded the Committee that SRP's 2035 Sustainability Goal — Customer and Grid Enablement includes supporting the adoption of one million EVs in SRP's service territory and managing 90% of EV charging. She showed the projected EVs on the road in SRP's service territory in 2035 and discussed the potential significant load impacts of unmanaged EV charging. Ms. K.M. Libby defined managed charging as follows: "A range of approaches to balance driver preferences, vehicle energy requirements, charging costs, and grid impacts." She discussed SRP's plan to manage EV charging and stated that SRP has consulted with Guidehouse Consulting in developing a 10-year roadmap and implementation plan.

Ms. K.M. Libby discussed SRP's market landscape insights and managed charging strategy. In conclusion, she reviewed near to medium-term actions to shape and shift

load through price plans and customer programs and near to medium-term actions to influence future charging load through proactive customer and community engagement.

Ms. K.M. Libby responded to questions from the Committee.

Copies of the PowerPoint slides used in this presentation are on file in the Corporate Secretary's Office and, by reference, made a part of these minutes.

Ms. L.G. Harrison; and Mr. A.V. Mirabito left the meeting during the presentation. Mr. N.M. Quinones; and Andy McCoy of the Arizona Attorney General's Office entered the meeting during the presentation.

# Report on Current Events by the General Manager and Chief Executive Officer or Designees

Jim M. Pratt, SRP General Manager and Chief Executive Officer, reported on a variety of federal, state, and local topics of interest to the Committee. He commented on matters relating to SRP's strategic framework.

#### Future Agenda Topics

Vice Chairman P.E. Rovey asked the Committee if there were any future agenda topics. None were requested.

There being no further business to come before the Strategic Planning Committee, the meeting adjourned at 11:28 a.m.

Lora F. Hobaica Assistant Corporate Secretary



# **2035 Sustainability Goals**

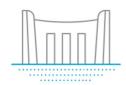


# CARBON EMISSIONS REDUCTIONS

Generation Carbon

**Facilities Carbon** 

Transportation Fleet Carbon



#### WATER RESILIENCY

**Facilities Water** 

Generation Groundwater

Generation Fleet-Wide Water Reduction

Water Storage

Community Water
Conservation



# SUPPLY CHAIN & WASTE REDUCTION

Supply Chain

Municipal Waste

Industrial Waste



# CUSTOMER & GRID ENABLEMENT

**Energy Efficiency** 

**Demand Response** 

Transportation Electrification

**Electric Technologies** 

**Grid Enablement** 

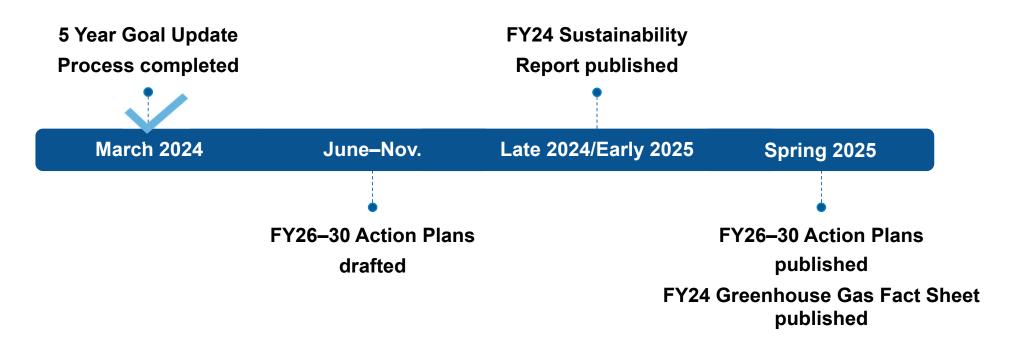


# CUSTOMER & COMMUNITY ENGAGEMENT

Customer Sustainability Sentiment Rating

Forest Restoration

# **Sustainability Goal Process and Reporting Timeline:**



Reporting Available: SRP.net/2035

# FY24 2035 Sustainability Goal Progress Updates

# **Generation Carbon (for retail energy)**

Reduce the amount of CO<sub>2</sub> emitted by generation (per MWh) by 82% from 2005 levels by 2035

(~284 lbs/MWh) — 2050 goal: Net-zero carbon emissions



## FY24 Results\*:

Reduced SRP's retail generation carbon intensity to 873 lbs. CO<sub>2</sub> per MWH — a 44% reduction from 2005.

Resulted in 13.3 million metric tons of CO<sub>2</sub> emissions on a mass basis.

\*FY24 results not yet third-party verified or submitted to The Climate Registry (TCR). Verification by TCR anticipated in Spring 2025.

## **FY24 Carbon Reduction Actions**

## Commissioned 348 MW Solar + 438 MW Storage

- Sonoran Solar Energy Center 260 MW
- Storey Energy Center 88 MW
- Saint Battery 100 MW

#### **Added Zero Carbon Baseload Power**

- +10 MW additional share of Palo Verde Nuclear Generating Station purchased from PNM
- 40 MW purchase of Palo Verde Unit 3 output

## **Fuel Diversity**

 Low natural gas prices resulted in natural gas generation displacing coal generation

## **Active Development and Procurement Pipelines**

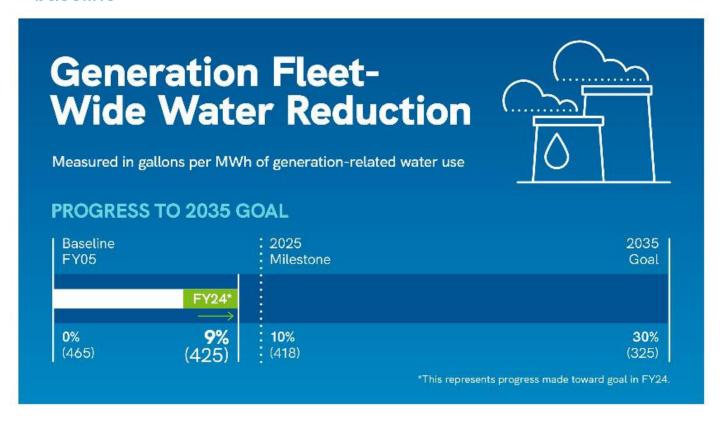
- 1,700 MW renewables under construction
- 640 MW battery storage under construction
- 2023 and 2024 Request for Proposals





## **Generation Fleetwide Water Reduction**

Achieve 30% reduction in generation-related water use intensity across all water types from 2005 baseline



## **FY24 Results:**

Reduced generationrelated water use intensity to **425 gallons per MWh** — a decrease of **11 gallons per MWh** from FY23.

# **Transportation Fleet Carbon**

Reduce carbon emissions from fleet by 30% on a mass basis from 2016 baseline



## **FY24 Results:**

Produced **33.3 million lbs**. CO<sub>2</sub>e from
operating SRP fleet
vehicles — an **increase of 0.7 million lbs**. CO<sub>2</sub>e from FY23.

# **Energy Efficiency**

Deliver over 4 million MWh of annual aggregate energy savings



## **FY24 Results:**

Achieved 2,927,356
MWh of cumulative aggregate energy savings — an increase of 295,062 MWh from FY23.

Portfolio exceeded annual target by delivering 626,020 MWh of incremental savings.

# **Demand Response (DR)**

Deliver at least 300 MW of dispatchable DR and load management programs



## **FY24 Results:**

Subscribed a combined total of 165 MW of dispatchable DR and load management programs — an increase of 37 MW from FY23.

# **Community Water Conservation**

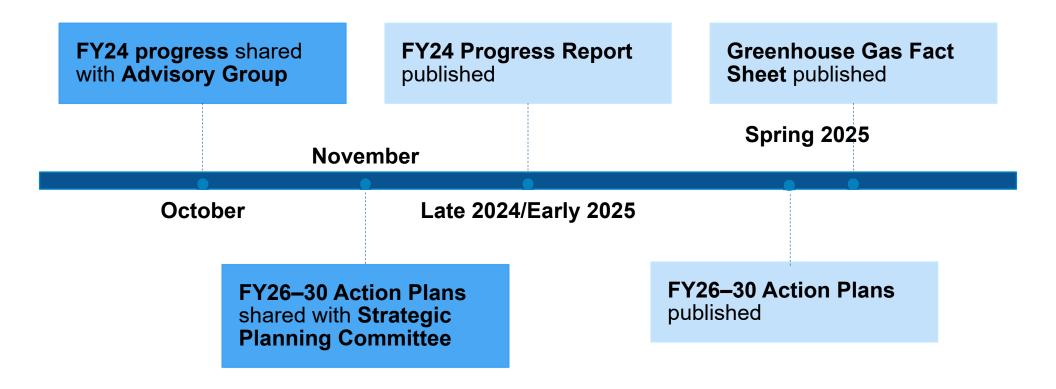
Achieve 5 billion gallons (~15,300 acre-feet) of water conservation by 2035 through partnership



## **FY24 Results:**

118 million gallons of water saved through SRP programs — more than double the annual water savings in FY23.

# **Next Steps**



# SRP 2035 SUSTAINABILITY GOALS: FY24 UPDATES



## INTRODUCTION

SRP's Board approved an original suite of 20 Sustainability Goals in 2019 after an extensive stakeholder process to ensure customer and community perspectives were considered. The 2035 Sustainability Advisory Group, consisting of large customers, nonprofit and advocacy groups, municipal and educational partners, and representatives of SRP's Customer Utility Panel, was formed to advise SRP on the relevance, ambition, and completeness of the goals. Management committed to evaluating the goals every five years with stakeholder input.

To demonstrate meaningful interim progress, SRP identified five-year milestones and developed associated action plans for each goal. The five-year goal review cadence aligns with those milestones and action plans, allowing for SRP to implement goals and demonstrate progress while periodically assessing whether the goals continue to meet the needs of the customers and communities we serve.

Fiscal Year (FY) 2024 marked the first five-year update process. SRP's Sustainability Goals were updated through a comprehensive stakeholder engagement process that included numerous Advisory Group meetings, open houses, public comments, and regular Board engagement to seek input and feedback throughout. The full set of updated goals was approved by SRP's Board in March of 2024, and included more ambitious targets across many of the goals.

The complete set of newly revised goals is included on the next page, followed by more details on SRP's progress toward each goal through FY24.

# **2035 SUSTAINABILITY GOALS**

Updated March 2024



#### CARBON EMISSIONS REDUCTIONS

- Generation Carbon (for retail energy) — Reduce the amount of CO<sub>2</sub> emitted by generation (per MWh) by 82% from 2005 levels by 2035 (~284 lbs/MWh) — 2050 goal: Net-zero carbon emissions
- Facilities Carbon
   Reduce carbon
   emissions from facilities
   by 45% on a mass basis
   from 2016 baseline
- Transportation Fleet Carbon — Reduce carbon emissions from fleet by 30% on a mass basis from 2016 baseline



#### WATER RESILIENCY

- Facilities Water —
  Reduce water use at
  SRP facilities by 45%
  on a mass basis from
  2016 baseline
- Generation Groundwater
   — Eliminate or offset power generation groundwater use in Active Management Areas (AMAs)
- Generation Fleetwide Water — Achieve 30% reduction in generationrelated water use intensity across all water types from 2005 baseline
- Water Storage —
  Lead efforts in water storage and drought resiliency by storing at least 1 million acrefeet of water supplies underground and pursuing the long-term viability of increasing beneficial use during flood events by up to 100,000 acre-feet
- Community Water Conservation — Achieve 5 billion gallons (~15,300 acre-feet) of water conservation by 2035 through partnership



## SUPPLY CHAIN & WASTE REDUCTION

- Supply Chain
   Incorporate
   sustainability criteria
   into sourcing decisions
   for 100% of managed
   spend\* and integrate
   sustainability criteria
   into the supplier
   pre-qualification
   requirements for 100%
   of SRP suppliers
- Municipal Waste Divert 75% of municipal solid waste by 2035; 100% by 2050
- Industrial Waste

   Divert 95% of nonhazardous industrial solid waste sent to Investment Recovery; 100% by 2050



## CUSTOMER & GRID ENABLEMENT

- Energy Efficiency —
   Deliver over 4 million
   MWh of annual aggregate
   energy savings
- Demand Response (DR)

   Deliver at least 300
   MW of dispatchable DR and load management programs
- Transportation
   Electrification Support
   adoption of 1 million\*\*
   electric vehicles (EVs) in
   SRP's service territory
   and manage 90%
   of EV charging
- Electric Technologies
   Expand portfolio of
   Electric Technology (nonEV) programs to deliver
   320,000 MWh of annual
   aggregate energy impact
- Grid Enablement

   Enable the interconnection of all customer-sided resources, including solar photovoltaic (PV) and battery storage, without technical constraints while ensuring current levels of grid integrity and customer satisfaction



## CUSTOMER & COMMUNITY ENGAGEMENT

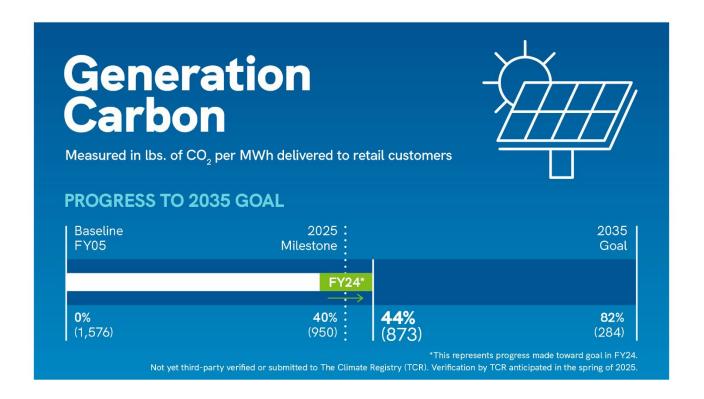
- Customer Sustainability Sentiment Rating — Maintain above industry average in performance in the J.D. Power Sustainability Index
- Forest Restoration

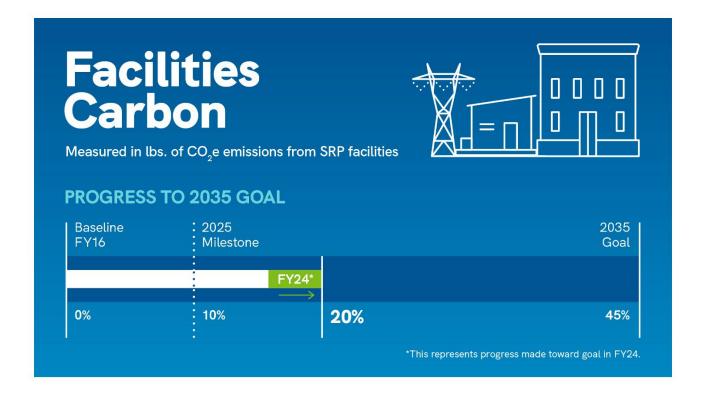
   Increase SRP's leadership role in forest restoration treatments through partnerships, influence, education and support for industry to thin 800,000 acres total by 2035

<sup>\*</sup>Defined as spend managed by SRP's Purchasing Services

<sup>\*\*</sup>As forecasted by third-party industry consultants

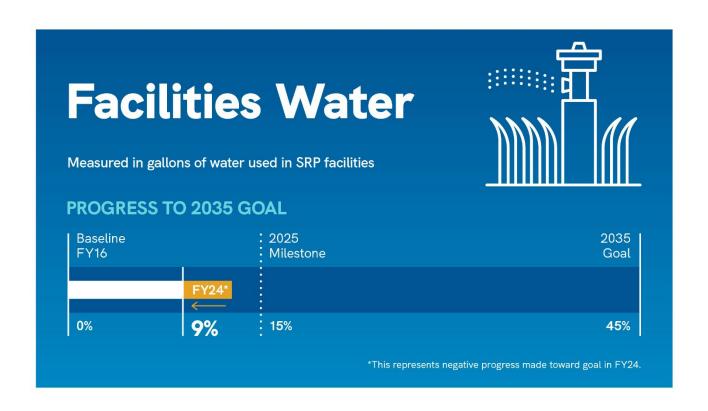
## **CARBON EMISSIONS REDUCTIONS**



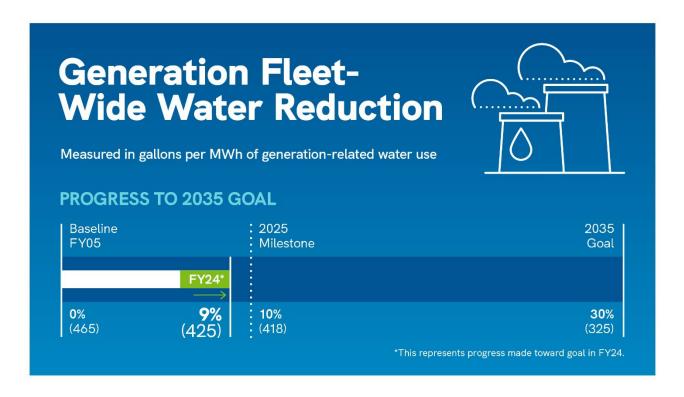


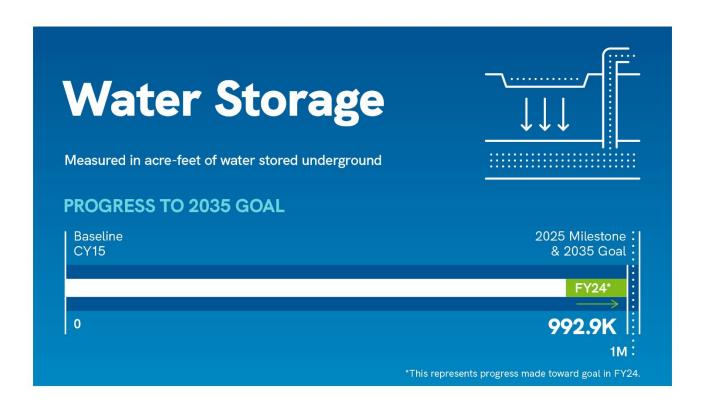


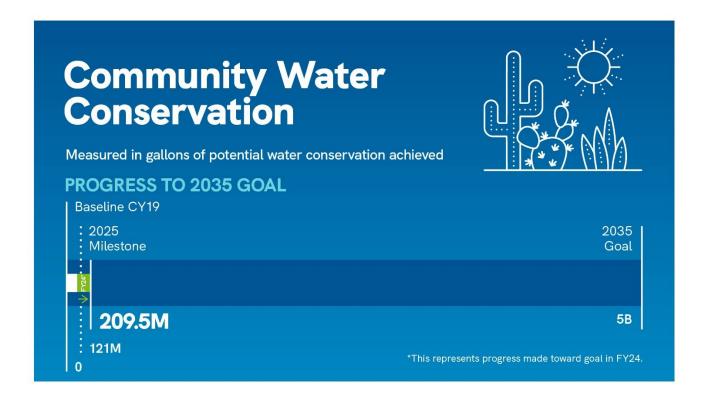
# **WATER RESILIENCY**







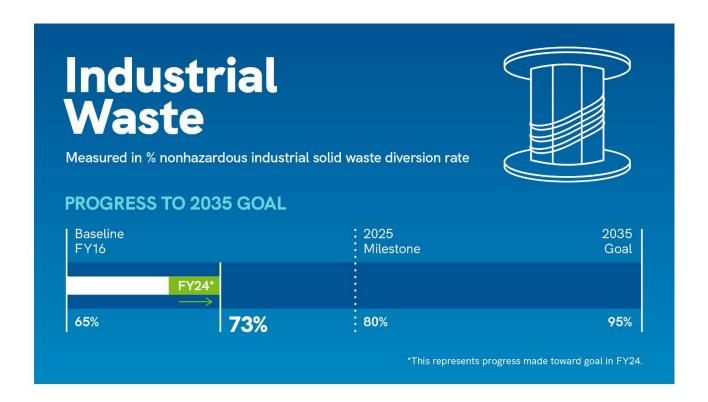




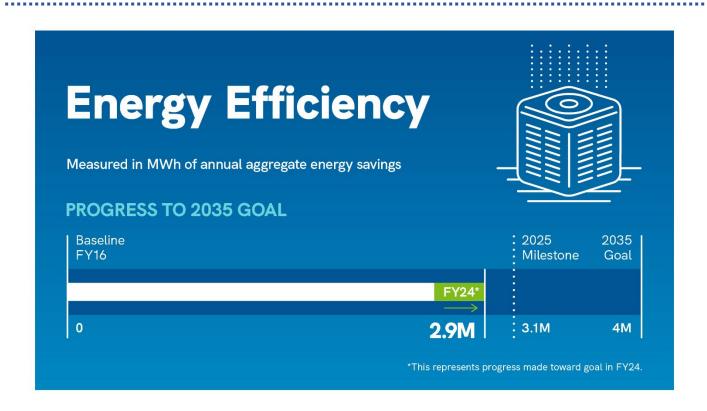
## **SUPPLY CHAIN & WASTE REDUCTION**



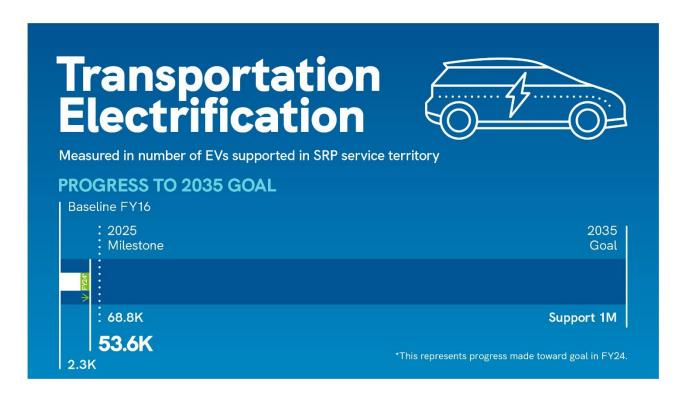




## **CUSTOMER & GRID ENABLEMENT**





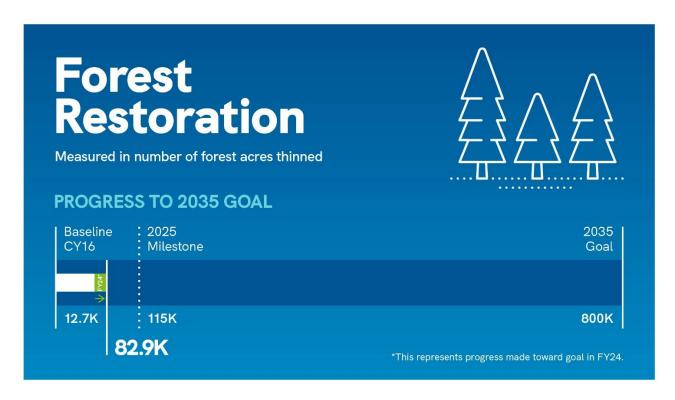






# **CUSTOMER & COMMUNITY ENGAGEMENT**





#### Renewable Breakdown of SRP Energy Mix

#### **Preliminary Fiscal Year 2024 (FY24) Actual Retail Energy Generation:**

The pie chart below shows the preliminary estimates of actual generation delivered to SRP's retail customers in FY24 (May 1, 2023 – April 30, 2024). The table to the right shows generation output from all renewable generating facilities operational in FY24. Sonoran and Storey solar facilities both achieved commercial operation (COD) in December 2024, six months later than planned due delayed panels detained at U.S. Customs for inspection for compliance with forced labor laws. If both facilities had come online as planned, it is estimated that an additional 475,608 MWh would have been produced in FY24, increasing the percentage of renewable generation to 13% of retail generation.

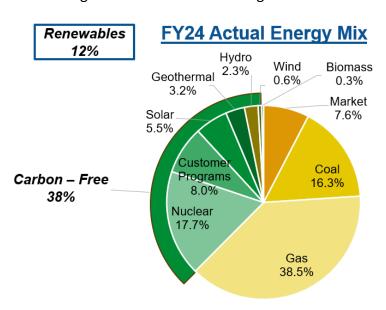




Photo: Sonoran Energy Center, Buckeye, AZ

FY24 Actual Renewable Generation for Retail by			
Resourc	e		
		%	
		Total	
Renewable Resources	MWh	Gen	
Solar			
Sonoran*	449,987	1.2%	
West Line	271,917	0.7%	
Central Line	260,931	0.7%	
Saint	245,882	0.7%	
East Line	245,361	0.7%	
Storey*	129,242	0.4%	
Sandstone	110,911	0.3%	
Kayenta 2	85,906	0.2%	
Kayenta 1	60,752	0.2%	
Copper Crossing	50,853	0.1%	
Queen Creek	46,058	0.1%	
Pinal Central	40,999	0.1%	
Hydro			
CRSP	332,755	0.9%	
Parker-Davis	150,049	0.4%	
Hoover	118,294	0.3%	
Roosevelt	78,104	0.2%	
Horse Mesa	71,639	0.2%	
Mormon Flat	43,712	0.1%	
Stewart Mountain	33,383	0.1%	
Small Scale Hydro	41	.0001%	
Wind			
Dry Lake 2	113,091	0.3%	
Dry Lake 1	105,076	0.3%	
Geothermal			
CalEnergy	627,436	1.7%	
Hudson Ranch	379,286	1.0%	
Cove Fort	150,809	0.4%	
Biomass			
Novo	116,574	0.3%	
<b>Total Renewables for Retail</b>	4,315,960	12%	
<b>Total Retail Generation</b>	36,464,310	-	

<sup>\*</sup>Projects that came online in FY24

#### Renewable Breakdown of SRP Energy Mix

#### **FY25 Projected Retail Energy Generation:**

The pie chart below represents the projected energy mix for FY25 (May 1, 2024 – April 30, 2025) based on the FP25 Resource Plan. The table to the right further breaks down renewable generation resource forecasts from FP25 that are expected to be operational in FY25.

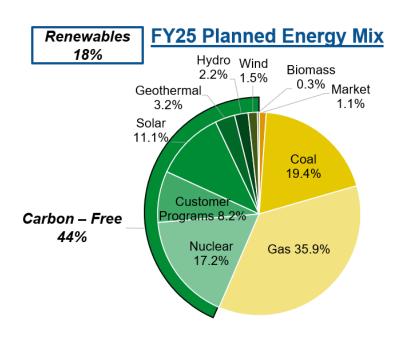




Photo: Eleven Mile, Coolidge, AZ

FY25 Projected Renewable Generation for			
Retail by Re	source	0/ Total	
Renewable Resources	MWh	% Total Gen	
Solar		Gen	
Sonoran	1,174,429	3.0%	
Eleven Mile*	787,493	2.0%	
Brittlebush**	521,032	1.3%	
Storey	345,785	0.9%	
Central Line	291,511	0.7%	
West Line	281,652	0.7%	
Saint	278,040	0.7%	
East Line	276,286	0.7%	
Sandstone	124,302	0.3%	
Kayenta 1	78,000	0.2%	
Kayenta 2	78,000	0.2%	
Pinal Central	61,005	0.2%	
Queen Creek	48,372	0.1%	
Copper Crossing	48,307	0.1%	
Hydro	0.170		
CRSP	334,364	0.8%	
Parker Davis	150,082	0.4%	
Hoover	116,138	0.3%	
Horse Mesa	99,780	0.3%	
Roosevelt	65,425	0.2%	
Mormon Flat	51,695	0.1%	
Stewart Mountain	32,756	0.1%	
Small Scale Hydro	82	0.0002%	
Wind			
Babbitt Ranch**	338,839	0.9%	
Dry Lake Wind 2	120,516	0.3%	
Dry Lake Wind 1	119,932	0.3%	
Geothermal			
CalEnergy	678,082	1.7%	
Hudson Ranch	437,928	1.1%	
Cove Fort	136,203	0.3%	
Biomass	<u>'</u>		
Novo	110,376	0.3%	
Total Renewables for Retail	7,188,716	18%	
Total Retail Generation	39,538,812	-	

<sup>\*</sup> Project that came online in June 2024

<sup>\*\*</sup> Projects initially anticipated to achieve commercial operation by June 1, 2024, but have been delayed. Energy forecast does not account for delays. Expected to be online later in 2024