

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

WATER COMMITTEE
Tuesday, September 19, 2023, 9:30 AM

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

Committee Members: Kevin Johnson, Chairman; Robert Arnett, Vice Chairman; and Mario Herrera, Anda McAfee, Kathy Mohr-Almeida, Mark Pace, and Paul Rovey

Call to Order
Roll Call

- 1. **CONSENT AGENDA:** The following agenda item(s) will be considered as a group by the Committee and will be enacted with one motion. There will be no separate discussion of these item(s) unless a Committee Member requests, in which event the agenda item(s) will be removed from the Consent Agenda and considered as a separate item CHAIRMAN KEVIN JOHNSON

- Request for approval of the minutes for the meeting of August 15, 2023.

- 2. SRP Study on Solar Panels Mounted Over Canals ANDREW JOHNSON

Informational presentation regarding an update on the SRP study to evaluate the feasibility of mounting solar panels over project canals, including the development of conceptual designs for solar panel installation and the analysis, in collaboration with Arizona State University, to evaluate impacts of evaporation.

- 3. Executive Session, Pursuant to A.R.S. §38-431.03(A)(3) and (A)(4), to Discuss or Consult with Attorneys for Legal Advice Regarding the Status of Negotiations to Resolve the Yavapai-Apache Nation Water Rights Claims in the Verde River Watershed Prior to Adjudicating those Claims in Judicial Proceedings..... PATRICK SIGL and LUCAS SHAW

- 4. Executive Session, Pursuant to A.R.S. §38-431.03(A)(3) and (A)(4), to Discuss or Consult with Attorneys for Legal Advice Regarding the Terms of an Agreement Between SRP and The Nature Conservancy Whereby SRP Would Financially Contribute Funds to The Nature Conservancy to Allow it to Submit a Proposal for Funding from the Natural Resources Conservation Service (NRCS) Regional Conservation Partnership Program PATRICK SIGL and ZACK HEIM

- 5. Report on Current Events by the General Manager and Chief Executive Officer or Designees JIM PRATT

- 6. Future Agenda Topics..... CHAIRMAN KEVIN JOHNSON

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.



**THE NEXT WATER COMMITTEE MEETING
IS SCHEDULED FOR TUESDAY, OCTOBER 24, 2023**

MINUTES
WATER COMMITTEE
SALT RIVER PROJECT AGRICULTURAL IMPROVEMENT AND
POWER DISTRICT

DRAFT

August 15, 2023

A meeting of the Water Committee of the Salt River Project Agricultural Improvement and Power District (the District) convened at 9:30 a.m. on Tuesday, August 15, 2023, from the 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. The District and Salt River Valley Water Users' Association (the Association) are collectively known as SRP.

Committee Members present at roll call were R.C. Arnett, Vice Chairman; and M.J. Herrera, A.G. McAfee, K.L. Mohr-Almeida, and M.V. Pace.

Committee Members absent at roll call were K.J. Johnson, Chairman; P.E. Rovey; and L.D. Rovey of the Association.

Also present were President D. Rousseau; District Vice President C.J. Dobson; Board Members R.J. Miller, J.M. White Jr., and S.H. Williams; Council Vice Chairman J.R. Shelton; Council Liaisons M.A. Freeman and G.E. Geiger; Council Members M.L. Farmer and M.C. Pedersen; Mmes. I.R. Avalos, E.N. Barton, M.J. Burger, A.P. Chabrier, L.F. Hobaica, J.M. Jovanovic, C.M. McJunkin, L.A. Meyers, G.A. Mingura, and C.M. Sifuentes; Messrs. J.D. Coggins, J.M. Felty, S.P. Flora, Z.J. Heim, S.B. Lutz, A.J. McSheffrey, M.S. Mendonca, R. Navarro, M.J. O'Connor, J.M. Pratt, G. Saint Paul, P.B. Sigl, and R.R. Taylor; and Joanna Allhands of The Arizona Republic.

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 Water Committee meeting at the SRP Administration Building, 1500 North Mill Avenue, Tempe, Arizona, at 9:00 a.m. on Friday, August 11, 2023.

Vice Chairman R.C. Arnett called the meeting to order.

Consent Agenda

Vice Chairman R.C. Arnett requested a motion for Committee approval of the Consent Agenda, in its entirety.

On a motion duly made by Board Member M.J. Herrera and seconded by Board Member M.V. Pace, the Committee unanimously approved and adopted the following item on the Consent Agenda:

- Minutes of the Water Committee meeting on June 13, 2023, as presented

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

YES:	Board Members R.C. Arnett, Vice Chairman; and M.J. Herrera, A.G. McAfee, K.L. Mohr-Almeida, and M.V. Pace	(5)
NO:	None	(0)
ABSTAINED:	None	(0)
ABSENT:	Board Members K.J. Johnson, Chairman; and P.E. Rovey	(2)

Ms. E.N. Barton left the meeting. Board Members N.R. Brown, K.J. Johnson, P.E. Rovey, and K.B. Woods; Board Member L.D. Rovey of the Association; Council Members M.A. Lewis and A.S. Hatley; Ms. P.A. Likens; and Messrs. R.T. Judd and B.A. Olsen entered the meeting.

SRP's Resilient Water and Forest Initiatives

Using a PowerPoint presentation, Elvy N. Barton, SRP Manager of Water and Forest Sustainability, stated that the purpose of the presentation was to provide an update on SRP's resilient water and forest initiative, an overview of SRP commercial customer initiative to attract additional forest thinning funding, and an overview of SRP's carbon and water benefit modeling efforts related to the initiative.

Ms. E.N. Barton reminded the Committee that the forest health goal includes the following three strategic pillars: partnership, projects, and policy. She explained that the objectives of funding the forest projects consist of diversified portfolios and consistent and long-term federal, state, local, and nonprofit sources. Ms. E.N. Barton said that SRP attempts to predict water supplies for central Arizona, while offering diverse co-benefits to help achieve sustainability commitments, and continues to leverage public, non-profit, and private funding.

Ms. E.N. Barton provided an overview of the benefits of the watershed hydrological response model developed with Arizona State University and the methodology of reduced carbon emissions from megafires. She provided a map of the forest areas to be thinned in Arizona, along with an overview of the Dude Phase 1 thinning project.

Ms. E.N. Barton concluded with a discussion of objectives relating to the Innovative Finance for National Forests (IFNF) Grant. She 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.

Executive Session: EPCOR

Vice Chairman R.C. Arnett requested a motion to enter into executive session, pursuant to A.R.S. §38-431.03(A)(3) and (A)(4), to have discussion or consultation with attorneys for legal advice on the status of discussion with EPCOR on the following 1) an agreement to update the 1991 Exchange Agreement between Rio Verde Utilities (RVU) and SRP for the upstream exchange of Central Arizona Project (CAP) water for Verde River water for use within the RVU service area and 2) a Temporary Agreement with EPCOR for EPCOR to provide standpipe water service to residents of Rio Verde Foothills (RVF).

On a motion duly made by Board Member M.V. Pace, seconded by Board Member A.G. McAfee and carried, the Water Committee convened into executive session at 9:59 a.m.

Corporate Secretary J.M. Felty polled the Committee Members on Board Member M.V. Pace’s motion to enter into executive session. The vote was recorded as follows:

- YES: Board Members K.J. Johnson, Chairman; R.C. Arnett, Vice Chairman; and M.J. Herrera, A.G. McAfee, K.L. Mohr-Almeida, M.V. Pace, and P.E. Rovey (7)
- NO: None (0)
- ABSTAINED: None (0)
- ABSENT: None (0)

Joanna Allhands of The Arizona Republic left the meeting.

The Committee reconvened into open session at 10:33 a.m., with the following members and others present: President D. Rousseau; District Vice President C.J. Dobson; Board Members R.C. Arnett, N.R. Brown, M.J. Herrera, K.J. Johnson, A.G. McAfee, R.J. Miller, K.L. Mohr-Almeida, M.V. Pace, P.E. Rovey, J.M. White Jr., S.H. Williams, and K.B. Woods; Board Member L.D. Rovey of the Association; Council Vice Chairman J.R. Shelton; Council Liaisons M.A. Freeman and G.E. Geiger; Council Members M.L. Farmer, A.S. Hatley, M.A. Lewis, M.C. Pedersen; Mmes. I.R. Avalos, M.J. Burger, A.P. Chabrier, L.F. Hobaica, J.M. Jovanovic, P.A. Likens, C.M. McJunkin, L.A. Meyers, G.A. Mingura, and C.M. Sifuentes; and Messrs. J.D. Coggins, J.M. Felty, S.P. Flora, Z.J. Heim, R.T. Judd, S.B. Lutz, A.J. McSheffrey, M.S. Mendonca, R. Navarro, M.J. O’Connor, B.A. Olsen, J.M. Pratt, G. Saint Paul, P.B. Sigl, and R.R. Taylor.

Joanna Allhands of The Arizona Republic entered the meeting.

Rio Verde Utilities Exchange Agreement

Using a PowerPoint presentation, Christa M. McJunkin, Senior Director of Water Supply and Systems, stated that the purpose of the presentation was to request approval for SRP to enter into agreements with EPCOR 1) to update the 1991 Exchange Agreement between RVU and SRP for the upstream exchange of CAP water for Verde River water for use within the RVU service area and 2) a Temporary Agreement with EPCOR for EPCOR to provide standpipe water service to residents of RVF.

Ms. C.M. McJunkin and Patrick B. Sigl, SRP Principal Managing Attorney, provided an overview of the key terms for the Temporary Agreement between EPCOR and SRP and the Amended Exchange Agreement regarding EPCOR service to RVU.

Ms. C.M. McJunkin concluded by requesting approval to authorize the Associate General Manager and Chief Water Resources and Services Executive, President, Vice President, or General Manager and Chief Executive Officer to execute 1) the Temporary Standpipe Well Agreement between EPCOR and SRP; 2) the Amended and Restated Agreement for upstream exchange of CAP water and other matters between EPCOR and SRP; and 3) any subsequent amendments to such agreements that do not materially modify the terms of the agreements.

On a motion duly made by Board Member M.J. Herrera, seconded by Vice Chairman R.C. Arnett and carried, the Committee agreed to recommend Board approval as presented.

Corporate Secretary J.M. Felty polled the Committee Members on Board Member M.J. Herrera’s motion to recommend Board approval. The vote was recorded as follows:

YES:	Board Members K.J. Johnson, Chairman; R.C. Arnett, Vice Chairman; and M.J. Herrera, A.G. McAfee, K.L. Mohr-Almeida, M.V. Pace, and P.E. Rovey	(7)
NO:	None	(0)
ABSTAINED:	None	(0)
ABSENT:	None	(0)

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.

Mr. G. Saint Paul left 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.

Future Agenda Topics

Vice Chairman R.C. Arnett asked the Committee if there were any future agenda topics. None were requested.

There being no further business to come before the Water Committee, the meeting adjourned at 10:38 a.m.

John M. Felty
Corporate Secretary

Solar Mounted Over Canal Study

**Water Committee Presentation
September 19, 2023**

Andy Johnson

Agenda

- Canal Solar Concept Overview
- ASU Study Progress
- Consultant Design Work
- Federal Funding Update

Solar on Canal Projects



India



Gila River Indian Community



Turlock Irrigation District

Potential Benefits to SRP

- Use of existing BOR land
- Evaporation savings
- Impacts to aquatic vegetation growth
- Renewable generation source

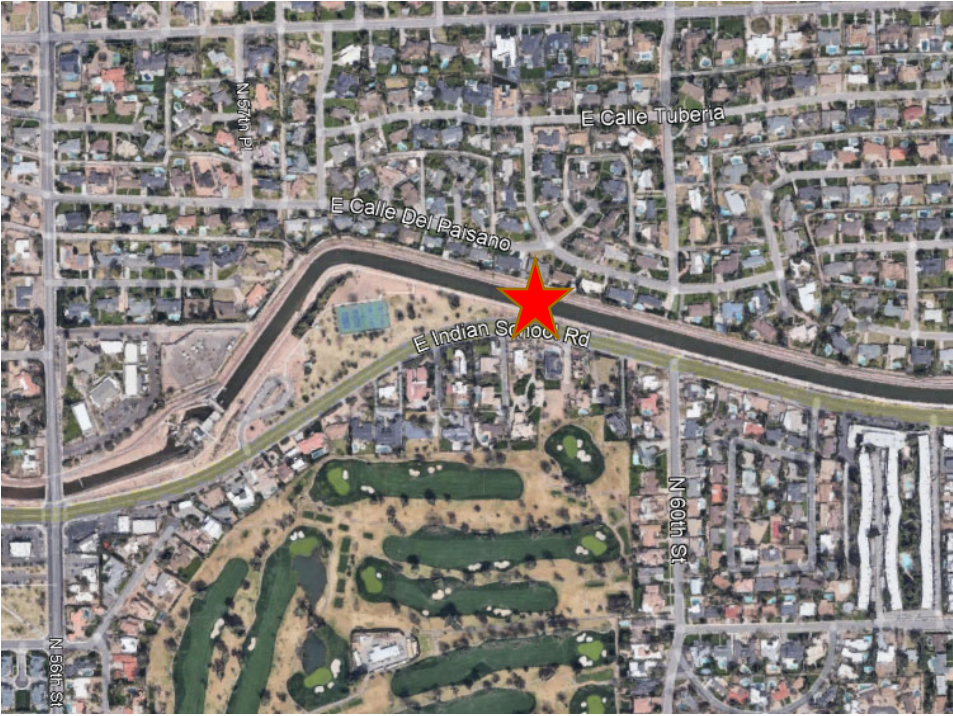
Potential Concerns

- Public safety
- Clearance for equipment
- Reduce maintenance efficiencies and increase costs
- May require specialized equipment
- Increased shade may increase infestation of quagga mussels

ASU Research Progress

- Evaluate site locations
- Instrumentation and data collection to calculate potential evaporation savings
- Investigate solar panel efficiency

Study Locations



Arizona Falls



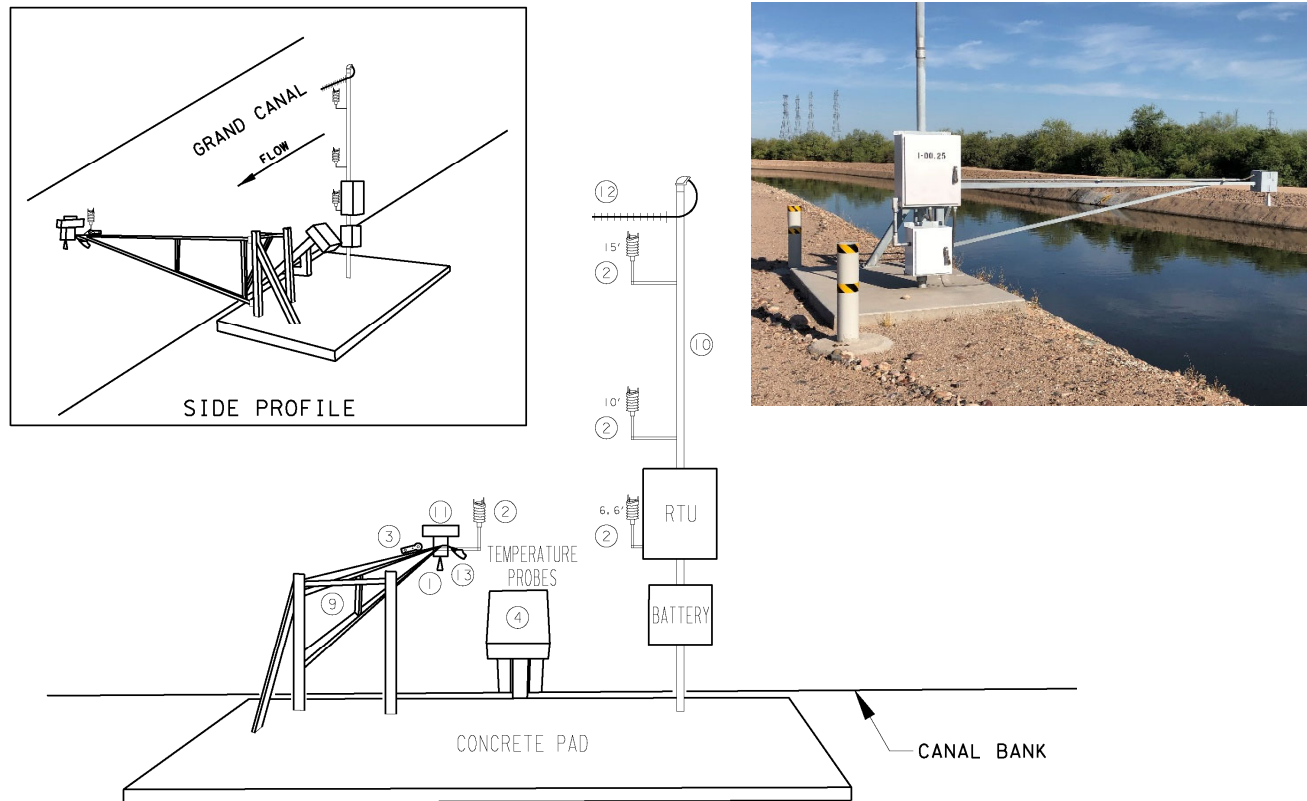
PERA Club

Isotope Collection and Analysis

Sample collection/preparation



Instrumentation and Data Collection



Solar Panel Efficiency

Ongoing study to directly measure evaporation from pans covered by solar panels

PV Panels



PV Panels + Evaporation Pans



Consultant Objectives

- Site Selection
- Conceptual and 15% designs
 - Determine optimum system design
 - Evaluate maintenance efficiency considerations
 - Assess public safety implications
 - Develop options for distribution interconnection
 - Cost effective solutions

Timeline

- ASU Scope
 - Isotope sampling completion: June 2024
 - Data collection and analysis: October 2024
- Consultant Scope
 - Consultant kick-off meeting (09/13/2023)
 - Site selection: October 2023
 - Concept selection: December 2023
 - Finalize 15% design plans and estimate: March 2024

Next Steps

- Explore federal funding sources
- Investigate impacts to aquatic vegetation
- Study invasive species infestation
- Understand cost/benefit

