



SOUTHERN CALIFORNIA
ASSOCIATION OF GOVERNMENTS

900 Wilshire Blvd., Ste. 1700

Los Angeles, CA 90017

(213) 236-1800

www.scag.ca.gov

REGIONAL COUNCIL OFFICERS

President

Ray Marquez, Chino Hills

First Vice President

Jenny Crosswhite, Santa Paula

Second Vice President

Patricia Lock Dawson, Riverside

Immediate Past President

Cindy Allen, Long Beach

COMMITTEE CHAIRS

Executive Administration

Ray Marquez, Chino Hills

Community, Economic, and

Human Development

Rocky Rhodes, Simi Valley

Energy and Environment

Rick Denison, Yucca Valley

Transportation

Mike T. Judge, Ventura County

Transportation Commission

MEETING OF THE

ENERGY AND ENVIRONMENT COMMITTEE

***Members of the Public are Welcome to Attend
In-Person & Remotely***

Thursday, October 1, 2026

9:30 a.m. – 11:15 a.m.

To Attend In-Person:

SCAG Main Office – Policy A Meeting Room

900 Wilshire Blvd., Ste. 1700

Los Angeles, CA 90017

To Watch or View Only:

<https://scag.ca.gov/scag-tv-livestream>

To Attend and Participate on Your Computer:

<https://scag.zoom.us/j/81703196837>

To Attend and Participate by Phone:

Call-in Number: 1-669-900-6833

Meeting ID: 817 0319 6837

PUBLIC ADVISORY

If members of the public wish to review the attachments or have any questions on any of the agenda items, please contact Maggie Aguilar at (213) 630-1420 or via email at aguilarm@scag.ca.gov. Agendas & Minutes are also available at: www.scag.ca.gov/committees.

SCAG, in accordance with the Americans with Disabilities Act (ADA), will accommodate persons who require a modification of accommodation to participate in this meeting. SCAG is also committed to helping people with limited proficiency in the English language access the agency's essential public information and services. You can request such assistance by calling (213) 236-1895. We request at least 72 hours (three days) notice to provide reasonable accommodations and will make every effort to arrange for assistance as soon as possible.



Instructions for Attending the Meeting

To Attend In-Person and Provide Verbal Comments: Go to the SCAG Main Office located at 900 Wilshire Blvd., Ste. 1700, Los Angeles, CA 90017 or any of the remote locations noticed in the agenda. The meeting will take place in the Policy A Meeting Room on the 17th floor starting at 9:30 a.m.

To Attend by Computer: Click the following link: <https://scag.zoom.us/j/81703196837>. If Zoom is not already installed on your computer, click “Download & Run Zoom” on the launch page and press “Run” when prompted by your browser. If Zoom has previously been installed on your computer, please allow a few moments for the application to launch automatically. Select “Join Audio via Computer.” The virtual conference room will open. If you receive a message reading, “Please wait for the host to start this meeting,” simply remain in the room until the meeting begins.

To Attend by Phone: Call (669) 900-6833 to access the conference room. Given high call volumes recently experienced by Zoom, please continue dialing until you connect successfully. Enter the **Meeting ID:** 817 0319 6837, followed by #. Indicate that you are a participant by pressing # to continue. You will hear audio of the meeting in progress. Remain on the line if the meeting has not yet started.

Instructions for Participating and Public Comments

Members of the public can participate in the meeting via written or verbal comments.

In Writing: Written comments can be emailed to: ePublicComment@scag.ca.gov. Written comments received **by 5pm on Wednesday, September 30, 2026** will be transmitted to members of the legislative body and posted on SCAG’s website prior to the meeting. You are **not** required to submit public comments in writing or in advance of the meeting; this option is offered as a convenience should you desire not to provide comments in real time as described below. Written comments received after 5pm on Wednesday, September 30, 2026, will be announced and included as part of the official record of the meeting. Any writings or documents provided to a majority of this committee regarding any item on this agenda (other than writings legally exempt from public disclosure) are available at the Office of the Clerk, at 900 Wilshire Blvd., Suite 1700, Los Angeles, CA 90017 or by phone at (213) 630-1420, or email to aguilarm@scag.ca.gov.

Remotely: If participating in real time via Zoom or phone, please wait for the presiding officer to call the item for which you wish to speak and use the “raise hand” function on your computer or *9 by phone and wait for SCAG staff to announce your name/phone number.

In-Person: If participating in-person, you are invited but not required, to fill out and present a Public Comment Card to the Clerk of the Board or other SCAG staff prior to speaking. It is helpful to indicate whether you wish to speak during the Public Comment Period (Matters Not on the Agenda) and/or on an item listed on the agenda.

General Information for Public Comments

Verbal comments can be presented in real time during the meeting. Members of the public are allowed a total of 3 minutes for verbal comments. The presiding officer retains discretion to adjust time limits as necessary to ensure efficient and orderly conduct of the meeting, including equally reducing the time of all comments.

For purpose of providing public comment for items listed on the Consent Calendar, please indicate that you wish to speak when the Consent Calendar is called. Items listed on the Consent Calendar will be acted on with one motion and there will be no separate discussion of these items unless a member of the legislative body so requests, in which event, the item will be considered separately.

In accordance with SCAG’s Regional Council Policy, Article VI, Section H and California Government Code Section 54957.9, if a SCAG meeting is “willfully interrupted” and the “orderly conduct of the meeting” becomes unfeasible, the presiding officer or the Chair of the legislative body may order the removal of the individuals who are disrupting the meeting.



ENERGY AND ENVIRONMENT COMMITTEE AGENDA

TELECONFERENCE AVAILABLE AT THESE ADDITIONAL LOCATIONS*

Ana Beltran America's Best Value Inn Lobby 351 W. Main Street Westmorland, CA 92281	Art Bishop Town of Apple Valley - Town Hall 14955 Dale Evans Pkwy Conference Room A Apple Valley, CA 92307	Daniel Brotman City of Glendale - City Hall 613 E Broadway, Ste 200 Glendale, CA 91206
Ned E. Davis City of Westlake Village - City Hall 31200 Oak Crest Drive Westlake Village, CA 91361	Carmen Hernandez City of Barstow - City Hall 220 E. Mountain View Barstow, CA 92311	Shari L. Horne City of Laguna Woods - City Hall 24264 El Toro Road Laguna Woods, CA 92637
Britt Huff City of Rolling Hills Estates - City Hall 4045 Palos Verdes Drive North Rolling Hills Estates CA, 90274	Brian Johsz 5615 Gableview Court Chino Hills, CA 91709	Elaine Litster City of Simi Valley - City Hall 2929 Tapo Canyon Road Simi Valley, CA 93063
Patty Senecal City of Seal Beach - City Hall 211 8th Street Seal Beach, CA 90740	Jennifer Stark City of Claremont - City Hall 207 Harvard Avenue 2nd City Council Office Claremont, CA 91711	Ali Taj 11856 E. 187th Street Artesia CA 90701
Tamala Takahashi City of Burbank - City Hall 275 East Olive Avenue 2nd Floor, Council Office Burbank, CA 91502	Dale Welty City of Canyon Lake - City Hall 31526 Railroad Canyon Road Canyon Lake, CA 92584	

* Under the teleconferencing rules of the Brown Act, members of the body may remotely participate at any location specified above.

EEC - Energy and Environment Committee
Members – October 2026

- 1. Hon. Rick Denison**
EEC Chair, Yucca Valley, RC District 11
- 2. Hon. Daniel Ramos**
EEC Vice Chair, Adelanto, RC District 65
- 3. Hon. Ana Beltran**
Westmorland, ICTC
- 4. Hon. Arthur Bishop**
Apple Valley, SBCTA
- 5. Hon. Daniel Brotman**
Glendale, AVCJPA
- 6. Sup. Martha Cardenas-Singh**
Imperial County
- 7. Hon. Ed Chen**
Temple City
- 8. Hon. Margaret Clark**
Rosemead, Pres. Appt. (Member at Large)
- 9. Hon. Robert Copeland**
Signal Hill, GCCOG
- 10. Hon. Jenny Crosswhite**
Santa Paula, RC District 47
- 11. Hon. Ned Davis**
Westlake Village, LVMCOG
- 12. Victoria Garcia**
San Fernando, Pres. Appt. (Member at Large)
- 13. Hon. Carmen Hernandez**
Barstow, SBCTA
- 14. Hon. Shari Horne**
Laguna Woods, OCCOG
- 15. Hon. Britt Huff**
Rolling Hills Estates, SBCCOG
- 16. Hon. Brian Johsz**
Chino Hills, SBCTA
- 17. Hon. Steven Leash**
Cahuilla Band of Indians

-
- 18. Hon. Elaine Litster**
Simi Valley, VCOG
 - 19. Hon. Patricia Lock Dawson**
Riverside, RC District 68
 - 20. Sup. Vianey Lopez**
Ventura County
 - 21. Hon. Yasmine-Imani McMorris**
Culver City, WCCOG
 - 22. Hon. Jeannette Sanchez-Palacios**
Ventura, VCOG
 - 23. Hon. Suely Saro**
Long Beach, RC District 29
 - 24. Hon. Patty Senecal**
Seal Beach, OCCOG
 - 25. Hon. Jennifer Stark**
Claremont, SGVCOG
 - 26. Hon. Ali Taj**
Artesia, GCCOG
 - 27. Hon. Tamala Takahashi**
Burbank, SFVCOG
 - 28. Hon. Connor Traut**
Buena Park, OCCOG
 - 29. Hon. Stephanie Virgen**
Coachella, CVAG
 - 30. Hon. Dale Welty**
Canyon Lake, WRCOG



ENERGY AND ENVIRONMENT COMMITTEE AGENDA

Southern California Association of Governments
900 Wilshire Boulevard, Suite 1700 - Policy A Meeting Room
Los Angeles, CA 90017
Thursday, October 1, 2026
9:30 AM

The Energy and Environment Committee may consider and act upon any of the items on the agenda regardless of whether they are listed as Information or Action items.

CALL TO ORDER AND PLEDGE OF ALLEGIANCE

(The Honorable Rick Denison, Chair)

PUBLIC COMMENT PERIOD (Matters Not on the Agenda)

This is the time for public comments on any matter of interest within SCAG's jurisdiction that is **not** listed on the agenda. For items listed on the agenda, public comments will be received when that item is considered. Although the committee may briefly respond to statements or questions, under state law, matters presented under this item cannot be discussed or acted upon at this time.

REVIEW AND PRIORITIZE AGENDA ITEMS

CONSENT CALENDAR

Approval Items

1. Minutes of the Meeting – September 3, 2026

PG. 8

Receive and File

2. EEC Outlook and Future Agenda Items

PG. 14

INFORMATION ITEMS

3. Clean and Resilient Utility Infrastructure Study Overview
(Ryan Wolfe, Department Manager, SCAG)

15 Mins. PG. 18

4. California's Fifth Climate Change Assessment: Climate Impacts to the Economy
(Teevrat Garg, Associate Professor of Economics in the School of Global Policy and Strategy at the University of California, San Diego)

20 Mins. PG. 26

5. CoolClimate Network: Smart Tools for a Cooler Planet
(Dr. Christopher Jones, Director, CoolClimate Network)

20 Mins. PG. 28

6. CalHeatScore Overview
(Walker Weiland, Office of Environmental Health Hazard Assessment, Cal EPA)

20 Mins. PG. 30



ENERGY AND ENVIRONMENT COMMITTEE AGENDA

CHAIR'S REPORT

(The Honorable Rick Denison, Chair)

STAFF REPORT

(Ivette Macias, Government Affairs Officer, SCAG)

ANNOUNCEMENTS

ADJOURNMENT



Southern California Association of Governments
October 1, 2026

**MINUTES OF THE MEETING
ENERGY AND ENVIRONMENT COMMITTEE
THURSDAY, SEPTEMBER 3, 2026**

THE FOLLOWING MINUTES ARE A SUMMARY OF ACTIONS TAKEN BY THE ENERGY AND ENVIRONMENT COMMITTEE (EEC). A DIGITAL RECORDING OF THE ACTUAL MEETING IS AVAILABLE AT: <http://scag.ig2.com/Citizens/>.

The Energy and Environment Committee (EEC) of the Southern California Association of Governments (SCAG) held its regular meeting both in person and virtually (telephonically and electronically). A quorum was present.

Members Present

Hon. Rick Denison (Chair)	<i>Yucca Valley</i>	District 11
Hon. Daniel Ramos (Vice Chair)	<i>Adelanto</i>	District 65
Hon. Ana Beltran	<i>Westmoreland</i>	ICTC
Hon. Art Bishop	<i>Town of Apple Valley</i>	SBCTA
Hon. Martha Cardenas-Singh		Imperial County
Hon. Ed Chen	<i>Temple City</i>	SGVCOG
Hon. Margaret Clark	<i>Rosemead</i>	Pres. Appointment
Hon. Robert Copeland	<i>Signal Hill</i>	GCCOG
Hon. Jenny Crosswhite	<i>Santa Paula</i>	District 47
Hon. Ned Davis	<i>Westlake Village</i>	LVMCOG
Hon. Victoria Garcia	<i>San Fernando</i>	Pres. Appointment
Hon. Carmen Hernandez	<i>Barstow</i>	SBCTA
Hon. Shari Horne	<i>Laguna Woods</i>	OCCOG
Hon. Elaine Litster	<i>Simi Valley</i>	VCOG
Hon. Brian Johsz	<i>Chino Hills</i>	SBCTA
Hon. Patricia Lock Dawson	<i>Riverside</i>	District 68
Hon. Vianey Lopez		Ventura County
Hon. Yasmine-Imani McMorris	<i>Culver City</i>	WCCOG
Hon. Suely Saro	<i>Long Beach</i>	District 29
Hon. Patty Senecal	<i>Seal Beach</i>	OCCOG
Hon. Jennifer Stark	<i>Claremont</i>	SGVCOG
Hon. Ali Taj	<i>Artesia</i>	Pres. Appt
Hon. Tamala Takahashi	<i>Burbank</i>	SFVCOG
Hon. Connor Traut	<i>Buena Park</i>	OCCOG
Hon. Dale Welty	<i>Canyon Lake</i>	WRCOG

Members Not Present

Hon. Daniel Brotman	<i>Glendale</i>	District 42
---------------------	-----------------	-------------

Hon. Britt Huff	<i>Rolling Hills Estates</i>	SBCCOG
Hon. Steven Leash	<i>Cahuilla Band of Indians</i>	
Hon. Jeannette Sanchez-Palacios	<i>Ventura</i>	VCOG
Hon. Stephanie Virgen	<i>Coachella</i>	CVAG

CALL TO ORDER AND PLEDGE OF ALLEGIANCE

Chair Denison called the meeting to order at 9:33 a.m. Policy Committee Member Ed Chen, Temple City, SGVCOG, led the Pledge of Allegiance. Staff confirmed a quorum was present.

PUBLIC COMMENT PERIOD

Chair Denison opened the public comment period and noted that this was the time for members of the public to offer comment on matters that are within SCAG's jurisdiction but are not listed on the agenda.

Chair Denison asked if any comments were received after the deadline. SCAG staff acknowledged there were no public comments received after the 5:00 p.m. deadline of September 2, 2026.

Seeing no public comment, Chair Denison closed the public comment period for matters not listed on the agenda.

REVIEW AND PRIORITIZE AGENDA ITEMS

There were no requests to prioritize agenda items.

CONSENT CALENDAR

Approval Items

1. Minutes of the Meeting – July 2, 2026

Receive and File

2. EEC Outlook and Future Agenda Items
3. Connect SoCal 2050: CEQA Documentation Initiation
4. Innovative Clean Transit Regional Assessment Study

EEC Vice Chair Ramos stated that Member Victoria Garcia notified him that she did not attend from an approved remote location during the previous meeting and requested that her vote be removed from the meeting minutes.

A MOTION was made (Crosswhite) to approve Consent Calendar Item 1, with revised minutes; and Receive and File Items 2 through 4. Motion was SECONDED (Clark) and passed by the following votes:

AYES: Beltran, Bishop, Cardenas-Singh, Chen, Clark, Copeland, Crosswhite, Davis, Denison, Hernandez, Horne, Johz, Litster, Lock Dawson, Ramos, Stark, Taj, Takahashi, Traut, and Welty (20)

NOES: None (0)

ABSTAIN: None (0)

ACTION ITEM

5. Recommendation to Adopt Addendum 2 to the Connect SoCal 2024 Final Program Environmental Impact Report (State Clearinghouse No. : 2022100337)

There were no public comments on item 5.

Karen Calderon, Principal Regional Planner, stated that CEQA required environmental review of Connect SoCal Amendment 2 and indicated the completed analysis found no new significant impacts and that all proposed changes remained within the scope of the previously certified PEIR. She recommended adoption of Addendum 2 as the appropriate environmental document.

A MOTION was made (Ramos) to recommend that the Regional Council adopt Resolution No. 26-684-1 approving Addendum 2 to the Connect SoCal 2024 Program Environmental Impact Report (PEIR, SCH No. 2022100337), and direct staff to carry out administrative tasks for the approval. Motion was SECONDED (Chen) and passed by the following votes:

AYES: Beltran, Bishop, Cardenas-Singh, Chen, Clark, Copeland, Crosswhite, Davis, Denison, Hernandez, Horne, Johz, Litster, Lock Dawson, Ramos, Saro, Stark, Taj, Takahashi, Traut, and Welty (21)

NOES: None (0)

ABSTAIN: None (0)

6. Transportation Conformity Determinations of Proposed Final 2027 Federal Transportation Improvement Program (FTIP) and Proposed Final Connect SoCal 2024 Amendment 2

There were no public comments on item 6.

Ryan Banuelos, Senior Regional Planner, stated that SCAG had completed the required transportation conformity analyses for the proposed 2027 FTIP and Connect SoCal 2024 Amendment 2. He indicated

both reports satisfied all federal conformity requirements through regional emissions analysis, financial constraints and timely implementation of control measures. He requested that the committee recommend to the Regional Council for approval and authorization for federal submittal.

A MOTION was made (Lock Dawson) to recommend that the Regional Council approve the transportation conformity determinations of the proposed final 2027 FTIP and the proposed final Connect SoCal 2024 (2024 RTP/SCS) Amendment 2; and direct staff to carry out administrative tasks for submittal to the Federal Highway Administration and Federal Transit Administration for final approval. Motion was SECONDED (Saro) and passed by the following votes:

AYES: Beltran, Bishop, Cardenas-Singh, Chen, Clark, Copeland, Crosswhite, Davis, Denison, Hernandez, Horne, Johz, Litster, Lock Dawson, Ramos, Saro, Stark, Taj, Takahashi, Traut, and Welty (21)

NOES: None (0)

ABSTAIN: None (0)

7. Connect SoCal 2050: Policy Development Framework

There was one public comment on item 7 from Mike McCarthy, Vice Chair of Riverside Neighbors Opposing Warehouses and Sierra Club Box Springs Group Conservation Co-Chair. He stated the Connect SoCal 2050 framework should address goods movement, warehouse growth, and related air quality impacts.

Philip Law, Deputy Director, stated that the Connect SoCal 2050 Policy Development Framework was reviewed by the Connect SoCal 2050 Subcommittee and brought forward for policy committee recommendation. He stated that the framework focused on regional planning policies, implementation strategies, future scenario planning, and leadership through the subcommittee, with key focus areas including demographics, transportation technology, housing, and resilience. He further stated that the current plan included significant investments in transportation operations and maintenance and noted the long-term transportation funding challenges associated with declining gas tax revenue. Lastly, he indicated that future policy committee discussions would address issues such as resilience, housing, environmental considerations, and disadvantaged communities.

A MOTION was made (Saro) to recommend that the Regional Council adopt the Connect SoCal 2050 Policy Development Framework. Motion was SECONDED (Lock Dawson) and passed by the following votes:

AYES: Beltran, Bishop, Cardenas-Singh, Chen, Clark, Copeland, Crosswhite, Davis, Denison, Garcia, Hernandez, Horne, Johz, Litster, Lock Dawson, Lopez, McMorrin, Ramos, Senecal, Saro, Stark, Taj, Takahashi, and Welty (24)

NOES: None (0)

ABSTAIN: None (0)

INFORMATION ITEMS

8. Regional Wildlife Connectivity Study Overview

There were no public comments on item 8.

India Brookover, Senior Regional Planner, stated that the Regional Wildlife Connectivity Study, which was funded through a Caltrans Sustainable Transportation Planning Grant, would identify high-value areas for wildlife connectivity improvements, support transportation safety and ecosystem resilience, highlight best practices, and identify funding and partnership opportunities. She indicated the study would be conducted from 2027 through 2029 with ongoing stakeholder engagement and would support future wildlife crossing and habitat connectivity efforts across the SCAG region.

CHAIR'S REPORT

Chair Denison stated that SCAG released the Innovative Clean Transit Regional Assessment, which evaluates regional readiness for the transition to zero-emission bus fleets by 2040. He also announced SCAG received a \$700,000 Caltrans grant for the Regional Wildlife Connectivity Study, which would identify opportunities to improve wildlife movement, reduce vehicle collisions, and support ecosystem connectivity.

STAFF REPORT

Chair Denison provided the staff report and stated that the SCAG Economic Roundtable discussed regional economic trends, noting continued economic growth, slower job creation, increased housing production, and varying economic conditions across the SCAG region.

ANNOUNCEMENT

There were no announcements.

ADJOURNMENT

There being no further business, Chair Denison adjourned the Energy and Environment Committee meeting at 10:30 a.m.

[MINUTES ARE UNOFFICIAL UNTIL APPROVED BY THE EEC]

//

ENERGY AND ENVIRONMENT COMMITTEE ATTENDANCE REPORT															
2026-2027															
MEMBERS	Representing	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	April	May	Total Mtgs Attended To Date	
Beltran, Ana	Westmoreland, ICTC	0	1	D	1									2	
Bishop, Art	Apple Valley, SBCTA	1	1		1									3	
Brotman, Daniel	Glendale, RC District 42	1	0		0									1	
Cardenas-Singh, Martha	Imperial County	0	1		1									2	
Chen, Ed	Temple City, SCVCOG	1	1		1									3	
Clark, Margaret	Rosemead, Pres. Apt	1	1		1									3	
Copeland, Robert	Signal Hill, GCCOG	1	0		1									2	
Crosswhite, Jenny	Santa Paula, RC District 47	1	1		1									3	
Davis, Ned	Westlake Village, LVMCOG	1	0		1									2	
Denison, Rick	Yucca Valley, RC District 11	1	1		1									3	
Garcia, Victoria	San Fernando, Pres. Apt	0	1	A	1									2	
Hernandez, Carmen	Barstow, SBCTA	1	1		1									3	
Horne, Shari	Laguna Woods, OCCOG	1	0		1									2	
Huff, Britt	Rolling Hills Estates, SCBCOG	1	1		0									2	
Johsz, Brian	Chino Hills, SBCTA	1	1		1									3	
Leash, Steven	Cahuilla Band of Indians	0	0	R	0									0	
Litster, Elaine	Simi Valley, VCOG	1	0		1									2	
Lock Dawson, Patricia	Riverside, District 68	0	1		1									2	
Lopez, Vianey	Ventura County	1	0		1									2	
McMorrin, Yasmine-Imani	Culver City, WCCOG	1	1		1									3	
Ramos, Daniel	Adelanto, SBCTA	1	1	K	1									3	
Sanchez-Palacios, Jeanette	Ventura, VCOG	1	0		0									1	
Saro, Suely	Long Beach, RC District 29	1	1		1									3	
Senecal, Patty	Seal Beach, OCCOG	1	1		1									3	
Stark, Jennifer	Claremont, SGVCOG	1	1		1									3	
Taj, Ali	Artesia, Pres. Apt	1	1		1									3	
Takahashi, Tamala	Burbank, SFVCOG	0	1		1									2	
Traut, Connor	Buena Park, OCCOG	0	1		1									2	
Virgen, Stephanie	Coachella, CVAG	0	1		0									1	
Welty, Dale	Canyon Lake, WRCOG	1	1		1									3	



AGENDA ITEM 2

REPORT

Southern California Association of Governments
October 1, 2026

To: EEC - Energy and Environment Committee
From: Ryan Wolfe, Department Manager (S and R)
213-630-1527, wolfe@scag.ca.gov
Subject: EEC Outlook and Future Agenda Items

EXECUTIVE DIRECTOR'S
APPROVAL

Kome Ajise

RECOMMENDED ACTION:

Receive and File

STRATEGIC PRIORITIES:

This item supports the following Strategic Priority 1: Establish and implement a regional vision for a sustainable future. 3: Spur innovation and action through leadership in research, analysis and information sharing. 5: Secure and optimize diverse funding sources to support regional priorities.

EXECUTIVE SUMMARY:

In April 2024, SCAG's Regional Council adopted the 2024-2050 Regional Transportation Plan/Sustainable Communities Strategy, Connect SoCal 2024, which is the guiding document for SCAG's regional planning, programming, and local assistance activities. Each year during the Executive Administration Committee (EAC) Retreat, the President leads a conversation with the Chairs and Vice Chairs of all policy committees and the full EAC membership to discuss priorities for implementing and updating Connect SoCal alongside meeting other federal and state requirements. For FY2027, the EEC Outlook reflects outcomes of the 2026 Executive Administration Committee (EAC) Retreat EEC and discussions with the EEC Chair and Vice Chair. The Committee Outlook and Future Agenda Items will be updated monthly as a receive and file item and can be pulled by the Chair for discussion at the request of members for input and modifications.

BACKGROUND:

The work of the Southern California Association of Governments (SCAG) and the leadership from the agency's Policy Committees and Regional Council is driven by SCAG's legally mandated duties as a Metropolitan Planning Organization (MPO) for Southern California, the long-range Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS), Connect SoCal 2024 as well as, the agency Strategic Plan approved by the Executive Administrative Committee on May 1, 2024.

Energy and Environment Committee (EEC) Outlook and Framework

The Policy Committees help to further the implementation of Connect SoCal by advising on policy, research or resource programs. The Policy Committees will also be informed and advise on broader

regional leadership items as needed. In addition, as appropriate within the scope of each Policy Committee, the FY2027 Presidential Priorities are incorporated in the Outlook.

- Clean Transportation Technology
- Housing Production
- Regional planning in support of the 2028 Olympic & Paralympic Games
- Infrastructure as Driver of Housing & Economic Development

The topics and panels covered may change based on speaker availability, progress on the targeted programs, and other requests from the Committee Chair and Vice Chair as well as members. To request future agenda items, Policy Committee members may request that this agenda item be pulled for discussion, or they may send a request directly to the Chair or committee staff for consideration and reporting out at the next meeting. Agenda items that are recommended by Policy Committee members will be discussed with the Chair and Vice Chair to assess relevance to the EEC Policy Committee and the considerations noted above.

FISCAL IMPACT:

None.

ATTACHMENT(S):

1. FY27 EEC Agenda Outlook - October

Energy and Environment Committee

The Energy & Environment Committee (EEC) shall study and provide policy recommendations to the Regional Council relative to challenges and opportunities, programs and other matters, which pertain to the regional issues of energy and the environment. EEC shall also be responsible for reviewing and providing policy recommendations to the Regional Council on matters pertaining to environmental compliance.

EEC Committee Agenda Outlook for FY2027

Anticipated major actions and information items. Does not include all Receive/File and Program Updates

Date	Agenda Items
July	- Greenprint Tool Overview - Public Release of Draft Transportation Conformity Analyses of Draft 2027 Federal Transportation Improvement Program (FTIP) and Draft Connect SoCal 2024 Amendment 2 - V2X and Smart Technology
Sept	- Transportation Conformity Determinations of Proposed Final 2027 Federal Transportation Improvement Program (FTIP) and Proposed Final Connect SoCal 2024 Amendment 2 - Recommendation to adopt Addendum 2 to the Connect SoCal 2024 Final Program Environmental Impact Report (State Clearinghouse No.: 2022100337) - Approval of 2027 FTIP and Amendment 2 to Connect SoCal 2024 - Regional Wildlife Connectivity Study Overview - Connect SoCal 2050: Regional Planning Policies & Implementation Strategies Updates
Oct	SB 1087: Briefing and Next Steps Removed - Clean and Resilient Utility Infrastructure Study Overview - California's 5th Climate Change Assessment <i>Added</i> - CoolClimate Calculator GHG Tool <i>Added</i> - CalHeatScore Overview <i>Added</i>
Nov	- Request to Release Connect SoCal 2050 PEIR Notice of Preparation - Data Center Policy Approaches - Connect SoCal 2050: Green Region Resource Areas Overview - Resilience Quick Guides
Dec	Joint Policy Committee Meeting: Economic Update

EEC Committee Agenda Outlook for FY2027

Anticipated major actions and information items. Does not include all Receive/File and Program Updates

Date	Agenda Items
Jan	- Connect SoCal 2050 Program Environmental Impact Report (State Clearinghouse No.: TBD): Status Update on Notice of Preparation - Connect SoCal 2050: Draft Performance Measures - Natural and Agricultural Lands Economic and Resilience Benefits Study Ecosystem Benefits - Connect SoCal 2050: Draft Technical Methodology for Sustainable Communities Strategy
Feb	- Transportation Conformity Challenges in the SCAG Region - SCAG Climate Adaptation Planning Guide Update - Caltech Orbital Solar
Mar	Joint Policy Committee
Apr	- Connect SoCal 2050 Program Environmental Impact Report (State Clearinghouse No.: TBD): Status Update on Stakeholder Outreach and Highlights of Preliminary Approaches to Major Components - Connect SoCal Futures: Update
May	General Assembly
Jun	- Connect SoCal 2050: Final Performance Measures - Connect SoCal 2050: Policies for Draft Plan - Natural and Agricultural Lands Economic and Resilience Benefits Study White Paper - Clean and Resilient Utility Infrastructure Study Update



AGENDA ITEM 3

REPORT

Southern California Association of Governments

October 1, 2026

To: EEC - Energy and Environment Committee

From: Katherine Lample, Senior Regional Planner (S and R)
213-630-1448, lamplek@scag.ca.gov

Subject: Clean and Resilient Utility Infrastructure Study Overview

EXECUTIVE DIRECTOR'S
APPROVAL

Kome Ajise

RECOMMENDED ACTION:

Information Only – No Action Required

STRATEGIC PRIORITIES:

This item supports the following Strategic Priority 1: Establish and implement a regional vision for a sustainable future. 2: Be a cohesive and influential voice for the region. 3: Spur innovation and action through leadership in research, analysis and information sharing.

EXECUTIVE SUMMARY:

The Southern California Association of Governments (SCAG) is initiating the Clean and Resilient Utility Infrastructure Study (CRUIS) to deliver a regional Utility Infrastructure Strategic Plan. CRUIS will support implementation of Connect SoCal by identifying utility planning and infrastructure needs to support infill growth, the transportation network that connects and serves these areas, and the resilience of both to hazards such as extreme weather. Key sectors that will be included in the study will include electricity, water supply, wastewater, stormwater, broadband, natural gas, and green infrastructure.

BACKGROUND:

The Clean and Resilient Utility Infrastructure Study (CRUIS) is a two-year effort to deliver a regional Utility Infrastructure Strategic Plan that supports Connect SoCal 2024's vision for a healthy, prosperous, accessible, and connected region. A key strategy for achieving this vision is focusing future growth in existing communities through infill development and reinvestment in existing communities.

To achieve this, substantial utility planning and capital investments will be needed that support infill development, a clean and resilient transportation network, and the overall clean energy transition, while enhancing regional resilience. In particular, utility infrastructure plays an increasingly important role in supporting housing production, the electrification of the transportation and building sectors, and community resilience to extreme weather events such as extreme heat, wildfire, drought, and flooding.

In 2023 SCAG initiated the Regional Utilities Supporting Housing (RUSH) Expert Panel Report, which engaged utility providers, local governments, housing stakeholders, developers, transportation agencies, and state partners. It reinforced that a lack of utility readiness is a significant impediment to the delivery of planned housing in the region. Utility infrastructure is often inadequate, outdated, and in need of substantial investment, particularly in older, built out areas that are being targeted for infill growth. The state of utility infrastructure is frequently further complicated by gaps in utility infrastructure data, planning, and coordination that make assessing existing conditions and investment needs difficult. This often makes development more costly, and sometimes infeasible. The findings of the Expert Panel have informed the framework for SCAG's:

- **Regional Utilities Supporting Housing (RUSH) Program**, funded by \$35 million from REAP (Regional Early Action Program) 2.0, that is currently providing grants for utility planning and capital infrastructure projects throughout the region
- **Clean and Resilient Utility Infrastructure Study (CRUIS)**, that will deliver a regional Utility Infrastructure Strategic Plan to guide SCAG's longer-term efforts to support utility planning and infrastructure investments

The study will evaluate existing utility planning and infrastructure conditions needed to support infill development and the transportation network that connects and serves infill areas; estimate future demand associated with anticipated regional growth and development patterns, the clean energy transition, and the impacts of climate change; and lift-up best practices and funding strategies. Key sectors that will be included in the study will include electricity, water supply, wastewater, stormwater, broadband, natural gas, smart utilities and Internet of Things (IoT), and green infrastructure.

The study is anticipated to run for two years and conclude in the Summer of 2028. The study will include extensive engagement with utility providers, local jurisdictions, infrastructure agencies, and other stakeholders throughout the SCAG region. Staff will provide updates at key intervals as the study progresses.

FISCAL IMPACT:

There is no fiscal impact with this report. Work performed is funded through task 290.4965.01.

ATTACHMENT(S):

1. PowerPoint Presentation - Clean and Resilient Utility Infrastructure Study Overview



Clean and Resilient Utility Infrastructure Study (CRUIS)

Thursday October 1st, 2026

Energy and Environment Committee

WWW.SCAG.CA.GOV

1

Connect SoCal



- **Mobility:** Build and maintain an integrated multimodal transportation network
- **Communities:** Develop, connect and sustain livable and thriving communities
- **Environment:** Create a healthy region for the people of today and tomorrow
- **Economy:** Support a sustainable, efficient and productive regional economic environment that provides opportunities for all people in the region

Why Utility Infrastructure Matters

Connect SoCal Priority	Utility Infrastructure Connection
Housing & Infill Development	Housing growth, infill development, and reinvestment in existing neighborhoods depend on adequate utility capacity and reliable service
Transportation & Electrification	EV adoption and building electrification increase demand on utility systems
Resilience & Climate Adaptation	Extreme heat, drought, wildfire, and flooding place growing stress on infrastructure

What We've Heard from the Region

- **Utility Data Gaps:** Stakeholders cited a, *"lack of utility mapping or an information clearinghouse."*
- **Planning Disconnects:** Many participants noted that, *"long-range planning by jurisdictions and utilities are unconnected."*
- **Growing Infrastructure Demands:** Utility providers emphasized that, *"electricity demand is growing significantly very quickly as we electrify."*

Why CRUIS



To achieve Connect SoCal goals we need:

- Strategic utility infrastructure planning
- Capital investments to support infill growth



There are gaps in local and regional understanding of existing and future utility investment needs

How CRUIS Addresses These Gaps

Inputs

- Utility plans and infrastructure data
- Stakeholder engagement
- Connect SoCal growth forecasts

Analysis

- Future utility demand
- Infrastructure capacity and gaps
- Climate vulnerabilities and risks
- Best practices and emerging solutions
- Utility conditions in disadvantaged communities

Outcomes

Utility Infrastructure Strategic Plan:

- Regional infrastructure investment needs
- Funding and financing Strategies
- Regional coordination opportunities

CRUIS Goals

1

Improve understanding of regional utility conditions

- Baseline assessment of utility infrastructure
- Future utility needs under regional growth scenarios

2

Strengthen planning and coordination

- Utility, local government, and stakeholder engagement
- Regional framework for infrastructure planning

3

Identify implementation and funding strategies

- Strategic investment priorities
- Funding and financing opportunities
- Actionable recommendations

Sectors We Will Include

Electricity



Water Supply



Green Inf.



Wastewater



Broadband



Stormwater



Smart Utilities



Natural Gas*



Factors We Will Consider

- Future demand for utility infrastructure will be impacted by:
 - Demographic trends and associated growth/housing
 - Building and transportation electrification
 - Induced demand from climate change (ex. extreme heat)
 - Emerging sectors (data centers/AI)
 - Green infrastructure

Defining Our Scope



Included

- Regional utility trends
- Planning and infrastructure needs
- Best practices



Not Included

- Specific sites or neighborhoods for infrastructure (ex. data centers)
- Specific jurisdiction utility planning and infrastructure gaps
- Estimate of power generation types or power mix

CRUIS Timeline



THANK YOU



AGENDA ITEM 4

REPORT

Southern California Association of Governments

October 1, 2026

To: EEC - Energy and Environment Committee

EXECUTIVE DIRECTOR'S
APPROVAL

From: Kimberly Clark, Planning Supervisor (S and R)
213-236-1844, clark@scag.ca.gov

Kome Ajise

Subject: California's Fifth Climate Change Assessment: Climate Impacts to the
Economy

RECOMMENDED ACTION:

Information Only – No Action Required

STRATEGIC PRIORITIES:

This item supports the following Strategic Priority 3: Spur innovation and action through leadership in research, analysis and information sharing.

EXECUTIVE SUMMARY:

California's Fifth Climate Change Assessment provides updated science to help decision-makers understand climate risks and plan for adaptation. As part of the Assessment, the "Climate Impacts to the Economy" report, led by Dr. Gordon McCord and Dr. Teevrat Garg of UC San Diego, examines how climate change could affect California's communities, infrastructure, public services, and key industries, translating climate impacts into economic terms and highlighting the value of adaptation. Dr. Garg will present the report's key findings and implications for California.

BACKGROUND:

California's Fifth Climate Change Assessment is a statewide research initiative designed to provide updated science and information about how climate change is affecting California and how communities can prepare for future impacts. Led by the California Governor's Office of Land Use and Climate Innovation in partnership with the California Energy Commission, California Natural Resources Agency, and California Strategic Growth Council, the Assessment builds on four previous state climate assessments completed since 2006. Senate Bill 1320 (Stern, 2020) now calls for an assessment at least every five years.

The Fifth Assessment focuses on translating climate science into information that can support practical planning and investment decisions at the state, regional, local, and Tribal levels. It places particular emphasis on communities that are most vulnerable to climate impacts and incorporates community expertise, Tribal knowledge, and engagement with practitioners alongside academic research.

As part of California’s Fifth Climate Change Assessment, a new report (“Climate Impacts to the Economy”) examines the economic implications of climate change across California. Led by researchers Dr. Gordon McCord and Dr. Teevrat Garg at the UC San Diego School of Global Policy and Strategy, it translates climate science into economic terms to help policymakers and communities understand the potential costs of climate impacts and the value of adaptation. The report considers impacts across California’s social, built, and natural systems, providing a comprehensive look at how climate change could affect communities, infrastructure, public services, and key industries throughout the state.

Dr. Teevrat Garg is an Associate Professor of Economics at the School of Global Policy and Strategy at the University of California, San Diego. His research focuses on decarbonization, energy transitions, air quality, and climate adaptation. His work combines rigorous empirical methods with close partnerships with governments, utilities, and NGOs to generate evidence that informs real-world policy. His scholarship has been published in leading economics and interdisciplinary journals and has been featured in prominent media outlets including *The New York Times*. He previously served on the Board of Directors of the Association of Environmental and Resource Economists and currently serves as an editor at the *Journal of the Association of Environmental and Resource Economists*. In addition to his academic work, he is a co-founder of Pow-dr Technologies, a company developing scalable demand-side energy solutions designed to expand grid flexibility in emerging markets.

FISCAL IMPACT:

None



AGENDA ITEM 5

REPORT

Southern California Association of Governments

October 1, 2026

To: EEC - Energy and Environment Committee
From: Kimberly Clark, Planning Supervisor (S and R)
213-236-1844, clark@scag.ca.gov
Subject: CoolClimate Network: Smart Tools for a Cooler Planet

EXECUTIVE DIRECTOR'S
APPROVAL

Kome Ajise

RECOMMENDED ACTION:

Information Only – No Action Required

STRATEGIC PRIORITIES:

This item supports the following Strategic Priority 4: Build a unified culture anchored in the pursuit of organizational excellence.

EXECUTIVE SUMMARY:

ClimatePlans.org is a statewide climate data and planning resource developed by UC Berkeley's CoolClimate Network that provides standardized greenhouse gas (GHG) inventories and community indicators for California cities and counties. The platform allows users to examine jurisdiction-level emissions by sector, review historical trends, compare communities statewide, and access information supporting Climate Action Plans, CEQA analysis, emissions reporting, policy evaluation, and implementation tracking. Dr. Christopher M. Jones, Director of the CoolClimate Network and a lecturer at the UC Berkeley Haas School of Business, will provide an overview of the resource and its applications for local climate planning.

BACKGROUND:

ClimatePlans.org is a statewide climate data and planning resource developed by UC Berkeley's CoolClimate Network that provides standardized greenhouse gas (GHG) emissions information for California cities and counties. The platform includes sector-based GHG inventories for 459 cities and 58 counties, as well as more than 100 indicators describing community and climate-related conditions. Users can select an individual jurisdiction to view its GHG emissions, examine emissions by sector, review historical estimates dating back to 2005, and compare conditions and emissions with other jurisdictions across the state. Because the inventories use a standardized statewide methodology, the data can provide a common point of reference for local governments conducting Climate Action Planning, CEQA analysis, emissions reporting, benchmarking, and grant-related work.

In addition to GHG inventories, ClimatePlans.org has information and tools related to community indicators, equity, policy evaluation, climate planning, funding opportunities, and implementation

tracking. The resource is intended to support the various stages of local climate planning, from understanding existing emissions and community conditions to evaluating potential strategies and monitoring implementation over time. Some information, including community-level data, indicators, GHG inventories, and comparison tools, is publicly available, while additional reporting, analysis, and planning functions are available to participating jurisdictions. Taken together, the platform provides local governments, planners, researchers, and community stakeholders with a centralized source of comparable jurisdiction-level climate and emissions information across California.

Dr. Christopher M. Jones will provide an overview of the tool. He is the Director of the CoolClimate Network, a university-government-industry partnership at the University of California, Berkeley. He also serves as faculty lecturer in the Haas School of Business, and Program Chair (12th year) of the Behavior, Energy and Climate Change Conference. Dr. Jones is a leading expert in carbon footprint analysis, the design of behavior-based programs, and regional climate policy. Versions of CoolClimate software have been adopted by governments, businesses and non-governmental organizations throughout the United States and internationally.

FISCAL IMPACT:

None



AGENDA ITEM 6

REPORT

Southern California Association of Governments
October 1, 2026

To: EEC - Energy and Environment Committee
From: Ryan Wolfe, Department Manager (S and R)
213-630-1527, wolfe@scag.ca.gov
Subject: CalHeatScore Overview

EXECUTIVE DIRECTOR'S
APPROVAL

Kome Ajise

RECOMMENDED ACTION:

Information Only - No Action Required

STRATEGIC PRIORITIES:

This item supports the following Strategic Priority 1: Establish and implement a regional vision for a sustainable future. 3: Spur innovation and action through leadership in research, analysis and information sharing.

EXECUTIVE SUMMARY:

Extreme heat is one of California's major climate-related public health threats, contributing to illness, hospitalizations, and fatalities, particularly among vulnerable populations. The California Office of Environmental Health Hazard Assessment (OEHHA) developed the California Communities Extreme Heat Scoring System, known as CalHeatScore, to help agencies, residents, healthcare providers, and community organizations better understand and prepare for heat-related risks. The tool translates weather forecasts and historical health outcome data into easy-to-understand heat-health risk scores for individual ZIP codes across California. CalHeatScore provides daily forecasts, identifies heat risk levels ranging from low to severe, and connects users with locally relevant information and resources to support preparedness and response efforts.

BACKGROUND:

CalHeatScore is a statewide public health forecasting tool that evaluates the health impacts of extreme heat at the ZIP code level. Unlike traditional weather forecasts that communicate temperature alone, CalHeatScore incorporates local climate conditions and historical health response data to estimate how heat may affect residents in specific communities. Because similar temperatures can produce different health impacts in different regions, the tool is designed to reflect California's diverse climates and varying levels of community vulnerability. Heat risk is communicated through a scale ranging from 0 (Low) to 4 (Severe).

The tool was developed pursuant to Assembly Bill 2238 and is maintained by OEHHA in collaboration with numerous state, academic, and local partners. Its methodology combines weather forecasts

with historical emergency department visit data and related public health information to identify thresholds at which heat begins to produce measurable adverse health outcomes.

CalHeatScore is intended to support a broad range of users. For residents, it provides advance notice of potentially dangerous heat conditions and actionable guidance to reduce exposure. For local governments, emergency management agencies, healthcare providers, and community-based organizations, the tool can inform near-term heat response and a variety of extreme heat planning efforts such as climate adaptation plans and extreme heat action plans.

The presentation will provide an overview of CalHeatScore's development, methodology, and functionality; discuss how the tool can support local and regional climate adaptation efforts; and explore opportunities for agencies and stakeholders to incorporate heat-health information into planning, emergency preparedness, and community resilience initiatives.

Presenter Bio

Walker Wieland is with the Office of Environmental Health Hazard Assessment (OEHHA), where he leads the development and implementation of California's CalHeatScore program. He oversees OEHHA's Extreme Heat Ranking System Development Section and works with state and local partners to advance tools and strategies that help communities understand and prepare for extreme heat risks.

FISCAL IMPACT:

None