



# South Coast Air Quality Management District

South Coast  
AQMD

21865 Copley Drive, Diamond Bar, CA 91765-4178  
(909) 396-2000 • www.aqmd.gov

## YOUNG LEADERS ADVISORY COUNCIL October 21, 2020 ♦ 12:30 p.m.

### Advisory Council Members

Derrick Alatorre, Chair

James Albert

Roxana Barrera

Monica Cantoran

José Trinidad Castañeda III

Jin Chen

Isis Frausto-Vicencio

Ana Gonzalez

Larysha Green

Yannick Matia

Gerald Mendoza

Cassie Nguyen

Nithya Palani

Maya Prasad

Michael Rodriguez

Paije Rush

Alexandra Rae Santora

Lizbeth Sierra

Priya Vedula

Janielle Vidal

Mikayla Winfery

### ♦ PLEASE NOTE THE LOCATION CHANGE ♦

**Pursuant to Governor Newsom's Executive Order N-29-20, (March 18, 2020), previously noticed locations are no longer available. South Coast AQMD's Young Leaders Advisory Council meeting will only be conducted via video conferencing and by telephone on Wednesday, October 21, 2020, 12:30 p.m. Please follow the instructions below to join the meeting remotely.**

### TELECONFERENCE LOCATION

Per Governor Newsom's Executive Order N-25-20, (March 12, 2020), teleconference locations do not need to be disclosed nor open to the public.

### **INSTRUCTIONS FOR ELECTRONIC PARTICIPATION**

**Join Zoom Meeting – from PC or Laptop**

<https://scaqmd.zoom.us/j/95310186226>

**Webinar ID: 953 1018 6226**

**Teleconference Dial In**

+1 669 900 6833

**Audience will be allowed to participate during public comment periods.**

**Computer controls for participants:**

The following commands can be used on your computer's Zoom application during the meeting:

- ◆ Toggle mute/unmute by selecting **Mute** on the bottom-left
- ◆ Select **Participants** followed by **Raise Hand** on the right-hand side to raise hand

**Phone controls for participants:**

The following commands can be used on your phone's dial pad while in Zoom meeting:

- ◆ \*6 – Toggle mute/unmute
- ◆ \*9 – Raise hand

**PUBLIC COMMENT WILL STILL BE TAKEN**

**AGENDA**

*Members of the public may address this body concerning any agenda item before or during consideration of that item (Gov't. Code Section 54954.3(a)). If you wish to speak, raise your hand on Zoom or press Star 9 if participating by telephone. All agendas for regular meetings are posted at South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, at least 72 hours in advance of the regular meeting. Speakers may be limited to three (3) minutes each.*

**CALL TO ORDER**

Call to Order/Opening Remarks  
*(No Motion Required)*

Derrick Alatorre  
Deputy Executive Officer/  
Public Advisor  
Legislative, Public Affairs & Media

**ACTION ITEMS (Item 1)**

1. Approval of July 22, 2020 Meeting Minutes  
*(Motion Required)*  
*[Attachment 1]*

Derrick Alatorre

**DISCUSSION ITEMS (Items 2 through 4)**

2. Indirect Source Rule Update  
*(No Motion Required)*  
*Staff will give a presentation on the latest updates regarding Facility Based Mobile Source Measures.*  
*[Attachment 2]*

Victor Juan  
Program Supervisor,  
Mobile Sources/ISR  
Planning, Rule Development  
& Area Sources

3. Brown Act Presentation  
*(No Motion Required)*  
*Staff will provide a presentation on the Brown Act and the South Coast AQMD Administrative Code.*  
*[Attachment 3]*

Stacey Pruitt  
Senior Deputy District Counsel  
Legal

4. Member Updates  
*(No Motion Required)*

All

### **OTHER MATTERS**

5. Other Business  
*Any member of this body, or its staff, on his or her own initiative or in response to questions posed by the public, may ask a question for clarification, may make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter, or may take action to direct staff to place a matter of business on a future agenda. (Govt. Code Section 54954.2)*

### 6. Public Comment Period

At the end of the regular meeting agenda, an opportunity is provided for the public to speak on any subject within the Young Leader Advisory Council's authority that is not on the agenda. Speakers may be limited to three (3) minutes each.

**Next Meeting Date** – Wednesday, January 20, 2021 at 12:30 p.m.

### **ADJOURNMENT**

#### **Document Availability**

*All documents (i) constituting non-exempt public records, (ii) relating to an item on an agenda for a regular meeting, and (iii) having been distributed to at least a majority of the Council after the agenda is posted, are available prior to the meeting for public review at the South Coast Air Quality Management District, Public Information Center, 21865 Copley Drive, Diamond Bar, CA 91765.*

#### **Americans with Disabilities Act**

*The agenda and documents in the agenda packet will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Gov't Code Section 54954.2(a)). Disability-related accommodations will also be made available to allow participation in the Young Leaders Advisory Council meeting. Any accommodations must be requested as soon as practicable. Requests will be accommodated to the extent feasible. Please contact Bradley Whitaker at (909) 396-3128 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to [bwhitaker@aqmd.gov](mailto:bwhitaker@aqmd.gov).*



# South Coast Air Quality Management District



21865 Copley Drive, Diamond Bar, CA 91765-4178  
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## YOUNG LEADERS ADVISORY COUNCIL WEDNESDAY, JULY 22, 2020 MEETING MINUTES

### **Members Present:**

James Albert  
Roxana Barrera  
Monica Cantoran  
Jin Chen  
Isis Frausto-Vicencio  
Ana Gonzalez  
Larysha Green  
Yannick Matia  
Cassie Nguyen  
Nithya Palani  
Maya Prasad  
Michael Rodriguez  
Alexandra Rae Santora  
Lizbeth Sierra  
José Trinidad Castañeda III  
Priya Vedula  
Janielle Vidal  
Mikayla Winfery

### **Members Absent:**

Gerald Mendoza  
Paije Rush

### **South Coast AQMD Staff:**

Fabian R. Wesson, Chair, Assistant Deputy Executive Officer/Legislative, Public Affairs & Media  
Teresa Barrera, Senior Deputy District Counsel, Legal  
Daniel Garcia, Planning & Rules Manager/Planning, Rules & Development  
Diana Thai, Program Supervisor/Planning, Rules & Development  
Bradley Whitaker, Senior Public Information Specialist/Legislative, Public Affairs & Media  
Robert Dalbeck, Assistant AQ Specialist/Planning, Rules & Development  
Brandee Keith, Secretary/Legislative, Public Affairs & Media

### **Agenda Item #1: Call to Order/Opening Remarks**

Ms. Fabian Wesson called the meeting to order at 12:32 p.m.

### **Agenda Item #2: Approval of January 22, 2020 Meeting Minutes**

Cassie Nguyen moved to approve the April 22<sup>nd</sup> minutes. Mikayla Winfery seconded the motion. Minutes were approved.

### **Agenda Item #3: AB 617 Program Update**

Mr. Robert Dalbeck updated the committee on the status of AB 617 efforts.

Ms. Cassie Nguyen asked if AB 617 efforts aimed at school facilities would still be prioritized or if efforts would be redirected in light of quarantines and shutdowns. Mr. Dalbeck stated efforts aimed at schools had already begun and deferred to Mr. Dan Garcia regarding any information on timeline changes. Mr. Garcia stated installation of filters in schools had not been delayed and was continuing as planned.

Ms. Priya Vedula asked what the goals are regarding warehouses. Mr. Dalbeck stated goals could range and vary, including measures like implementing indirect source rules or regulating onsite emissions or upgrading equipment. Ms. Vedula asked whether the corporations connected to the warehouses in question were receptive to efforts or showing contention. Mr. Dan Garcia commented there were always points of contention with regulatory measures, but South Coast AQMD and other parties are committed to negotiating solutions to those points of contention.

Ms. Rae Santora asked whether vulnerable communities were inadvertently being overlooked based on selection criteria such as previous involvement in environmental justice activities and requiring self-nomination. Mr. Garcia stated priority is given to scientific factors such as cancer risk or proximity to major sources. He stated that South Coast AQMD's departments were strongly involved in outreach efforts to vulnerable communities.

### **Agenda Item #4: Listening Session**

Members of the committee were invited to speak on community issues of racial inequality, environmental justice, health care, police brutality, political inaction and current issues of civil unrest.

Council members requested a presentation on Brown Act requirements and a review of Robert's Rules of Order.

**ACTION ITEM:** Staff to provide a summary explanation of the Brown Act and Robert's Rules of Order.

*A presentation on the Brown Act and South Coast AQMD's Administrative Code was scheduled for the October 21, 2020 YLAC meeting.*

Council members requested a future review of committee charter and goals.

**ACTION ITEM:** Staff to schedule a review of committee charter and goals.

*A review of YLAC's charter and goals to be scheduled for a later date.*

**Agenda Item #5: Member Updates**

None

**Agenda Item #6: Other Business**

None

**Agenda Item #7: Public Comment Period**

Mr. Moses Huerta requested an updated list of AB 617 communities, as well as whether there would be a delay in implementation due to budget impacts of COVID-19 shutdowns. Ms. Wesson agreed to address his questions via email.

Mr. Michael Rodriguez suggested the creation of an action items list to share outreach and EJ resources. Ms. Fabian Wesson shared that a similar resource guide was being compiled to improve the public service capabilities of local agencies.

**Agenda Item #8: Next Meeting Date**

The next regular YLAC meeting is scheduled for Wednesday, October 21, 2020, at 12:30 p.m.

**Adjournment**

Ms. Fabian Wesson adjourned the meeting at 2:47 p.m.

# Update on Facility Based Mobile Source Measures



YOUNG LEADERS ADVISORY COUNCIL  
October 21, 2020

1

## Why is there a need for FBMSM?

### Regional

NOx Reductions Needed to Meet Federal Air Quality Standards

**45-55%**



### Local

Proximity Matters



2

# Overlapping Mobile Source Authority



## International

- Sets emissions standards for new engines and fuels
- Aircraft, ships



## Federal (EPA)

- Sets emissions standards for new engines and fuels
- Motor vehicles, off-road equipment, locomotives, ships, aircraft



## State (CARB)

- Sets emissions standards for new engines and fuels
- Requires waiver from EPA
- Construction and farm equipment <175HP and locomotives pre-empted
- Sets in-use performance standards



## Local (SCAQMD)

- Limited authority for fleets serving governments
- Indirect Source authority

3

# FBMSM UPDATE



## Commercial Airport

- Airports MOUs were adopted in 12/2019
- Includes LAX, John Wayne, Burbank, Ontario, Long Beach

## New or Redevelopment Projects

- Focus on reducing emissions from off-road construction equipment
- Potential new CEQA Air Quality Mitigation Fund

## Commercial Marine Ports

- MOU in development
  - Ports' delay in implementing CAAP Clean Truck Program
- PRIMER initiative to incentivize cleaner international shipping

4

4

## Key CARB Actions in 2020 to reduce NOx

- ◆ Advanced Clean Trucks
  - ◆ ZE mandate on vehicle manufacturers for truck sales, phase-in starts in 2024
  - ◆ NOx reductions: 2023→ 0 tpd, 2031→ ~2.4 tpd
  - ◆ Advanced Clean Fleets rulemaking initiated
- ◆ Low NOx Omnibus
  - ◆ Lower emission standard for all engines starting in 2024, and tightening in 2027
  - ◆ Updated certification and warranty requirements
  - ◆ NOx reductions: 2023→ 0 tpd, 2031→ ~7 tpd
- ◆ At-Berth
  - ◆ Expands the requirements for vessels to reduce their at-berth emissions
  - ◆ NOx reductions: 2023→ ~1.1 tpd, 2031→ ~3.6 tpd

➤ 2016 AQMP total NOx reductions needed beyond existing requirements:  
 ➤ 2023→ 135 tpd  
 ➤ 2031→ 142 tpd

5

5

## Additional Notable State Activities in 2020

- ◆ Governor's executive order (N-79-20) set new goals\*
  - ◆ 100% ZE on-road sales by 2035
  - ◆ 100% HD on-road fleet by 2045 (drayage 100% ZE by 2035)
  - ◆ 100% ZE off-road fleet by 2035
- ◆ Public Utilities Commission
  - ◆ Transportation Electrification Framework development
  - ◆ 'Rule 18' revision\*\* (makes it easier for 3<sup>rd</sup> parties to resell electricity for MD-HD and off-road vehicles)
- ◆ Energy Commission
  - ◆ AB 2127 Vehicle Charging Infrastructure draft analysis\*\*\*
    - ◆ ~40,000 Class 3-8 trucks in 2030 requires ~24,000 50kW chargers and ~3,300 350 kW chargers

\* <https://www.gov.ca.gov/wp-content/uploads/2020/09/9.23.20-EO-N-79-20-text.pdf>

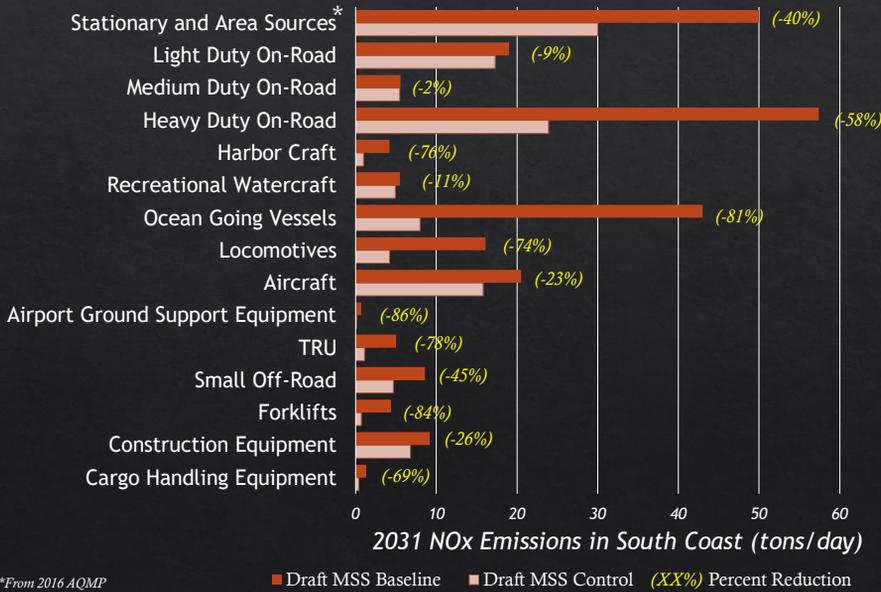
\*\* <https://docs.cpuc.ca.gov/SearchRes.aspx?docformat=ALL&docid=347622058>

\*\*\* <https://efiling.energy.ca.gov/getdocument.aspx?tn=234209>

6

6

## CARB Draft Mobile Source Strategy (Oct. 2020)

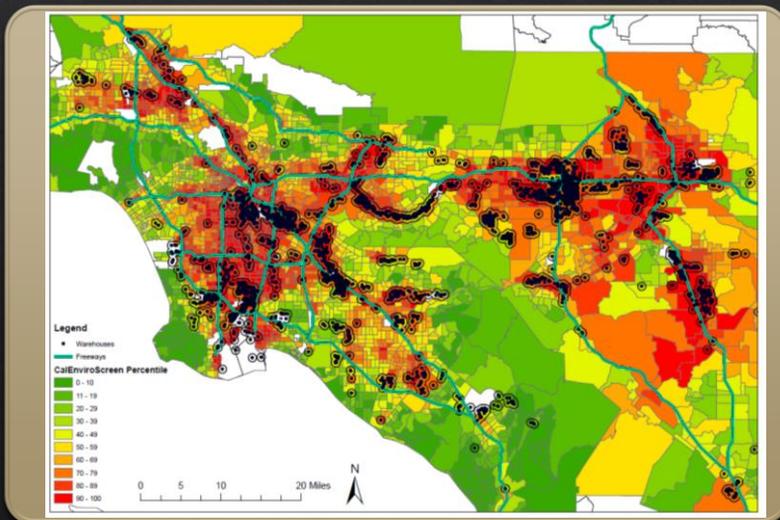


### Key Takeaways

- Ozone standards
- Scenario does not address meeting 2023 standard
- Staff still evaluating whether scenario presented will meet 2031 standard
- Some categories are more difficult to achieve projected reductions
- Other categories with opportunities for reductions will need to make up shortfall
- ISR is one potential opportunity

7

## Environmental Burden on Communities near Warehouses



### CalEnviroScreen Percentile

(population-weighted average)

South Coast AQMD

61<sup>st</sup>

Communities <0.5 mi. of a warehouse

80<sup>th</sup>

8

# Warehouse ISR - Warehouse Actions and Investments to Reduce Emissions (WAIRE) Program

- ◆ Rule concept: Menu-based point system (similar to LEED)
- ◆ Release of the WAIRE Menu Draft Technical Report
- ◆ Release of 2<sup>nd</sup> Draft Rule
- ◆ WAIRE Program Update
  - ◆ Updated WAIRE Menu
  - ◆ Added Class 2B-3 Trucks
  - ◆ Custom WAIRE Plan Option
  - ◆ Ability to earn WAIRE Points before first compliance year
  - ◆ Reduced requirements for multi-tenant warehouse operator leasing <50,000 sq ft



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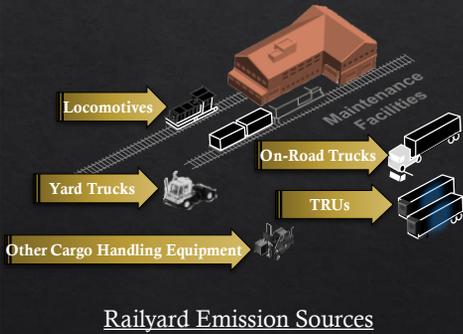
## Overview of Proposed Warehouse ISR Requirements



10

10

# South Coast AQMD Railyard ISR Concepts



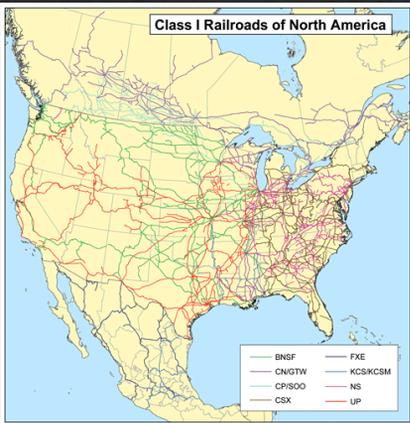
*ISR to Reduce Exposures from Locomotive Maintenance Emissions*

*ISR to Require Engineering Plans for Zero Emissions Operations*

*New Incentive Program Focused on Cleanest Locomotive Use*

*Evaluate New Monitoring Approaches for In-Use Locomotives*

# CARB Locomotive Concepts



**Establish a Locomotive Emissions Reduction Spending Account**

**In-Use Locomotive Useful Life Limit**

**Adopt U.S. EPA 30 Minute Idling Limit**

## Next Steps & Contacts

- ◆ Warehouse ISR brought to Board for consideration Q1 2021
  - ◆ Railyard ISR Q2 2021
- ◆ Public process includes opportunities for comment/feedback
  - ◆ CEQA, draft rule materials, working groups, etc.
- ◆ More information available at: [www.aqmd.gov/fbmsm](http://www.aqmd.gov/fbmsm)
  - ◆ Sign up for email updates here: [www.aqmd.gov/sign-up](http://www.aqmd.gov/sign-up)
- ◆ Contacts:
  - Victor Juan, Program Supervisor ([vjuan@aqmd.gov](mailto:vjuan@aqmd.gov))
  - Ian MacMillan, Manager ([imacmillan@aqmd.gov](mailto:imacmillan@aqmd.gov))

13

13

## BACKUP SLIDES

14

14

# Updated Draft WAIRE Menu

Action/Investment	Action/Investment Details	Reporting Metric	Annualized Metric	WAIRE Points per Annualized Metric	Discounted WAIRE Points Subparagraph (d)(6)(A)
Acquire ZE/NZE Trucks in Warehouse Operator Fleet	ZE Class 8	Number of trucks	One truck acquired	126	126
	ZE Class 4-7			68	68
	ZE Class 2b-3			14	14
	NZE Class 8			55	55
	NZE Class 4-7			26	26
ZE/NZE Truck Visits	ZE Class 8	Number of visits	365 truck visits	51	33
	ZE Class 4-7			12	9
	ZE Class 2b-3			9	6
	NZE Class 8			42	24
	NZE Class 4-7			12	9
Acquire ZE Yard Truck		Number of yard trucks	One yard truck acquired	177	177
Use ZE Yard Truck		Hours of use	1,000 hours	291	51
Install Onsite ZE Charging or Fueling Infrastructure	Level 5 EVSE Purchase	Number of EVSE purchased	One EVSE purchased	118	118
	Level 4 EVSE Purchase			51	51
	Level 3 EVSE Purchase			26	26
	Level 2 EVSE Purchase			5	5
	TRU Plug EVSE Purchase			3	3
	Begin construction on Level 3, 4, or 5 charger project	First day of construction	One construction project	9	9
	Begin construction on Level 2 charger project			9	9
	Begin construction on TRU Plug project			5	5
	Finalize Level 3, 4, or 5 charger project	The latter of final permit sign off or charger energization	One construction project	59	59
	Finalize Level 2 charger project			9	9
Finalize TRU Plug project	7			7	
Hydrogen (H <sub>2</sub> ) Station	Daily capacity of station in kilograms (kg)	One 700 kg/day station construction project	1,680	1,680	
Use Onsite ZE Charging or Fueling Infrastructure	Vehicle Charging	Kilowatt-hours (kWh) of dispensed electricity		165,000 kWh	42
	TRU Charging			10,658 kWh	3
	H <sub>2</sub> Station Usage			6,152 kg	43
Install Onsite Solar Panels	Rooftop	Size of system in kW	100 kW system	23	23
	Carport			27	27
Use Onsite Solar Panels		Energy production in kWh	165,000 kWh	2	2
Install High-Efficiency Filters or Filter Systems in Residences, Schools, Daycares, Hospitals, or Community Centers	Install Stand-Alone System	Number of systems installed	25 systems	55	55
	Install Filters	Number of filters installed	200 filters	51	51

## SUMMARY OF THE BROWN ACT

California Government Code 54950 et seq.

The express purpose of the Ralph M. Brown Act (Brown Act) is to assure that local government agencies and legislative bodies conduct meetings concerning public business openly and publicly, except when the Brown Act authorizes otherwise. Please note, this is a summary of the Brown Act rather than a detailed overview of its requirements.

### I. APPLICATION

The Brown Act applies to all legislative bodies. "Legislative bodies" means:

The "Governing body" of a local agency, or any other local body created by state or federal statute. (§545951-2).

"Governing body" includes, but is not limited to:

- Counties, cities, schools, public districts, political subdivisions, and municipal corporations

The following are **NOT** legislative bodies:

- Advisory committees comprised of less than a quorum;
- Groups advising to a single decision-maker or appointed by staff.

### II. ACCESS

All persons shall be permitted to attend any meeting of the legislative body of a local agency except as otherwise provided.

### III. MEETINGS

A meeting is any congregation of a majority of the legislative body that meets at the same time and place to hear, discuss or deliberate upon any item within the body's subject matter jurisdiction.

- A "meeting" includes any use of direct communication, intermediaries, or technological devices such as email and teleconferencing.
- Meetings must be noticed and open to the public.
- Majority must *never* discuss topics within their subject matter jurisdiction outside of a meeting.
- No "serial meetings" - Series of communications outside of a meeting that discuss jurisdictional subject matter *directly or by intermediaries* that makes its way to a majority of a legislative body (includes social media and on a seriatim basis).
- Public must be included at informal gatherings/social events if a majority of governing body is present and agency business is discussed.
- Meeting location must be held within jurisdiction, free, and disability friendly
  - If no overflow capacity to accommodate, the meeting must adjourn

Types of meetings:

- *Regular Meeting* - occurs at the dates, times, and location set by resolution, ordinance, or other formal action by the legislative body and are subject to 72-hour posting requirements.
- *Special Meeting* - called by the presiding officer or majority of the legislative body to discuss only discrete items on the agenda under the Brown Act's notice requirements for special meetings and are subject to 24-hour posting requirements.
- *Emergency Meeting* - a limited class of meetings held when prompt action is needed due to actual or threatened disruption of public facilities and are held on little notice.
- *Adjourned Meeting* - regular or special meetings that have been adjourned or re-adjourned to a time and place specified in the order of adjournment, with no agenda required for regular meetings adjourned for less than five calendar days as long as no additional business is transacted.

### IV. AGENDAS

Agendas must contain a brief general description of each item of business to be transacted or discussed at the meeting and must be posted in a location at the agency offices that is freely accessible to the public, **and** also on the agency's website.

(Agendas cont'd)

**Action:**

A legislative body may not take action on an item not appearing on the agenda, except

- To respond questions posed by the public
- To ask questions of staff or the public for clarification;
- To ask staff to report back on an item not appearing on the agenda at a subsequent meeting;
- To make a brief announcement.

**Public Comment:**

Each regular meeting agenda must provide an opportunity for public comment on any agenda item and on any item of interest to the public within the subject matter jurisdiction of the legislative body. For special meetings, the agenda must provide an opportunity for members of the public to directly address the legislative body concerning any item on the agenda; comments on items not on the agenda need not be allowed.

**Inspection:**

Writings distributed to all or to a majority of the legislative body by any person for consideration at a public meeting are public records. Documents distributed to all or a majority of the legislative body less than 72 hours before a regular meeting must be made publicly available without delay. Writings given to the Board at the meeting by staff must be available at the meeting, and writings distributed at the meeting by others must be available after the meeting. The terms "writing" and "document" include electronic records such as e-mail.

Additionally, every agenda must state the location of an office at the agency where members of the public may inspect these documents.

**V. CLOSED SESSION:**

Closed sessions are meetings conducted in private without the attendance of the public. Generally, to preserve the confidentiality of closed sessions, only essential staff should attend a closed session.

**Primary Types of Closed Sessions:**

- To instruct negotiators on real property transactions.
- To instruct labor negotiators.
- To discuss "pending litigation" with agency attorneys.
- To consider the appointment, employment, evaluation, discipline, or dismissal of a public employee, employee Complaints or Charges.
- Meetings regarding threats to security of public buildings or essential public services

**Announcements from Closed Session**

After each closed session, the legislative body must report in open session certain actions taken in closed session, and the vote of each member, including: Approval of an agreement concluding real estate negotiations; Approval for legal counsel to defend, initiate, or settle litigation; Disposition of claims; Action to appoint, employ, dismiss, release, accept resignation of, or affect the status of any employee; Approval of labor negotiation agreements; and Reporting out may be deferred under certain circumstances.

**Closed Session Confidentiality**

No person may disclose confidential information that has been acquired by being present in an authorized closed session to unauthorized persons, unless the legislative body formally authorizes disclosure of confidential information. "Confidential information" means a communication made in a closed session that is specifically related to the basis for the closed session.

**Penalties and Enforcement**

A member who attends a meeting where action is taken in violation of the Brown Act, and where the member intends to deprive the public of information which the member knows or has reason to know the public is entitled, is *guilty of a misdemeanor*.

**Inquiry:**

Are we a Legislative Body?

Are we a quorum?

Are we meeting?

Is information re: the jurisdiction being discussed?

If yes to all, there is a Brown Act Meeting