

**BOARD OF EDUCATION OF THE CITY OF LOS ANGELES
GOVERNING BOARD OF THE LOS ANGELES UNIFIED SCHOOL DISTRICT**

GREENING SCHOOLS & CLIMATE RESILIENCE COMMITTEE

333 South Beaudry Avenue, Board Room

4:00 p.m., Wednesday, September, 20 2023

Committee Members

Dr. Rocio Rivas, Chairperson

Ms. Jackie Goldberg, Board Member

Board Secretariat Contact

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External Representatives

Aleigh Lewis, Angelenos 4 Green Schools

Alicia Morales Pérez, Los Angeles Alliance for a
New Economy (LAANE)

Bevin Ashenmiller, Occidental College

Claire Latane, Cal Poly Pomona

Hector Huezo, Jobs to Move America (JMA) /

Katie Theel, DSA, Green New Deal for Public Schools

Los Angeles County Electric Truck & Bus Coalition

Lucy Garcia, Climate Reality Project Los Angeles

Mikaela Randolph, Heal the Bay

Nico Gardner Serna, Sunrise Movement LA

Tori Kjer, Los Angeles Neighborhood Land Trust

Method for Accessing the Meeting and Providing Public Comment

There are three ways members of the public may access this Committee Meeting: (1) online ([Granicus stream](#)) or join the [zoom webinar](#), (2) by telephone by calling 1-888-475-4499 (Toll Free) and entering the Meeting ID: **815 1855 9131**, or (3) in person.

The Board of Education encourages public comment on the items on this agenda and all other items related to the District. Any individual wishing to address the Board must register to speak using the Speaker Sign Up website: <https://boardmeeting.lausd.net/speakers>, and indicate whether comments will be provided over the phone or in person. Registration will open 24 hours before the meeting. A maximum of 15 speakers may sign up for general Public Comment. Each speaker will be allowed a single opportunity to provide comments to the Committee.

Speakers who do not register online to provide comments may use the following alternative methods to provide comments to Board Members:

- Email all Board Members at boardmembers@lausd.net;
- Mail comments via US Mail to 333 S. Beaudry Ave., Los Angeles, CA 90017; and
- Leave a voicemail message at (213) 443-4472, or fax (213) 241-8953. Communications received by 5 p.m. the day before the meeting will be distributed to all Board Members.

Speakers registered to provide public comments over the phone need to follow these instructions:

1. Call 1-888-475-4499 (Toll Free) and enter Meeting ID: **815 1855 9131** at the beginning of the meeting.
2. Press #, and then # again when prompted for the Participant ID.
3. Remain on hold until it is your turn to speak.
4. Call in from the same phone number entered on the Speaker Sign Up website. If you call in from a private or blocked phone number, we will be unable to identify you.
5. When you receive the signal that your phone has been removed from hold and/or unmuted, please press *6 (Star 6) to be brought into the meeting.

Please contact the Board Secretariat at 213-241-7002 if you have any questions.

The Office of the Inspector General would like to remind you that they investigate the misuse of LAUSD funds and resources as well as retaliation for reporting any misconduct. Anyone can make a report via the OIG hotline on their website (<https://www.lausd.org/oig>), by telephone at 213-241-7778, or by emailing inspector.general@lausd.net. Reports are confidential and you can remain anonymous if you wish.

AGENDA

- I. **Welcome and Opening Remarks**Dr. Rocio Rivas
Chairperson

- II. **Presentation**
 1. Labor Standards in Electrification Manufacturing and Infrastructure Hector Huezo
Electric School Bus Coalition

 2. Transportation Services Division Electrification Plan..... Daniel Kang
Director, Transportation Services Division

- III. **Committee Discussion**
- IV. **Public Comment**
- V. **Closing Remarks**
- VI. **Adjournment**

Requests for disability related modifications or accommodations shall be made 24 hours prior to the meeting to the Board Secretariat by calling (213) 241-7002.

Materials related to an item on this agenda distributed to the Board of Education are available for public inspection at the Security Desk on the first floor of the Administrative Headquarters, and at:
<https://www.lausd.org/site/Default.aspx?PageID=18628&DomainID=1057#calendar73805/20230920/event/69470>

TAB 1

Labor Standards in
Electrification
Manufacturing and
Infrastructure



U.S. Employment Plan

Pathway to Good Jobs through Electrification



**JOBS TO
MOVE AMERICA**

PUBLIC GOODS FOR THE MOST PUBLIC GOOD

Who or What Makes a Job “Good”



**JOBS TO
MOVE AMERICA**

PUBLIC GOODS FOR THE MOST PUBLIC GOOD

Procurement is Powerful, albeit nerdy

By rethinking the status quo on public purchasing

we can **level the playing field for companies** that are committed to creating good jobs and partnering with workers and communities

and **undue the harms of historic disinvestment, offshoring and other policies** that have contributed to wage stagnation, job insecurity, poverty and poor quality of life for marginalized groups

like Black, Indigenous, Immigrant and other Persons of Color (global majority)

The Hallmarks of Status Quo Procurement

- | | |
|----------------------------------|-------------------------------|
| 1. Notice for upcoming purchase | rules set by industry |
| 2. Cost based competition | race to the bottom |
| 3. Bids are evaluated | job, pay or training excluded |
| 4. Contract award recommendation | rubber stamp |
| 5. Compliance | informal, loose, toothless |

U.S. Employment Plan

1. Creates an incentive for good jobs

Job and wage commitments are prioritized for every applicant

2. Best value for the public

Number, type & location of jobs; pay + benefits; plans to partner with community, labor or workforce orgs.; plans to recruit and train underrepresented workers

3. Scored for multiple factors

*past performance, finances, technical specs, **job quality, pay and training***

4. Accountability

Regular reporting that's accessible to the public

5. Enforcement

Commitments are in contract terms with penalties for non-compliance

Evaluation Example

LA Metro Board Report 7/27/2017

| | Firm | Average Score* | Factor Weight | Weighted Average Score | Rank |
|----|---------------------------------|----------------|---------------|------------------------|----------|
| 1 | | | | | |
| 2 | Firm 1 . BYD | | | | |
| 3 | Technical Compliance | 68.45 | 400 | 273.81 | |
| 4 | Price | 100.00 | 300 | 300.00 | |
| 5 | Project Management | 61.69 | 100 | 61.69 | |
| 6 | Experience and Past Performance | 50.88 | 100 | 50.88 | |
| 7 | Life Cycle Costs | 95.62 | 100 | 95.62 | |
| 8 | Local Employment Plan | 100.00 | 50 | 50.00 | |
| 9 | Total | | 1050 | 832.00 | 1 |
| 10 | Firm 2 . NFA | | | | |
| 11 | Technical Compliance | 68.33 | 400 | 273.32 | |
| 12 | Price | 83.85 | 300 | 251.55 | |
| 13 | Project Management | 76.75 | 100 | 76.75 | |
| 14 | Experience and Past Performance | 71.81 | 100 | 71.81 | |
| 15 | Life Cycle Costs | 100.00 | 100 | 100.00 | |
| 16 | Local Employment Plan | 0.00 | 50 | 0.00 | |
| 17 | Total | | 1050 | 773.43 | 3 |
| 18 | Firm 3 . Proterra | | | | |
| 19 | Technical Compliance | 84.53 | 400 | 338.12 | |
| 20 | Price | 78.92 | 300 | 236.76 | |
| 21 | Project Management | 76.88 | 100 | 76.88 | |
| 22 | Experience and Past Performance | 70.38 | 100 | 70.38 | |
| 23 | Life Cycle Costs | 87.26 | 100 | 87.26 | |
| 24 | Local Employment Plan | 0.00 | 50 | 0.00 | |
| 25 | | | 1050 | 809.40 | 2 |

Form Example

| U.S. Location (Base Only) | | Job Category | Duration of Employment (in Months) | Start Date | End Date | New Hires (Hours) | Incumbent Workers (Hours) | Total Hires (Hours) | Regular Pay Rate (Hourly) | Fringe Benefits Rate (Hourly) | Total Cost of Labor (Regular) | Overtime (Hours) | Overtime Pay Rate (Hourly) | Total Cost of Overtime Labor | Total Workforce Training Cost (by Job Category) | Value of Project Employment |
|--|----------|---|--|------------|----------|----------------------|---------------------------------|------------------------|---------------------------------|-------------------------------------|----------------------------------|------------------|-------------------------------|---------------------------------|---|--------------------------------|
| State* | ZIP Code | | (I(G-FY365)*12 | | | | | (H+I) | | | | | | (N*O) | | (M+P+Q) |
| | | Project Management / Engineering | | | | | | | | | | | | | | |
| CA | 90008 | Auto CAD engineer 1 | 27 | 1/1/14 | 3/31/16 | 2,400 | 8,000 | 10,400 | \$ 36.06 | \$ 8.00 | \$ 458,224 | 1,000 | \$ 49.00 | \$ 49,000 | \$ 1,000 | \$508,224 |
| CA | 90008 | Supply chain analyst | 24 | 2/15/12 | 2/14/14 | 16,000 | 6,000 | 22,000 | \$ 25.45 | \$ 6.00 | \$ 691,900 | 100 | \$ 38.00 | \$ 3,800 | \$ 800 | \$696,500 |
| | | | - | | | | | - | | | \$ - | | \$ - | \$ - | | \$- |
| | | | - | | | | | - | | | \$ - | | \$ - | \$ - | | \$- |
| | | Manufacturing | | | | | | | | | | | | | | |
| CA | 90026 | Sub-assemblies fabrication | 26 | 2/1/13 | 4/1/15 | 20,000 | 85,000 | 105,000 | \$ 20.00 | \$ 7.00 | \$ 2,835,000 | 10,000 | \$ 30.00 | \$ 300,000 | \$ 10,000 | \$3,145,000 |
| CA | 90026 | Carshell assembly fabrication | 26 | 2/1/13 | 4/1/15 | 20,000 | 60,000 | 80,000 | \$ 25.00 | \$ 9.00 | \$ 2,720,000 | 5,000 | \$ 37.50 | \$ 187,500 | \$ 9,000 | \$2,916,500 |
| | 90026 | Paint preparation & painting | 20 | 8/1/13 | 4/1/15 | 15,000 | 50,000 | 65,000 | \$ 20.00 | \$ 7.00 | \$ 1,755,000 | 7,000 | \$ 30.00 | \$ 210,000 | \$ 4,000 | \$1,969,000 |
| | | | - | | | | | - | | | \$ - | | \$ - | \$ - | | \$- |
| | | Assembly | | | | | | | | | | | | | | |
| CA | 90026 | Installation of interior panels | 18 | 10/1/13 | 4/1/15 | 10,000 | 10,000 | 20,000 | \$ 25.00 | \$ 5.00 | \$ 600,000 | 50 | \$ 37.50 | \$ 1,875 | \$ 3,000 | \$604,875 |
| CA | 90026 | Installation of flooring | 20 | 8/1/13 | 4/1/15 | 5,000 | 5,500 | 10,500 | \$ 25.00 | \$ 6.00 | \$ 325,500 | 25 | \$ 37.50 | \$ 938 | \$ 3,000 | \$329,438 |
| | | | - | | | | | - | | | \$ - | | \$ - | \$ - | | \$- |
| | | | - | | | | | - | | | \$ - | | \$ - | \$ - | | \$- |
| | | Quality | | | | | | | | | | | | | | |
| | | | - | | | | | - | | | \$ - | | \$ - | \$ - | | \$- |
| | | | - | | | | | - | | | \$ - | | \$ - | \$ - | | \$- |
| | | | - | | | | | - | | | \$ - | | \$ - | \$ - | | \$- |
| | | Testing | | | | | | | | | | | | | | |
| | | | - | | | | | - | | | \$ - | | \$ - | \$ - | | \$- |
| | | | - | | | | | - | | | \$ - | | \$ - | \$ - | | \$- |
| | | | - | | | | | - | | | \$ - | | \$ - | \$ - | | \$- |
| | | Warranty & Support | | | | | | | | | | | | | | |
| | | | - | | | | | - | | | \$ - | | \$ - | \$ - | | \$- |
| | | | - | | | | | - | | | \$ - | | \$ - | \$ - | | \$- |
| | | Other | | | | | | | | | | | | | | |
| | | | - | | | | | - | | | \$ - | | \$ - | \$ - | | \$- |
| | | | - | | | | | - | | | \$ - | | \$ - | \$ - | | \$- |
| Subtotals for Base Only - Prime Contractor / Carbuilder | | | | | | | | | | | | | | | | |
| | | Project Management / Engineering | 25 | | | 18,400 | 14,000 | 32,400 | \$ 28.86 | \$ 6.64 | \$ 1,150,124 | 1,100 | \$ 48.00 | \$ 52,800 | 1,800 | \$ 1,204,724 |
| | | Manufacturing | 24 | | | 55,000 | 195,000 | 250,000 | \$ 21.60 | \$ 7.64 | \$ 7,310,000 | 22,000 | \$ 31.70 | \$ 697,500 | 23,000 | \$ 8,030,500 |
| | | Assembly | 19 | | | 15,000 | 15,500 | 30,500 | \$ 25.00 | \$ 5.34 | \$ 925,500 | 75 | \$ 37.50 | \$ 2,813 | 6,000 | \$ 934,313 |
| | | Quality | - | | | - | - | - | - | - | \$ - | - | \$ - | \$ - | - | \$ - |
| | | Testing | - | | | - | - | - | - | - | \$ - | - | \$ - | \$ - | - | \$ - |
| | | Warranty & Support | - | | | - | - | - | - | - | \$ - | - | \$ - | \$ - | - | \$ - |
| | | Other | - | | | - | - | - | - | - | \$ - | - | \$ - | \$ - | - | \$ - |
| | | Total/Avg | 24 | | | 88,400 | 224,500 | 312,900 | \$ 22.68 | \$ 7.31 | \$ 9,385,624 | 23,175 | \$ 32.50 | \$ 753,113 | 30,800 | \$ 10,169,537 |

USEP usage

- Los Angeles Metro
- Chicago Transit Authority
- New York MTA
- Amtrak
- Massachusetts Bay Transit Authority
- California Energy Commission
- San Ysidro School District

Forthcoming

- LAUSD
- CARB

For more information

JobsToMoveAmerica.org: US Employment Plan

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California@JobsToMoveAmerica.org

TAB 2

Transportation Services Division Electrification Plan



Transportation Services Division – Electrification Plan

September 2023

Transportation

Electrification Plan

CONSIDERATIONS

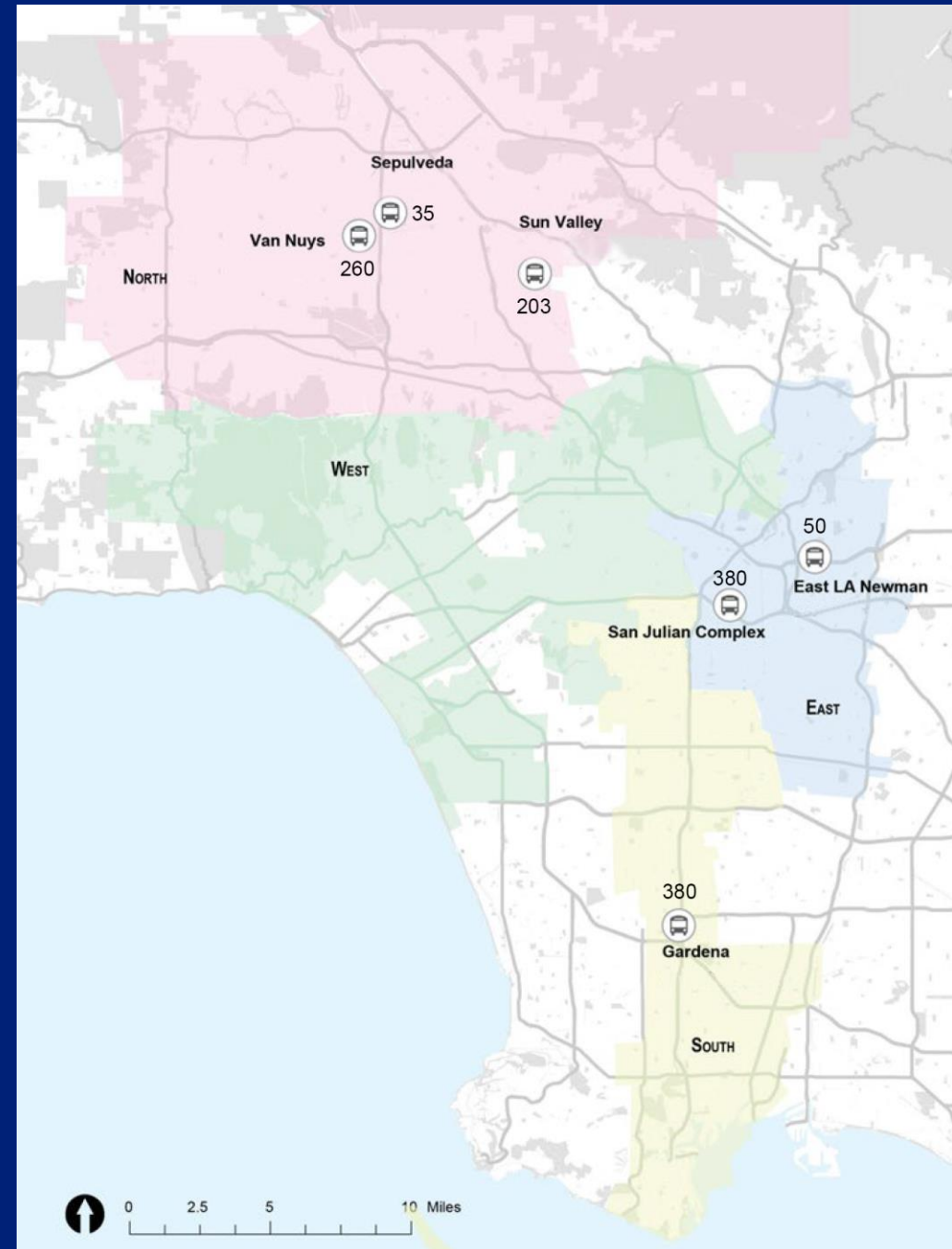
Bus yard lot prioritization based on equity analysis and other factors

Planned Upgrades (near-term)

- Sun Valley Bus Yard – by 2026
- Gardena Bus Yard – by 2027

Upcoming Plans (long-term)

- Newman Center (East LA)
- San Julian Complex
- Sepulveda Bus Yard
- Van Nuys Bus Yard (leased)



Transportation

Electrification Plan

EQUITY ANALYSIS

To address service areas that are disproportionately affected by air pollution

CalEnviroScreen Percentile

- Scores each Census tract for 21 total indicators

Analysis Considerations

- Within one mile of existing bus facilities and school locations
- Considering equity as a factor among other considerations

| BUS FACILITY | LAUSD EQUITY PRIORITY RANKING* | OVERALL CALENVIROSCREEN PERCENTILE | POLLUTION BURDEN PERCENTILE | POPULATION CHARACTERISTICS PERCENTILE | POVERTY PERCENTILE |
|--------------------|--------------------------------|------------------------------------|-----------------------------|---------------------------------------|--------------------|
| Sun Valley | 1 | 83.5 | 83.0 | 95.8 | 80.3 |
| Sepulveda** | 2 | 82.3 | 68.0 | 98.2 | 82.0 |
| Van Nuys | 3 | 78.6 | 92.2 | 98.9 | 65.7 |
| East LA Newman | 4 | 78.2 | 92.9 | 86.2 | 87.7 |
| San Julian Complex | 5 | 74.5 | 98.9 | 61.4 | 82.8 |
| Gardena * | 6 | 65.0 | 94.9 | 72.4 | 55.4 |

* accelerated due to soil stabilization concerns

** delayed to correspond with replacement of Type A buses

Transportation

Electrification Plan

LONG-TERM ACTIONS

All-electric fleet by 2040

Electric School Bus (ESB)

- Purchase all-electric school buses beginning 2022
- Leverage available external resources

EV Supply Equipment (EVSE)

- Mostly Vehicle-to-Grid (V2G) 60kW bidirectional chargers
 - New technology
 - Charge management (“smart charging”)
 - Revenue generating
- Some Level 2 AC chargers for reliability & contingency



Transportation

Electrification Plan

NEAR-TERM ACTIONS

Within the next five years to set the groundwork for long-term transition

ESBs & EVSE

- 400+ electric school buses by 2028
- 300+ EV chargers by 2028
- Funding opportunities (EPA, CARB, CEC, etc.)

Infrastructure

- Planning, design, & construction for Sun Valley and Gardena Bus Yards
- Partnership with LADWP for electrical upgrades
- Leverage available external resources



Transportation

Electrification Plan

TIMELINE

Facility upgrades for a 2040 transition (partial approach)

