



# LODI CITY COUNCIL

Carnegie Forum  
305 West Pine Street, Lodi

## AGENDA – Shirtsleeve Session

Date: April 25, 2023

Time: 7:00 a.m.

For information regarding this Agenda please contact:

**Olivia Nashed**  
City Clerk  
Telephone: (209) 333-6702

### Notice Regarding Public Comments

Public Comment may be submitted in the following ways:

- In-person
- Email – [councilcomments@lodi.gov](mailto:councilcomments@lodi.gov)
  - Received no later than 4:30 p.m. on the business day prior to the meeting.
- Mail – City Clerk’s Office, P.O. Box 3006, Lodi, CA 95241
- Hand delivered to: City Clerk’s Office, 221 W. Pine Street, Lodi, CA 95240
  - Received no later than 4:30 p.m. on the business day prior to the meeting

**Public comment received via email, mail, or hand delivery will be provided to the City Council and included in the official minutes record of the meeting, but will not be read aloud at the meeting.**

#### A. Call to Order / Roll Call

#### B. Topics

B-1 Receive Presentation on Citywide Fleet Electrification Master Plan and Zero Emission Bus (ZEB) Study and Rollout Plan (PW/EU)

#### C. Comments by Public on Non-Agenda Items

THE TIME ALLOWED PER NON-AGENDA ITEM FOR COMMENTS MADE BY THE PUBLIC IS LIMITED TO FIVE MINUTES.

Public comment may only be made on matters within the Lodi City Council's jurisdiction (Government Code Section 54954.3, Lodi City Council Protocol Manual Section 6.3I). The Council cannot take action or deliberate on items that are not on this agenda unless there is an emergency and the need to take action on that emergency arose after this agenda was posted (Government Code Section 54954.2(b)(2)). All other items may only be referred for review to staff or placement on a future Council agenda.

*If you wish to address the Council, please refer to the Notice at the beginning of this agenda. Individuals are limited to one appearance during this section of the Agenda.*

#### D. Adjournment

Pursuant to Section 54954.2(a) of the Government Code of the State of California, this agenda was posted at least 72 hours in advance of the scheduled meeting at a public place freely accessible to the public 24 hours a day.

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Olivia Nashed  
City Clerk

All staff reports or other written documentation relating to each item of business referred to on the agenda are on file in the Office of the City Clerk, located at 221 W. Pine Street, Lodi, and are available for public inspection. Agendas and staff reports are also posted on the City's website at [www.lodi.gov](http://www.lodi.gov). If requested, the agenda shall be made available in appropriate alternative formats to persons with a disability, as required by Section 202 of the Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12132), and the federal rules and regulations adopted in implementation thereof. To make a request for disability-related modification or accommodation contact the City Clerk's Office as soon as possible and at least 72 hours prior to the meeting date. Language interpreter requests must be received at least 72 hours in advance of the meeting to help ensure availability. Contact Olivia Nashed at (209) 333-6702. Solicitudes de interpretación de idiomas deben ser recibidas por lo menos con 72 horas de anticipación a la reunión para ayudar a asegurar la disponibilidad. Llame a Olivia Nashed (209) 333-6702.

Meetings of the Lodi City Council are telecast on SJTV, Channel 26. The City of Lodi provides live and archived webcasts of regular City Council meetings. The webcasts can be found on the City's website at [www.lodi.gov](http://www.lodi.gov) by clicking the meeting webcasts link. Members of the public may view and listen to the open session of this meeting at [www.facebook.com/CityofLodi/](https://www.facebook.com/CityofLodi/).

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## COUNCIL COMMUNICATION

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**AGENDA TITLE:** Receive Presentation on Citywide Fleet Electrification Master Plan and Zero Emission Bus (ZEB) Study & Rollout Plan

**MEETING DATE:** April 25, 2023

**PREPARED BY:** Public Works Director  
Electric Utility Director

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**RECOMMENDED ACTION:** Receive presentation on Citywide Fleet Electrification Master Plan and Zero Emission Bus (ZEB) Study & Rollout Plan.

**BACKGROUND INFORMATION:** The California Air Resources Board (CARB) is drafting an Advanced Clean Fleets (ACF) regulation which is expected to take effect on January 1, 2024.

In July 2022, City Council approved a Professional Services Agreement with ICF Consulting, LLC (ICF) for fleet electrification master planning services; in November 2022, City Council approved a separate Professional Services Agreement with ICF for the completion of a Zero-Emission Bus (ZEB) Study and Rollout Plan.

The purpose of these efforts was to develop a comprehensive system wide assessment of electric vehicle needs for the City and to recommend a strategy for a multi-tiered vehicle purchase and replacement process, inclusive of the facilities and infrastructure required to support those vehicles.

The ACF regulation requires state and local government agencies to convert their fleet vehicles having gross vehicle weight rating of more than 8,500 pounds, to zero emission vehicles. Since emergency use and light duty vehicles are exempt from State requirements to electrify, the City does not anticipate a requirement to convert 100% of its citywide fleet to zero-emission under existing regulations. The Citywide Fleet Electrification Master Plan effort was intended to evaluate vehicle classes for which electric alternatives are available, the cost of said alternatives, upfront and lifecycle costs, as well as operational challenges and safety as it relates to electric alternatives.

The Zero-Emission Bus (ZEB) Study & Rollout Plan fulfills a separate requirement from California Air Resource Board's (CARB) Innovative Clean Transit (ICT) regulation, which requires 100% of new transit bus purchases to be zero-emission by 2029, and 100% of transit bus fleets to be zero-emission by 2040. The study identifies recommended ZEB types (i.e. battery electric vs. hydrogen fuel cell), infrastructure requirements, and a phasing plan for capital improvements and vehicle procurement. The analysis factors in key operational parameters such as transit service requirements including route, range and staffing needs, fleet management including operation logistics and maintenance, and charging or fueling needs. Financial viability and cost-effectiveness with regard to initial purchase prices, lifetime costs, operational costs, and financing strategies are also examined. Several City staff have contributed to ICF's efforts over the past few months based on their area(s) of expertise including Public Works and Electric Utility staff.

ICF has completed a draft Fleet Electrification Master Plan and a draft Zero Emission Bus (ZEB) Study & Rollout Plan, and will provide a presentation to Council to seek any input and/or recommendations in an effort to present to City Council for final approval in May and June 2023.

**FISCAL IMPACT:** Not applicable.

**FUNDING AVAILABLE:** Not applicable.



Charles E. Swimley, Jr.  
Public Works Director



Jeff Berkheimer  
Electric Utility Director

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APPROVED: \_\_\_\_\_  
Stephen Schwabauer, City Manager