

**LODI CITY COUNCIL
SHIRTSLEEVE SESSION
CARNEGIE FORUM, 305 WEST PINE STREET
TUESDAY, APRIL 25, 2023**

A. Call to Order / Roll Call

An Informal Informational Meeting ("Shirtsleeve" Session) of the Lodi City Council was held Tuesday, April 25, 2023, commencing at 7:00 a.m.

Present: Council Member Bregman, Council Member Nakanishi, Council Member Yepez, and Mayor Pro Tempore Craig

Absent: Mayor Hothi

Also Present: City Manager Schwabauer, City Attorney Magdich, and City Clerk Nashed

B. Topics

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

Public Works Director Charlie Swimley provided a brief introduction regarding the conversion of the City's fleet to electric vehicles.

Sam Pournazeri, Senior Director of Transportation and Energy with ICF, provided a PowerPoint presentation on the Citywide Fleet Electrification Master Plan. Specific topics of discussion included fleet electrification plan objectives, proposed Advanced Clean Fleet (ACF) regulation, California Advanced Clean Cars II regulation, summary of the City's fleet composition, ICF fleet assessment model, vehicle replacement recommendations, EV replacements for vehicles subject to ACF, EV replacements for vehicles not subject to ACF, infrastructure requirements assessment, analysis of multiple EV infrastructure scenarios, EVSE rollout plan for 1:1 vehicle to charging port ratio, EVSE rollout plan for maximum vehicle to charging port ratio, much lower dwelling time scenario, electrical infrastructure upgrades, total cost of ownership, suite of incentives programs, and barriers to transition.

In response to Mayor Pro Tempore Craig, Mr. Pournazeri confirmed that the information presented was for 100% rollout.

Discussion ensued with Council Member Nakanishi and Mr. Pournazeri regarding the percentage of electric vehicles planned to be in use by the City in 2035, the turnover rate of City vehicles, and the potential for purchase of used internal combustion engine vehicles.

Discussion ensued with Council Member Bregman, Mr. Pournazeri, and Electric Utility Director Jeff Berkheimer regarding the difficulty in obtaining vehicles, possibility of an exemption if vehicles are unavailable, the capacity to charge EVs, and the considerations of operational capabilities and response time.

Discussion ensued with Council Member Yepez and Mr. Pournazeri regarding scheduling of charging, grid stress due to such things as air conditioning use during hot weather, peak loads, smart charging, dynamic load charging management solutions, operational feasibility, and the risk of not having fully-charged vehicles available for use.

Fang Yan, Senior Manager of Environmental Modeling with ICF, provided a PowerPoint presentation on the Zero Emission Bus (ZEB) Study and Rollout Plan. Specific topics of discussion included ZEB study and rollout objectives, Innovative Clean Transit (ICT) regulations, current fleet composition, current purchase plan, fleet transition planning, bus purchase schedule to comply with ICT, future fleet composition, charging infrastructure rollout plan, individual bus total cost of ownership, total capital expenditures for 2022-2040, estimated operating expenditure for 2022-2040, total transition net present value, funding sources, and start-up and scale-up challenges.

Discussion ensued with Mayor Pro Tempore Craig and Ms. Yan regarding the due date for the Transit plan.

Discussion ensued with City Manager Schwabauer and Rates & Resources Manager Melissa Price regarding the demand on the grid once residents transition to electric vehicles and the EV Readiness Blue Print.

Discussion ensued with Mayor Pro Tempore Craig and Ms. Yan regarding costs for such things as new electrical service for parking lots, increased underground capacity, and work force training.

Discussion ensued with Mayor Pro Tempore Craig, Ms. Yan, and Mr. Pournazeri regarding competitive and non-competitive funding opportunities and funding availability from Federal Transit Administration, California Energy Commission, Caltrans, California Air Resources Board, and incentive funding.

Mayor Pro Tempore Craig commented on the cost of vehicle replacement and the timing of purchases.

Public Works Director Charlie Swimley provided closing remarks, including staff's preparation to ensure the City is in a position to be ready for the new regulations, the evolving technology of electric and hydrogen powered vehicles, and concerns regarding reliance on battery power for response vehicles.

Electric Utility Director Berkheimer provided closing remarks, stating that the numbers provided were for specific projects but did not include the grid upgrades required for all homes and businesses to switch to electric vehicles and that supply chain issues preclude upgrading the grid immediately.

Mayor Pro Tempore Craig stated that there is a need to prioritize, that she has concerns regarding the need to charge vehicles when responding to emergencies such as flooding, and that she feels the required transition is very fast.

C. Comments by Public on Non-Agenda Items

None.

D. Adjournment

No action was taken by the City Council. The meeting was adjourned at 8:08 a.m.

ATTEST:

Olivia Nashed
City Clerk