

CITY COUNCIL MEETING

JUNE 14, 2022

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MEETING DATE: June 14, 2022

Item #4 [WS 22-020](#)

2023 Electrification Reach Code: Information and Discussion

If there is a major disaster in Hayward, will resiliency and safety for residents be helped or hindered by the push towards all electrification?

To make new buildings truly resilient, they will need to include battery storage. The new CA Energy Code will require new homes to have wiring ready to accept batteries and it will require high-rise residential buildings to have batteries installed at the time of new construction. Also, if building owners install bi-directional chargers for their EV chargers, cars can serve as a battery for the home.

Regarding the use of gas during a grid outage:

While some gas appliances can be used during a power outage, newer water heaters and furnaces do not have a constant pilot light - they use electronic ignition. Also, cooking with gas during an outage is dangerous in that mechanical ventilation is necessary to achieve proper ventilation and maintain healthy indoor air quality.