

From: Jason Shellhaas <jshellhaas@gmail.com>

Sent: Tuesday, November 29, 2022 5:07 PM

To: Planning <Planning@a2gov.org>

Subject: Electrification proposal Question

Dear A2 Planning Committee,

I saw the recent article in MLIVE about the electrification of buildings possibly starting in 2023. I wanted to provide some feedback as you consider moving forward. My previous house in the lakewood subdivision had a rooftop solar array and a tesla back up battery. Despite my solar array and tesla battery pack, we would loose power for days at a time because the utilities are above ground. Given our copious trees, weather events often lead to power outages for days at a time. In the winter and sometimes in the summer, my tesla battery pack was not enough resulting in the need for a back up generator. If a person only has solar then when a power outage occurs the solar turns off completely because of grid-back feed risk. The frequent power loss in our neighborhood caused many of our neighbors to install back up generators.

Preventing the installation of gas lines makes a natural gas standby generator not possible. Options to fix this would be to require all utilities in new construction and neighborhoods to be placed underground or to have an exception for natural gas powered back-up generators. In addition, there could be long term goals of having DTE transition to all underground utilities.

Thank you,

Jason Shellhaas