

May 12, 2020

Michael and Gina Dawson  
711 Los Palos Drive  
Lafayette, CA 94549

Dear Mr. and Mrs. Dawson,

Thank you for joining the Lafayette City Council Meeting where Pacific Gas and Electric Company (PG&E) presented on gas and electric projects planned along St. Mary's Road. Below please find additional information to address your follow-up questions about the work.

**Electric System Upgrades on St. Mary's Road**

PG&E has identified work planned for 2020 that will increase capacity, safety and reliability of the electric system. The work will take place between the Moraga Substation and the Rossmoor Substation, with a system hardening component along St. Mary's Road.

The existing voltage on the line along St. Mary's Road is 12 kilovolts (kV). The voltage will not change; however, PG&E will be adding an additional 12 kV circuit to help balance electric loads in Moraga. Both lines will be fire-hardened with covered wires. The existing poles will be replaced by wider wood poles that will be an average of 10 feet taller for additional required spacing between the two circuits. PG&E uses composite poles for its work when encountering angles and heavy equipment that could overload the largest wood poles.

For your reference, please see the included attachment for an example of a typical double circuit 12 kV line using wood poles.

In addition to the work outlined above, we will be installing automated safety equipment to aid in shutting off power when necessary. We are using automated Supervisory Control and Data Acquisition (SCADA) systems which are controlled from our Distribution Control Centers, the nearest of which is located in downtown Concord. A subsurface SCADA switch can be used to shut down power to the area remotely if needed, for example, in the event of a downed line. For further overhead system protection, we are also using reclosers which automatically shut off power if a fault is detected.

Thank you again for your interest in our safety work. For any additional questions or for more on our Community Wildfire Safety Program, please email us at [wildfiresafety@pge.com](mailto:wildfiresafety@pge.com) or call 1-877-295-4949.

Sincerely,



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