

ENERGY DIVISION DATA REQUEST
ED-SDG&E DR-01
POWER YOUR DRIVE Extension Program (A.19-10-012)
SDG&E RESPONSE
DATE RECEIVED: DECEMBER 16, 2019
DATE RESPONDED: DECEMBER 31, 2019

The Power Your Driver Extension application (A.19-10-012), filed in October 2019, proposes a number of modifications to the approved Power Your Drive Pilot (D. 16-01-045). Energy Division staff issues this data request to get information on the cost assumptions for the PYD Extension application and how the lessons learned from the PYD Pilot informed the proposed modifications.

Please provide responses to this request for more information about the PYD Extension proposal by December 31, 2019.

1. Provide workpapers in Excel format showing the cost assumptions, and formulas, SDG&E used to develop the PYD Extension budgets. This should include details about capital costs and expenses for the PYD Extension.
 - a. For each data input, please explain how the cost assumption was informed by lessons learned from the PYD Pilot.

Response: SDG&E's workpapers related to the PYD Extension Program are available at <https://www.sdge.com/rates-and-regulations/proceedings/extend-modify-pyd-pilot>

The table below describes lessons learned from the Power Your Drive (PYD) Pilot and how those lessons learned influenced the cost estimates for the PYD Extension Program.

Program Phase / Cost Category	Lessons Learned from Power Your Drive (PYD) Pilot	PYD Extension Cost and Schedule Assumptions
Customer Acquisition & Site Selection	Allow for adequate timelines to complete site walk-throughs, evaluation process, and negotiations of easements and site agreements.	Additional time allocated for site selection process at the beginning of program prior to commencing construction activities. SDG&E also identified potential customers/sites that have expressed interest in PYD, which has potential to save on outreach, education and marketing costs Leverage SDG&E experience involved in site acquisition and sales process during PYD Pilot for Extension Program.
Engineering Design	Leverage program engineering design process from later stages of PYD Pilot and minimize design costs during site selection and walk-through process.	FEED (Front End Engineering Design) costs of \$200K included in PYD Extension estimate for upfront site evaluation support to reduce potential redesign costs during later stages of program. Maintain efficiencies gained for third party engineering design by reducing number of sites that need parallel design and site selection activities.

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<p style="text-align: center;">Program Management</p>	<p>Optimize program execution by utilizing SDG&E resources for program management.</p>	<p>Unlike PYD 1.0, no third-party program management support included in PYD Extension estimate.</p>
<p style="text-align: center;">Construction</p>	<p>Construction contractor costs for single site bids usually came in higher than bundled site bids.</p>	<p>Multiple IFC-ready (issued for construction) sites are awarded to third party construction contractors at one time, which reduces risk to contractor and allows for more consistent scheduling and resource planning.</p>
<p style="text-align: center;">Site Commissioning & Close-out</p>	<p>EVSE commissioning process and validation of data is complex and needs appropriate applications and staffing support.</p>	<p>Estimate does not include application build-out costs for billing system integration since these costs were incurred during PYD Pilot program.</p> <p>Maintains resources needed for site commissioning and billing setup as well as additional resources for rebate administration that were not part of initial PYD Pilot program.</p>