

APPENDIX A

Design Elements of UDC Demand Responsiveness Programs

Design Element	SCE VPRC	PG&E E-Bid	SDG&E DRP
Eligibility	<ul style="list-style-type: none"> • ≥ 500 kW demand • Interval meter • Bundled service customers • Excludes real time pricing and hourly PX customers 	<ul style="list-style-type: none"> • ≥ 500 kW demand • Interval meter • Bundled service customers • Up to 500 customers (first-come, first-served basis) 	<ul style="list-style-type: none"> • ≥ 500 kW demand • Interval meter • Bundled service customers • Up to 100 customers (first-come, first-served basis) • Excludes customers on Interruptible tariffs
Trigger (event that activates the program)	<ul style="list-style-type: none"> • <u>Unconstrained</u> day ahead PX MCP \geq \$250/MWh in any hour 12-6 p.m. (M-F) • UDC may cancel event if: <ul style="list-style-type: none"> • constrained MCP varies from unconstrained MCP by 10% or more in any hour or • constrained MCP falls below \$250/MWh in all hours (Noon to 6 p.m. Monday to Friday) 	<ul style="list-style-type: none"> • <u>Constrained</u> day ahead PX MCP \geq \$250/MWh 	<ul style="list-style-type: none"> • Activated when UDC believes bundled customer savings (i.e., reduced PX MCP) exceed participants' incentive payments
Load Reduction commitment	<ul style="list-style-type: none"> • Minimum two consecutive hours • 100 kWh minimum bid in any hour • +/- 50% bandwidth (e.g., for 100 kWh bid, payments will be made on actual load curtailed within range of 50 kWh to 150 kWh) • Load reductions limited to 500 MWh 	<ul style="list-style-type: none"> • Minimum load reduction is 20% of baseline load. 	<ul style="list-style-type: none"> • Minimum load reduction is 20% of baseline load.

Design Element	SCE VPRC	PG&E E-Bid	SDG&E DRP
Incentive price	<ul style="list-style-type: none"> • <u>Unconstrained</u> day ahead PX MCP 	<ul style="list-style-type: none"> • <u>Constrained</u> day ahead PX MCP 	<ul style="list-style-type: none"> • <u>Constrained</u> day ahead PX MCP
Basis Calculation	<ul style="list-style-type: none"> • Customer Specific Energy Forecast (CSEF): • Two options: <ul style="list-style-type: none"> • historical load data or • five-day rolling average of weekday hourly load. 	<ul style="list-style-type: none"> • Based on actual end-use load for the same hours on the five most recent working days in which there were no curtailments. • If less than five usage days available within a two-week period, baseline calculation supplemented with a default baseline usage, based on summer 1999 weekday consumption. 	<ul style="list-style-type: none"> • Based on actual end-use load for the same hours on the five most recent working days in which there were no curtailments.
Incentive Payment	<p>PX Unconstrained MCP*(Baseline – actual load)¹</p> <p>1. Subject to +/- 50% bandwidth</p>	<p>PX Constrained MCP*(Baseline – actual load)²</p> <p>2. Subject to 20% baseline rule</p>	<p>PX Constrained MCP*(Baseline – actual load)²</p> <p>2. Subject to 20% baseline rule</p>
Enrollment Costs	<ul style="list-style-type: none"> • Customer pays for communication equipment (e.g., pager, internet access, other) • Customer pays for all interval metering (if not currently in place) • Customer pays for energy usage tracking software (if desired) 	<ul style="list-style-type: none"> • \$600 enrollment fee • Customer pays for telephone-accessible interval load metering and notification equipment (if not already in place) 	<ul style="list-style-type: none"> • Customer pays for communication equipment (e.g., pager, e-mail)

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Program Cost allocation <ul style="list-style-type: none"> ▪ Incentive payments ▪ Administrative Costs 	<ul style="list-style-type: none"> • Incentive payments included in PX credit and funded as debit to transition revenue account. • Recovery of administrative costs not requested. 	<ul style="list-style-type: none"> • Incentive payments included in PX credit and funded as debit to transition revenue account. • Administrative costs less enrollment fees recovered from revenue adjustment proceeding. 	<ul style="list-style-type: none"> • Incentive payments and administrative costs spread across all bundled customers in post-rate-freeze future electric rates.
Program Duration	<ul style="list-style-type: none"> • June 1 – October 30, 2000 • 12-6 p.m. M-F • Six-hour duration for all events 	<ul style="list-style-type: none"> • June 1 – December 31, 2000 • 12-10 p.m. M-F • Hours vary by event 	<ul style="list-style-type: none"> • June 1 – October 13, 2000 • 8-5 p.m. M-F • Nine-hour duration for all events