SRP NEW CONSTRUCTION SOLUTIONS

Effective FY25 (May 1, 2024-April 30, 2025)

BUILD BETTER, SMARTER

Are you planning to construct a new building or are you in the schematic design phase of a facility? If so, consider using a whole-building design strategy.

The whole-building design employs integrated energy design with a team approach to create high-performance buildings that save significant amounts of energy and improve occupant comfort. It's a collaborative method among building architects, engineering professionals and building owners, yielding facilities that are cost-effective to operate and maintain over their entire life cycle and that are more aesthetic, comfortable, marketable, productive and sustainable than traditionally designed buildings. The program encourages adopting energy efficiency measures under the following categories:

- Lighting design and advanced lighting controls
- HVAC mechanical and electric hot water systems efficiency
- Building envelope designed for thermal efficiency
- Fenestration efficiency
- Enhanced controls and systems integration

SRP New Construction Solutions seeks to engage the project's design team (owner, architect, general contractor, and HVAC, lighting and controls engineers) during the project's design phases. Through this process, the design team is presented with multiple high-efficiency design strategies and associated economic impacts at specific milestones throughout the design process. Early involvement, combined with the comprehensive interaction of key project stakeholders, affords the opportunity to cost-effectively evaluate and incorporate significant efficiency strategies while the major building design components are still fluid.

"Whole-building" design is the basis for SRP's New Construction Solutions Program. The goal of this program is to provide technical assistance and financial rebates to help architects, engineering professionals and building owners optimize energy and demand savings and reduce operating costs in commercial, industrial and multifamily new construction projects.

The benefits of integrated energy design are many:

- Life cycle energy savings create an attractive return on investment for owner-builders.
- Reduced utility costs offer multiple benefits to property managers, who can pass savings on to tenants through lower lease rates.
- Comfortable, attractive, energy-efficient work spaces also benefit tenants. Businesses not only incur reduced overhead costs but also are likely to improve employee morale and enhance productivity.

ELIGIBILITY

Projects must exceed American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) standard 90.1-2016 by 10% or more.

Projects must also use a professional design team and establish energy efficiency goals. Program rebate eligibility is exclusively for planned commercial, industrial and multifamily new construction buildings in the early design phases that will have the following:

- Expedited Track: Minimum of 20,000 square feet of conditioned floor space
- Enhanced Track: Minimum of 50,000 square feet of conditioned floor space or 20,000 square feet for multifamily
- Electric service from SRP on an eligible price plan

REBATES

SRP New Construction Solutions provides the following services and equipment rebates through two distinct participation tracks to encourage the implementation of energy efficiency measures in new construction projects:

ENHANCED PERFORMANCE TRACK:

- **Design Team Service Rebates:** The design team can consist of the owner, architect, general contractor, and HVAC, lighting and controls engineers for a project. Design team service rebates can offset a portion of the expenses for the team's project participation. Available rebates: $10,000–$15,000 based on building size.

Find out more on the next page

- **Energy Design Assistance (EDA) Service Rebates:** Electricity savings will be achieved through the implementation of comprehensive selection of energy efficiency measures identified and evaluated during the building design process by the SRP-approved EDA team comprising an SRP-approved qualified energy modeling professional and a qualified lighting designer. The EDA service rebates are performance-based and paid directly to the EDA team at $0.08/kWh of verified savings up to $50,000.
- **Building Owner Equipment Rebates:** To help offset incremental costs associated with the implementation of the selected energy efficiency measures, financial rebates are available to the building owners/customers. Rebates will be paid at $0.10 per kilowatt-hour and $150 per average peak kW for the first year of electrical energy and demand savings, respectively, and will be issued in two phases: i) a partial payment once the proposed building construction has started, and ii) the final payment after completion of a full energy model simulation of the "as-built" building construction documents and SRP's approval of the final verification report.

Customers are subject to a maximum rebate of $450,000 from May 1 through April 30 for all SRP programs, with separate program area caps of $300,000 for Energy Efficiency programs, $300,000 for Business EV programs, and $50,000 for Electric Technology programs. Program or technology-based limits may also be applicable, based on program terms and conditions. SRP reserves the right to determine at their sole discretion the program year to which a rebate is attributed.

EXPEDITED TRACK:

This track is suitable for projects with accelerated design schedules that are unable to invest the time necessary for participating under the enhanced performance track. The buildings under this track are not eligible to receive the EDA service rebates or the design team rebates. Under this track of program participation, only building owner equipment rebates are available:

- **Building Owner Equipment Rebates:** Building owner equipment rebates under this track are available at $0.10 per kilowatt-hour and $150 per average peak kW for the first year of electrical energy and demand savings, respectively, and will be issued after delivery of an energy model of the "as-built" building construction documents and an energy analysis report documenting the project's savings. To assist with the cost burden for the required energy modeling under the expedited track, a reimbursement of 50% of the energy modeling cost (up to $15,000) will be issued to the building owner upon completion of the project.

HOW TO PARTICIPATE

Enhanced Performance Track

1. Complete a project application during the schematic design phase.
2. Participate in a series of three milestone meetings during the design process.
3. Submit customer measure selection form along with completed construction documents (100% CD) to SRP for review.
4. After construction, complete the required commissioning activities.
5. Submit "as-built" construction documents and facilitate SRP's final inspection and verification activities.

OR

Expedited Track

1. Complete a project application prior to energy-efficient equipment being ordered.
2. After construction, complete the required commissioning activities.
3. Submit an "as-built" energy model and an energy analysis report documenting the project's savings.

SRP BUSINESS SOLUTIONS

SRP is committed to helping you save energy and money. We offer a rebate or incentive program for every size and type of business.

- Standard Business
- Custom Business
- Small Business
- New Construction
- Retrocommissioning
- Electrification
- Business EV
- Multifamily
- Demand Response

Find out which rebate programs are for you:
savewithsrpbiz.com/rebates
Program administrator, **(602) 236-3054**

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