



FY12 PowerWise
New Construction Solutions
Participant Program Manual

May 1, 2011

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1.1 PROGRAM OVERVIEW

SRP's FY12 PowerWise New Construction Solutions provides technical assistance and financial rebates to help architects, engineering professionals, and building owners optimize energy and demand savings and reduce operating costs in eligible new construction projects.

PowerWise New Construction Solutions employs a whole building performance-based strategy that fosters an integrated design approach with the project's design team starting during the conceptual phase. Through this process, the design team (typically the owner, architect, lighting and HVAC engineers, and general contractor) are presented with multiple high efficiency design strategies and their associated economic impacts at key 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 efficiency strategies while design components are still fluid. The program is designed to be scalable for projects of varying size and flexible to grow with customer needs.

For new construction projects that do not lend themselves to a comprehensive whole building approach, SRP offers equipment rebates through the PowerWise Standard Business Solutions or PowerWise Custom Business Solutions programs. The PowerWise Standard Business Solutions provides rebates for high efficiency HVAC equipment, lighting, motors, refrigeration and compressed air measures that meet or exceed SRP's minimum eligibility requirements. The PowerWise Custom Business Solutions offers electrical energy rebates for systems that exceed ASHRAE 90.1-2004 code requirements or standard industry practice. Once a project has been selected in PowerWise New Construction Solutions, rebates cannot be obtained from or combined with other programs offered by SRP for the same measures.

1.2 CONTACT INFORMATION

SRP has retained Nexant, Inc. as the Program Administrator for PowerWise New Construction Solutions. Questions about the program can be directed to the Program Administrator via:

- Web
 - www.savewithsrpbiz.com
- Customer informational hotline
 - (602) 236-3054
- Fax
 - (480) 345-7601
- Email
 - Customer inquiries: savewithsrpbiz@srpnet.com
 - Qualified Service Provider inquiries: QSPSupport@srpnet.com
- Mail
 - SRP PowerWise New Construction Solutions
PMB # 192
4802 E Ray Rd Ste 23
Phoenix, AZ 85044-6417

1.3 MANUAL USE AND ORGANIZATION

This program manual is designed for use by customers, contractors, architecture and engineering firms, energy services companies, and equipment manufacturers and outlines the rules and requirements of PowerWise New Construction Solutions. The manual is organized as follows:

- Section 2 – Addresses customer, facility, and measure eligibility requirements
- Section 3 – Discusses rebate information
- Section 4 – Outlines the program participation process
- Section 5 – Summarizes commissioning guidelines

Sample program submittal forms, frequently asked questions, and other general program support information are contained in appendices at the end of this manual.

2.1 CUSTOMER ELIGIBILITY

To participate in PowerWise New Construction Solutions, customers must purchase electricity from SRP on an eligible non-residential retail electric price plan for their planned facility. Table 2-1 lists eligible customer price plans.

Table 2-1: Eligible Price Plans for PowerWise New Construction Solutions

Description	Price Plan
Time-of-Use General Service	E-32
M-Power for Pre-Pay General Service	E-34
Standard General Service	E-36
Standard Pumping Service	E-47
Time-of-Week Pumping Service	E-48
Standard Large General Service	E-61
Primary Large General Service	E-63
Substation Large General Service	E-65
Substation Large General Service with Interruptible Load	E-66

Customers with questions regarding their account should contact the Program Administrator or their SRP Account Manager.

For the purposes of SRP’s energy efficiency programs, a customer is defined as a company or organization that receives electric service from SRP under an approved SRP price plan. A customer is a holder of a single account, multiple accounts in aggregate, or corporate accounts. Multiple accounts or corporate accounts with a single SRP customer identification number will be considered a single customer. An organization of this type can participate in multiple efficiency programs, but will be subject to any applicable customer rebate caps.

SRP retains the right to make final determination of customer eligibility.

2.2 FACILITY ELIGIBILITY

PowerWise New Construction Solutions is an application-based program that accepts projects that are most likely to succeed. Key project criteria for selection into the program includes, but is not limited to, planned commercial and industrial buildings with 75,000 square feet or more of conditioned floor area that have an estimated peak demand of 400 kW or more and are in the conceptual or earlier phase of design. Total building conditioned floor area may be defined for candidate projects as the total aggregate conditioned floor area of multiple buildings. It is imperative that the project intends to utilize a professional design team and establish energy efficiency goals.

Additional eligibility requirements for facilities to apply for participation in PowerWise New Construction Solutions include the following:

1. Projects involving commercial or industrial buildings planned for new construction or major renovation. A major renovation is defined under PowerWise New Construction Solutions as a project with a minimum of two or more major systems planned to be completely removed and replaced with systems that meet the eligibility requirements of the program. Examples of building major systems include the building shell, the HVAC system, and lighting system.
2. Projects where ASHRAE Standard 90.1-2004 can be applied (energy savings and project costs will be determined compared to a building built to this code).

3. Projects where the scope will be improving the electric efficiency of the whole building design so it exceeds the ASHRAE Standard 90.1-2004 by 10% or more based on modeling consistent with the modeling guidelines in ASHRAE 90.1-2004 Appendix G protocols.
4. Projects in the earliest stages of programming or schematic design. A high degree of flexibility must still be available regarding choices for building design, envelope, HVAC and electrical systems. Early involvement in the design process by SRP's design assistance team ensures that all energy-saving options can be considered.

SRP retains the right to make final determination of facility eligibility.

2.3 MEASURE ELIGIBILITY

The program aims to provide rebates for those projects whose whole building design exceeds ASHRAE Standard 90.1-2004 by 10% or more. The program is designed to encourage energy efficiency measures in the following disciplines:

- Lighting design and controls
- HVAC mechanical systems
- Building envelope thermal design and efficiency
- Fenestration efficiency
- Enhanced control automation

Measures that are *excluded* from consideration in this program include those that:

- Have received a rebate through any other energy efficiency program offered by SRP
- Rely solely on changes in customer behavior and require no capital investment
- Produce a electric energy reduction through substitution of another energy source for electricity
- Merely terminate existing processes, facilities, or operations
- Relocate existing processes, facilities, or operations out of SRP's service territory
- Are required by local, state or federal law; building or other codes; or are standard industry practice
- Involve plug loads
- Generate electricity, including cogeneration or renewable energy generation

Examples of measures that may assist in achieving a 10% or more improvement in energy efficiency over the ASHRAE Standard 90.1-2004 are listed in Table 2-2. Program participants are free to propose measures not included in the table, so long as the above requirements are met. For measures not covered by ASHRAE 90.1-2004, the baseline is industry standard practice. However, the baseline use and savings for measures not covered by ASHRAE 90.1-2004 shall not be included as part of the total energy savings to exceed ASHRAE 90.1-2004 by 10% electricity (kWh) savings. SRP retains the right to make final determination of measure eligibility.

Table 2-2: Examples of Eligible New Construction Energy Efficiency Measures

Category	Measure	
Envelope	Improved wall insulation High efficiency glazing	Improved roof insulation Cool roof
Lighting	High efficiency fixtures (Interior) Lower ambient lighting levels Highly reflective ceiling	Occupancy sensors Efficient exterior lighting fixtures
Daylighting	Light conveyors Interior/exterior light shelves Sloped ceiling	Stepped daylighting controls Dimming daylighting controls Skylights
Central Systems	High efficiency chiller Water side economizer Ground-source heat pump Water-source heat pump Variable refrigerant flow heat pumps Building thermal mass Point-of-use domestic hot-water heaters VFDs on HW pumps VFDs on CHW pumps High efficiency refrigeration equipment	Evaporative cooling technologies VFDs on cooling tower fans Infrared heating Domestic cold water pre-cooling Displacement ventilation Radiant heating/cooling Natural ventilation Chilled beams Heat recovery systems

2.4 PROGRAM DATES

The FY12 PowerWise New Construction Solutions became effective on May 1, 2011. Design assistance service rebates, design team service rebates, and building owner equipment rebates are not eligible for prior customer-funded new construction activities or for projects without necessary pre-approval from SRP.

3.1 REBATES

PowerWise New Construction Solutions provides the following service and equipment rebates to encourage the implementation of energy efficiency measures in new construction projects:

1. Design Team Service Rebates
2. Design Assistance Service Rebates
3. Building Owner Equipment Rebates

Design Team Service Rebates

The design team can consist of the owner, architect, lighting and HVAC engineers, general contractor, and others for a project. Design team service rebates offered by PowerWise New Construction Solutions can offset a portion of the expenses for the design team's participation in the project. These efforts may include, but are not limited to, the following:

- Attending design assistance meetings
- Reviewing energy efficiency measures
- Calculating incremental costs
- Assisting with energy simulation models
- Supporting energy efficiency measures during design and value engineering
- Submitting construction documents for review

The design team service rebate is a fixed value based on the conditioned square footage of the project. The design team service rebate is paid provided that proposed building's energy simulation model associated with the 100% construction documents achieves an energy savings of 10% or more above the ASHRAE Standard 90.1-2004 baseline model. A summary of the rebate levels as a function of the project size is shown in Table 3-1.

Table 3-1: Design Team Service Rebate Schedule

Project Size (SF)	Design Team Service Rebate
50,000 - 99,999	\$8,000
100,000 - 399,999	\$10,000
400,000 +	\$12,000

If the project encompasses several buildings (e.g. a retail shopping center or more than one office building), the design team service rebate is based on the total combined square footage of the buildings.

The design team service rebate is paid after the Qualified Service Provider’s review of the 100% construction documents and verification that measures are included that provide savings that exceed ASHRAE 90.1-2004 by at least 10% on a whole building electric basis. Payment is provided to one entity (architect, engineer, etc.). It is the design team’s responsibility to determine any disbursement of monies between the various parties.

Design Team Service Rebate Example:

Office Building Campus (3 Buildings):

- Office Building A: 50,000 SF
- Office Building B: 75,000 SF
- Office Building C: 20,000 SF

Combined Project Size: 145,000 SF

Total Design Team Service Rebate: \$10,000

Design Assistance Service Rebates

Electric energy savings will be obtained through the implementation of a comprehensive selection of energy efficiency measures identified and evaluated during the design process by a Qualified Service Provider (QSP) appointed by SRP using an approved hourly building simulation tool. The design assistance service rebate available through FY12 PowerWise New Construction Solutions is paid directly to the QSP.

Building Owner Equipment Rebates

To help offset incremental costs associated with energy efficiency measures, eligible financial rebates are paid to the building owner upon completion of a full energy model simulation of the as-built building construction documents and delivery of the final inspection report.

The building owner equipment rebate is payable in the form of a one-time lump-sum check that calculated on a sliding scale. The rebate starts at \$0.08 per first year kWh of energy savings for projects with a minimum 10% energy savings above the ASHRAE 90.1-2004 baseline model and increases to a maximum of \$0.16 per first year kWh of energy savings that exceed the ASHRAE 90.1-2004 baseline model by 30% or more. See

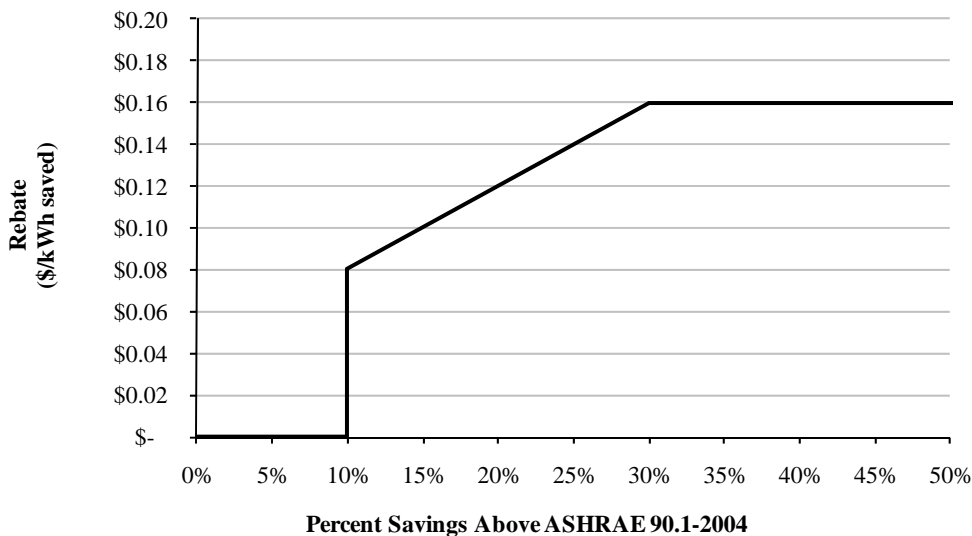


Figure 3-1 for a graphical depiction of the rebate scale.

The savings for measures not covered by ASHRAE 90.1-2004 shall not be included as part of the total kWh energy savings to exceed ASHRAE 90.1-2004 by 10%. Rebates for measures not covered by ASHRAE 90.1-2004 will be paid at a fixed amount of \$0.11 per first year kWh of energy savings, using industry standard practice as a baseline. Rebates for measures not covered by ASHRAE 90.1-2004 are capped at 50% of the incremental customer cost.

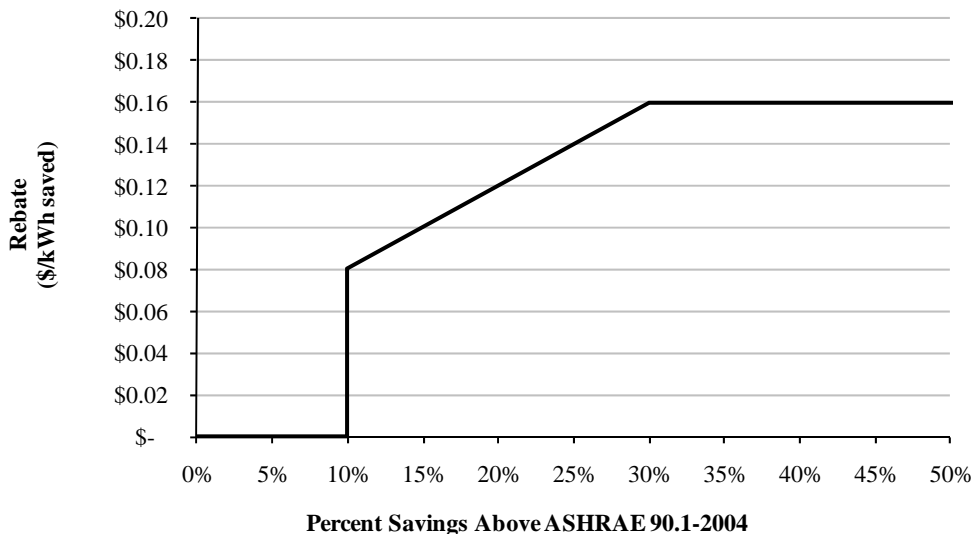


Figure 3-1: Building Owner Equipment Rebate Levels

The baseline energy simulation model will be created in accordance with the requirements set forth in ASHRAE 90.1-2004 Informative Appendix G (including addendum’s) and the minimum equipment efficiency requirements from ASHRAE 90.1-2004. This baseline model provides a consistent benchmark against which to compare energy performance metrics and energy savings for subsequent energy strategy alternatives. Energy savings will then be calculated as the baseline (code compliant) annual energy use minus the as-built annual energy use as determined by the energy simulation model based upon the results of a final inspection report paid for by SRP.

Building owner equipment rebates are contingent on the as-built building exceeding the ASHRAE 90.1-2004 baseline model by 10% or more on a whole building electric basis. If the energy savings threshold is not met, no rebates are available through PowerWise New Construction Solutions. Rebates may be available through PowerWise Standard Business Solutions or PowerWise Custom Business Solutions (rebate caps may apply). In addition, building owner equipment rebates will be reduced by 25% for customers that do not complete the minimum commissioning activities identified for the project by SRP. Building owner equipment rebates are also subject to compliance with program commissioning requirements, outlined in further detail in Section 5 of this manual.

At the owner’s request, non-electric savings (e.g., fossil fuel savings) may be provided in the reports insofar as the savings are output from the energy simulation model and are for informational purposes only. Owners are welcome to request additional services from the QSP under a separate owner paid contract. These items may include quantifying natural gas, water, or maintenance savings; LEED submittal requirements; etc.

3.2 CORE AND SHELL/TENANT IMPROVEMENT PROJECTS

Core and shell (C&S) and tenant improvement (TI) projects typically result from an owner who is constructing a building with the purpose to lease out the floor area. In some cases, the building may contain mixed used occupancy (e.g. retail on the first floor and office space on the upper floors).

Measures that are typically included under C&S versus those that are common for TIs are summarized in Table 3-2.

Table 3-2: Example measures for C&S and TI Projects

C&S Measures	TI Measures
Building envelope (walls, roof, floor, glazing)	Tenant area lighting
Common area/exterior lighting	Tenant area daylighting controls
Common area daylighting controls	Air handling equipment upgrades
Central plant measures	Data center measures
Air handling equipment measures	VAV box control sequences

During the typical design phase of the new C&S building, tenants have not been secured for all spaces and therefore the TI design has not been completed yet. However, under the FY12 PowerWise New Construction Solutions, the project must meet or exceed the 10% minimum savings threshold as compared to the baseline energy model, and the building owner equipment rebate (on a \$/kWh basis) is a function of the savings.

To provide C&S projects an opportunity to maximize the building owner equipment rebates, the percentage savings will be calculated for systems that are designed, installed and commissioned, **and** as specified in TI guidelines for future installation(s). The building owner equipment rebate will be calculated using the corresponding rebate level identified considering future TI improvements (see

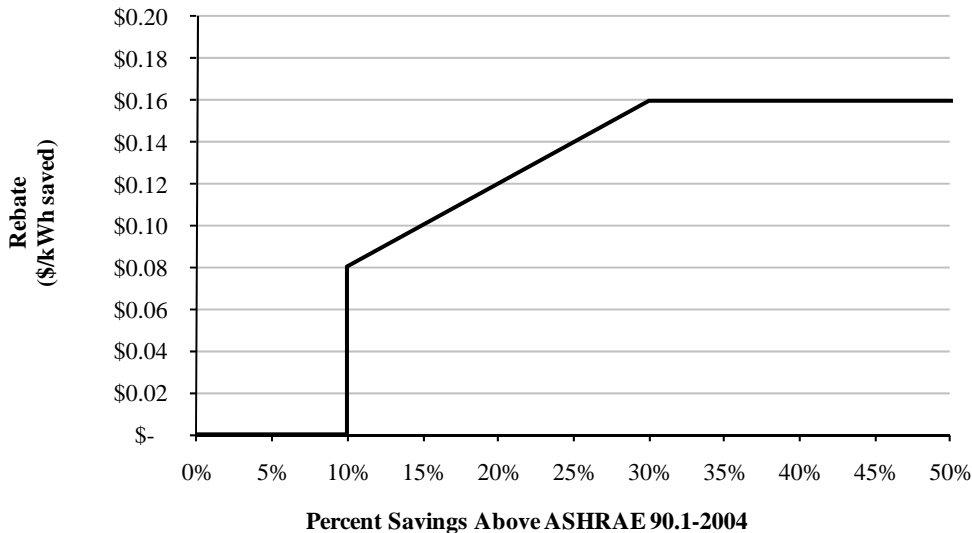


Figure 3-1) times the savings attributed to building systems and equipment that are installed and verified as part of the completed C&S project (exclusive of uninstalled TI measures, equipment and systems).

Supporting documentation (in the form of lease agreements, or tenant improvement construction guidelines and specifications) shall be furnished to SRP under the terms of the program in order to receive rebate payment for C&S projects. Such documentation shall clearly identify that current and future tenant “build-outs” will incorporate the

energy efficiency measures indicated and incorporated in the C&S project. Upon installation a later date, TIs not completed at the time of building construction may be eligible for rebates under the PowerWise Standard Business Solutions or Custom Business Solutions programs.

DESIGN TEAM C&S / TI BUILDING OWNER EQUIPMENT REBATE EXAMPLE:

Project Highlights:

Systems designed, installed and commissioned in the C&S phase:

- Core and Shell office building, 175,000 SF
- Variable volume air handlers with premium efficiency motors
- High efficiency water cooled chiller
- Premium efficiency chilled water pumps with variable frequency drives
- Premium efficiency T8 lamps with electronic ballasts installed in common area lobbies and corridors
- Improved glazing solar heat gain coefficient and envelope insulation
- High efficient elevators

Tenant systems designed and/or specified in Tenant Lease Agreement and TI Requirements during the C&S phase, however not installed in the C&S Phase:

- Premium efficiency T8 lamps with electronic ballasts
- Daylighting controls and occupancy sensors
- VAV box control sequences

Calculated energy savings as a result of implementing EEMs:

▪ Systems designed, installed and commissioned in the C&S phase	263,000 kWh/yr
▪ Tenant systems designed and/or specified in the C&S phase (not installed in the C&S phase)	<u>112,000 kWh/yr</u>
▪ Total estimated savings	375,000 kWh/yr

The total estimated savings yields a 15% savings above code for this example.

Building Owner Equipment Rebate calculation

- Applicable rebate rate \$0.10/kWh $\$0.10/\text{kWh} \times 263,000 \text{ kWh/yr} = \$26,300$
- \$26,300 is the eligible building owner equipment rebate for those EEMs that are designed, installed and commissioned under the C&S project.

3.3 REBATE CAPS

Customers will be subject to a maximum rebate of \$200,000 from the FY12 PowerWise New Construction Solutions including any design team service, design assistance service, and building owner equipment rebates. Customers are also subject to an overall rebate cap of \$300,000 per customer per program year from all PowerWise Business Solutions offerings from SRP during the FY12 Program Year. The FY12 Program Year is from May 1, 2011 through April 30, 2012. SRP will reserve the right to waive or adjust the rebate caps on a case by case basis and determine at their sole discretion the program year to which a rebate is attributed.

3.4 REBATE AVAILABILITY

Customer Applications to participate in PowerWise New Construction Solutions will be reviewed on a first-come, first-served basis until all rebate funding has been committed. Customers seeking participation after reservation of available funding will be given the option to be placed on a waiting list in the order requests were received by SRP. Current availability of rebate funds can be checked at www.savewithsrpbiz.com or by contacting the Program Administrator.

Providing quality information in a timely fashion is critical to incorporating energy efficiency measures into buildings. The process commences with a brainstorming session for potential measures, followed by an investment-grade energy analysis report that quantifies the economic impacts of each measure, and completes with a review of the construction documents to ensure that the measures are included in the final design and a final inspection report on the as-built building. The schedule and duration of time between each meeting can be varied to accommodate individual design team's needs. However, the key milestone meetings described below are required to ensure that progress towards energy efficient decisions are achieved.

4.1 CUSTOMER APPLICATION PROCESS

The first step in participating in the program is to complete a project application. The application contains information about the anticipated facility's design goals, building characteristics, and owner and design team contact information. Based upon SRP's review of the application, the project can be expedited to the most appropriate rebate program offering or the PowerWise New Construction Solutions program. In some cases, there may be a preliminary meeting to review the application and discuss program options and how a project is "tracked" once a program option is selected. A sample of the project application is provided in Appendix A.

Measures within projects participating in the PowerWise New Construction Solutions program are not eligible to receive rebates through the other program offerings. However, if a point is reached during the project (e.g. during late design or early construction) where the 10% energy savings above ASHRAE 90.1-2004 baseline cannot be achieved, SRP may consider providing rebates through another program offering.

SRP will designate a Qualified Service Provider (QSP) to serve as the energy analyst for accepted projects. QSPs providing services under the PowerWise New Construction Solutions program must be pre-approved by SRP. SRP will submit to the customer the name(s) and contact information for the QSP SRP recommends provide the design assistance services and the terms and conditions under which the Design Team Service Rebates will be paid for final customer approval. A sample copy of this Project Application Approval Form is included in Appendix B of this manual.

4.2 PROJECT MEETINGS

Technical services are provided to the Design Team to identify and investigate potential energy efficiency measures through a series of three meetings, outlined below.

Scoping Meeting

The scoping meeting is the official "kick-off" of the process. The meeting is scheduled by the Program Administrator and includes the QSP and representatives of the owner, architects, engineers, utility and sometimes the developer and contractor(s). At this meeting, the schedule is established, programming is discussed or the schematic design of the building is reviewed, and a list of potential strategies to be reviewed during the process is discussed.

The scoping meeting also provides an opportunity for the design team and owner to discuss the scope of the utility-funded analysis. If the customer desires additional services from the QSP, they may contract separately for those items (e.g. LEED certification, non-electric fuel analysis).

Schematic Design Meeting

Upon completion of the initial analysis, the design team is presented with results of the energy savings for a number of viable energy efficiency measures. Using costs provided by the design team, simple payback information for each individual strategy is presented. The design team is then challenged to weigh the value of the strategies and group them into a package called a "design bundle". The strategies within the design bundle are then incorporated into the model for detailed analysis.

The packaged approach provides significant benefit over evaluating each measure individually. The goal is to treat the building as a functionally integrated structure rather than a base building with "add-on" efficient systems. By

combining the strategies into a design package, the influence of trade-offs and interactions between systems can be appropriately evaluated. It is very important to note that individual results are not always 100% additive; two strategies that save 2% alone, may not save 4% combined. Considering the interactive effects of strategies when working together, the integrated system may save 3 to 3.5%.

Design Development Meeting

After agreement on the design alternatives is reached, the QSP will revise the energy simulation models. In the third meeting, SRP will present a design development report that details the economic impacts and potential rebates for the design bundle. The design development report will also provide a commissioning plan for the owner to complete upon the building's completion. The plan outlines functional testing requirements as well as trending parameters to ensure that the systems, when installed, operate as intended.

During the meeting, the team reviews the results of the design bundle. This meeting also includes the presentation of the Design Development Report Approval Form. ***It is required that the customer sign the Design Development Report Approval form prior to purchasing equipment.*** A sample copy of the Design Development Report Approval Form is provided in Appendix C of this manual.

4.3 CONSTRUCTION DOCUMENT REVIEW

After the design alternative has been selected and incorporated into the construction documents (CD), the design team is responsible for providing the QSP with the complete 100% CD package. The QSP will review the documents and check the specifications to ensure the selected design alternatives are included and identified as intended. If some measures of the final design alternative selection have been overlooked, efforts will be made to encourage the design team to incorporate them at this point. If these efforts prove unsuccessful, the savings estimates and corresponding rebate levels will be reduced accordingly. At this point, if the design team has incorporated measures that provide savings beyond the 10% energy savings threshold, the design team service rebate is provided.

4.4 COMMISSIONING

For purposes of this program, commissioning includes verification that the installed energy efficiency measures are operating as modeled. This ensures that the predicted energy savings are being achieved and that the system's operation and performance has been optimized. In the Design Development Report SRP will provide a commissioning plan for the owner to complete once the building is constructed and all systems are operational. The plan outlines functional testing requirements as well as trending parameters to ensure the systems operate as intended.

Commissioning is the responsibility of the building owner and can be completed by internal staff, contracting with the installing contractor, contracting with the project QSP, or by contracting with some additional qualified firm. Commissioning is required to be completed when the building is fully occupied and when the system's operation can be verified. Some measures may require operation during the cooling or heating seasons.

4.5 FINAL INSPECTION

Upon review of the customer's Commissioning Report, SRP will evaluate any variations found for each strategy as compared to its expected functionality, characteristics, and scope of installation. If variations are found for specific strategies, the energy simulation model is refined to match the functionality, characteristics and/or scope of the verified strategies. The as-built model is then used to calculate the final energy impacts. The QSP issues the final inspection report to the design team and the building owner as the final step in the design assistance process. The building owner equipment rebate is paid based on savings results confirmed in the final inspection report and per the terms of the program.

An overview of the PowerWise New Construction Solutions participation process is provided in Figure 4-1.

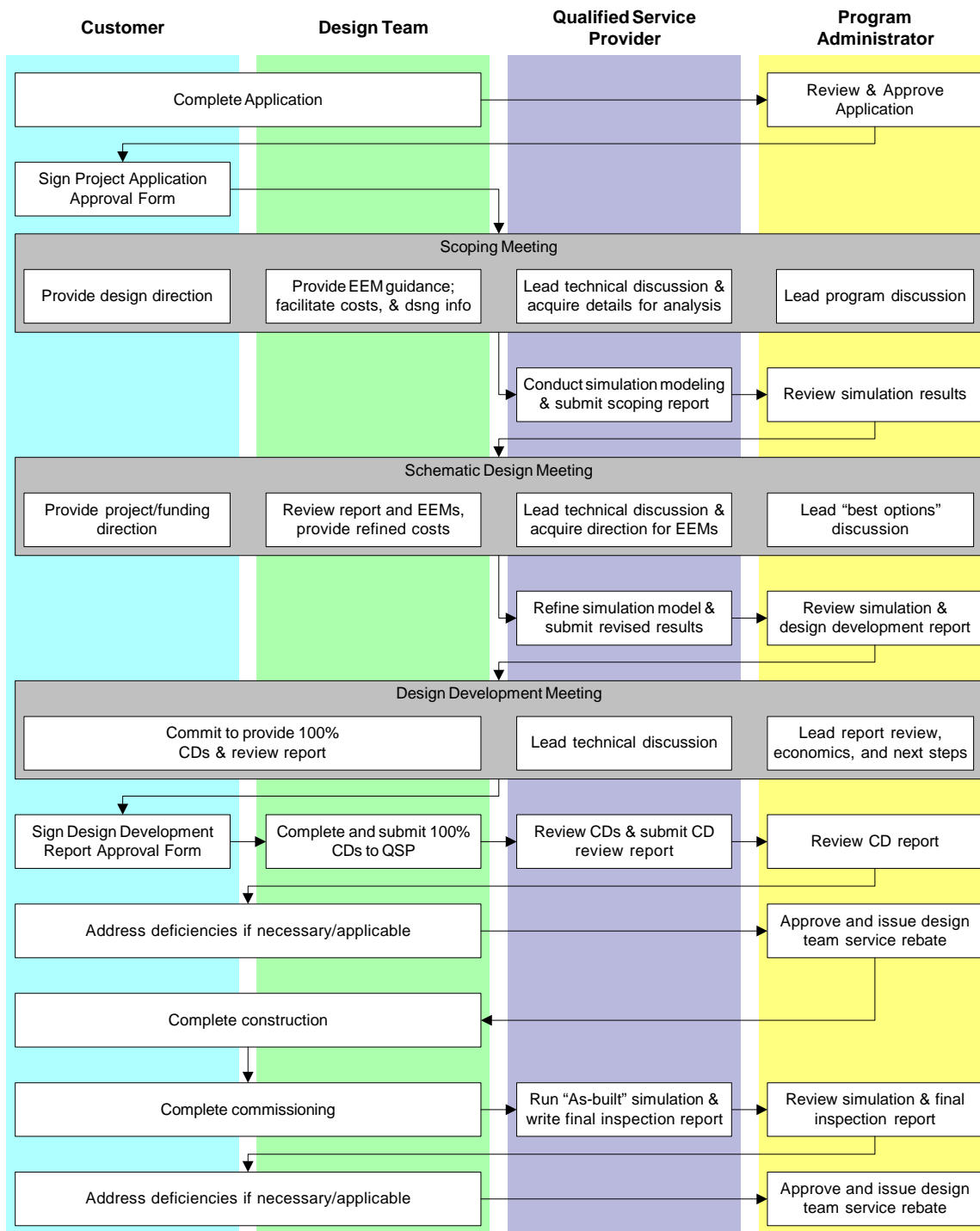


Figure 4-1: New Construction Solutions Participation Process Overview

For purposes of this program, commissioning includes verification that the installed EEMs are operating as modeled and is required to receive the full building owner equipment rebate. This helps to ensure that the predicted energy savings are being achieved and that the system’s operation and performance has been optimized. In the energy analysis report, SRP will provide a commissioning plan for the owner to complete once the building is constructed and all systems are operational. Some measures may require commissioning during the cooling or heating seasons. The plan outlines functional testing requirements as well as trending parameters to ensure the systems operate as intended.

Since the commissioning phase of this project is the owner’s responsibility, they can either hire their own contractor to perform the commissioning per the Commissioning Plan in the Design Development Report or contract separately with the QSP to provide these services. The owner may choose to opt-out of the commissioning requirement, however, the building owner equipment rebate will be reduced by 25%.

5.1 AFFECTED SYSTEMS

Table 5-1 is a summary table of example measures that typically require commissioning and other measures that do not require commissioning. The performance can be verified for the measures that do not require commissioning by obtaining a copy of the submittal from the installing contractor and field verifying that the systems were installed per the submittal.

Table 5-1: Example Measure Commissioning Requirements

Measures that require Commissioning	Measures that do not require Commissioning
Air handlers with advanced controls	Building envelope measures
Indirect/direct evaporative cooling systems	Premium efficiency motors
Central plants	High efficiency lighting
Daylighting controls	Cool roof

5.2 COMMISSIONING FEE

The commissioning fee is the responsibility of the owner. The QSP is required to provide the estimated commissioning costs for each EEM that requires commissioning and to include those costs in the Design Development Report. However, the final fee is to be negotiated with the owner and commissioning agent of their choice.

A sample copy of the PowerWise New Construction Solutions Project Application is provided in this appendix.



Application Instructions

SRP's PowerWise New Construction Solutions program aims to foster integrated building design and electric efficiency for new construction projects. This application packet contains the forms and instructions necessary to request energy analysis/design assistance services funded by SRP's PowerWise New Construction Solutions program.

This application packet contains the following parts:

- General Information
- Proposed Facility Details
- Terms and Conditions

To participate in this rebate program, please review the following steps:

1. **Read** the Terms and Conditions included in this packet.
2. **Complete** the following pages included with this application packet:
 - **General Information** – Include all required customer and account information.
 - **Proposed Facility Details** – Include information with regards to the proposed facility.
3. **Sign** the Terms and Conditions page.
4. **Retain** a copy of the completed application. Submitted applications will become the property of SRP.
5. **Submit** the completed application and required documentation to:

SRP PowerWise New Construction Solutions

PMB 192

4802 E Ray Rd Ste 23

Phoenix, AZ 85044-6417

Fax: (480) 345 – 7601

Email: savewithsrpbiz@srpnet.com

For More Information. For more information about the PowerWise New Construction Solutions program, measure eligibility, rebates, or other SRP programs please contact us:

- Online at www.savewithsrpbiz.com
- By phone at (602) 236-3054
- By email at savewithsrpbiz@srpnet.com

General Information

Important: Please allow 21 days for application review following complete documentation submittal. Ineligible or incomplete applications will not be approved.

Customer Information

Business name (as it appears on SRP Bill)

SRP Account number(s) if known

Proposed facility address City State Zip

Federal Tax Id Number (must be 9 digits) Business Classification (Check ONE. Required for all businesses, including non-profits)

Contact name Contact phone number Contact fax number Email

Contact address (if different from the installation address) City State Zip

How did you hear about SRP's PowerWise New Construction Solutions? If other, please specify:

Proposed Facility Information

Project Name :

Primary building use (indicate percentages if multiple types)

- Automotive Facility, Convention Center, Court House, Dining: Bar Lounge/Leisure, Dining: Cafeteria/Fast Food, Dining: Family, Dormitory, Exercise Center, Gymnasium, Health Care - Clinic, Hospital, Hotel, Library, Manufacturing Facility, Motel, Motion Picture Theater, Multi-Family Housing, Museum, Office, Parking Garage, Penitentiary, Performing Arts Theater, Police/Fire Station, Post Office, Religious Building, Retail, School/University, Sports Arena, Town Hall, Transportation, Warehouse, Workshop, Other

Building size (sq. ft.):

Number of Floors:

Percent Conditioned:

Percent Owner Occupied:

Proposed occupancy schedule

M-F

Saturday

Sunday

Proposed Facility Information, continued

Schematic design completion date: _____

Design development completion date: _____

Construction document completion date: _____

Construction commencement date: _____

Construction completion date: _____

Occupancy date: _____

Will the project be served by a central heating plant? Yes No Don't Know

Will the project be served by a central cooling plant? Yes No Don't Know

Will building be occupied in the summer? Yes No Don't Know

Will building be used year round? Yes No Don't Know

Are project drawings available? Yes No Don't Know

Does daylighting potential exist? Yes No Don't Know

Is the project scope limited to Core & Shell? Yes No Don't Know

Will this project be seeking LEED Certification? Yes No Don't Know

Are you seeking Design Assistance Services from SRP? Yes No Don't Know

Are there specific areas where the Design Team initially feels energy savings may be possible?

Are there any areas where energy saving potential may be limited?

Special considerations or other comments?

SAMPLE
DO NOT COMPLETE

Design Team Information

Architectural Firm

Contact name Contact phone number Contact fax number Email

Mechanical Engineer

Contact name Contact phone number Contact fax number Email

Electrical Engineer

Contact name Contact phone number Contact fax number Email

Lighting Designer

Contact name Contact phone number Contact fax number Email

General Contractor

Contact name Contact phone number Contact fax number Email

Development Company

Contact name Contact phone number Contact fax number Email

Owner's Representative

Contact name Contact phone number Contact fax number Email

Other (identify role)

Contact name Contact phone number Contact fax number Email

SAMPLE
DO NOT COMPLETE

Terms and Conditions

SRP is implementing the PowerWise New Construction Solutions program to provide customers with technical services and rebates to improve electrical energy-efficiency in qualifying new SRP-served facilities. The following terms and conditions apply to the program:

1. To qualify for the PowerWise New Construction Solutions program, the proposed facility must:
 - a. Be a SRP non-residential electric customer on an eligible pricing plan.
 - b. Abide by the program rules, eligibility requirements, and rebate levels in effect on the date of the submitted Project Application.
 - c. Provide a valid tax identification number.
2. Failure to provide any of the required information, including signatures, forms, or other requested documentation, will result in the return of the Project Application.
3. Customers will be limited to \$200,000 in rebates for technical services and equipment installed and approved by April 30, 2012 through the FY12 PowerWise New Construction Solutions program, and an overall rebate cap of \$300,000 per customer from participation in all FY12 energy efficiency programs offered by SRP. SRP and its agents will not be responsible for any tax liability imposed on the customer as a result of the payment of rebates.
4. For the purposes of SRP's energy efficiency programs, a customer is defined as a company or organization that receives electric service from SRP under an approved SRP price plan. A customer is a holder of a single account, multiple accounts in aggregate or corporate accounts. Multiple accounts or corporate accounts with a single SRP customer identification number will be considered a single customer. An organization of this type can participate in multiple efficiency programs, but will be subject to any applicable customer rebate caps. SRP retains the right to make final determination of customer eligibility.
5. SRP will submit to Customer the name(s) and contact information for the Qualified Service Provider (QSP) SRP recommends provide the design assistance services. The final decision to proceed under the program and use of such persons will be subject to the approval of Customer.
6. Customer agrees to have its employees, design team, and contractors cooperate with SRP and the approved QSP to provide Facility operating data and energy use evaluation assistance needed by SRP for participation in the program.
7. SRP reserves the right to inspect the facility for compliance with the program requirements. Inspection may include a telephone survey, site visit, and/or the installation of temporary monitoring equipment at any time up to two years after installation. Customers will allow SRP and their subcontractors reasonable access to and egress from site during normal business hours for inspection purposes. If selected for inspection, the rebate will be withheld pending outcome of the inspection. If the equipment is found to be in compliance with the program requirements, the rebate will be paid. If the equipment is not in compliance, the customer will be notified.
8. SRP, Nexant, and its QSPs shall have no responsibility for the discovery, presence, handling, removal or disposal of, or exposure of persons to hazardous materials of any kind in connection with the Facility including, but not limited to, asbestos, asbestos products, PCBs, or other toxic substances.
9. Program procedures, requirements, and rebate levels are subject to change or cancellation without notice.
10. SRP makes no representations and provides no warranty or guaranty with respect to the accuracy or completeness of the provided technical support services.
11. Participation as a QSP does not constitute an endorsement by SRP, nor does it certify or guarantee the quality of work performed. SRP is not responsible if the QSP or other contractor, retailer, vendor or other party provides you with inaccurate information about the amount or conditions of the program.
12. In exchange for any approved equipment and/or service rebates for energy efficiency measures, the customer hereby sells, transfers and conveys to SRP all Environmental Attributes and Environmental Attributes Reporting Rights, as such terms are defined below, associated with the energy savings attributable to the qualifying measure(s) or its operation. "Environmental Attributes" means those aspects, claims, characteristics and benefits of avoided energy use associated with the measure(s), as well as any and all fuel, emissions, air quality, or other environmental characteristics, including, but not limited to, white and green energy tags, renewable energy credits, energy efficiency credits, carbon credits, or certificates attributable to the energy savings or avoided use associated with the qualifying measure(s). "Environmental Attributes Reporting Rights" means all rights to report ownership of the Environmental Attributes to any person or entity under Section 1605(b) of the Energy Policy Act of 1992, any successor or replacement statutes, or otherwise.
13. The terms and conditions set forth herein constitute a complete statement of the Terms and Conditions applicable to this promotion, and supersede all prior representations or understandings, whether written or oral. SRP shall not be bound by or be liable for any statement, representation, promise, inducement or understanding of any kind that is not set forth herein. SRP reserves the right to change or cancel this promotion or its terms and conditions at any time.

Customer Signature

Under penalties of perjury, I hereby certify by my signature below that:

- I have read and understand all Terms and Conditions of this form and the customer eligibility, measure eligibility, and participation procedures for the FY12 PowerWise New Construction Solutions program in the Participant Program Manual.
 - I certify as the building owner or the owner’s authorized representative that all the information contained within this application is true and factual.
 - I am 1) providing a correct taxpayer identification number on this form, 2) not subject to backup withholding, and 3) am a US person (including US Resident Alien).
 - If I have completed a fraudulent application or mistakenly receive an amount greater than I was authorized to receive, I will refund the money back to SRP.
 - The undersigned applicant shall defend, protect, indemnify and hold harmless SRP, Nexant Inc., and their respective board members, officers, directors, managers, associates, related firms and entities, employees, servants, and agents (the “Indemnified Parties”) against all claims, losses, expenses, damages, demands, judgments, causes of action, suits, and liability of every kind and character whatsoever (“claims”) arising out of or incident to, or related in any way to, directly or indirectly, participation in the PowerWise New Construction Solutions program; provided however, that applicant shall not be required to indemnify and hold harmless any Indemnified Party member against claims adjudicated to have been caused by such party’s gross negligence or willful misconduct.
 - As the signatory, I have the authority to submit the Project Application
- By typing my name in the signature space below, I understand this is my electronic signature, and I agree this will represent the same as my handwritten signature.

Business Name _____

Signature _____

Date _____

Name (please print) _____

Title _____

Application Checklist

Before submitting this application please verify the following:

- Did you read and understand the eligibility requirements in the Program Manual?
- Are all required fields completed and accurate?
- Did you sign the Terms and Conditions form?

SEND COMPLETED PROJECT APPLICATIONS TO:

SRP PowerWise New Construction Solutions

4802 E Ray Rd Ste 23, PMB 192

Phoenix, AZ 85044-6417

Fax: (480) 345-7601

Email: savewithsrpbiz@srpnet.com

Appendix B

Sample Project Application Approval Form

A sample copy of the Project Application Approval Form is provided in this appendix.



Project Application Approval

Important: Receipt of this form indicates that Customer has been approved to participate in SRP's PowerWise New Construction Solutions program. Please sign and return this form by the stated deadline to indicate your approval of the identified Qualified Service Provider (QSP) and terms and conditions associated with the payment of any eligible Design Team Service Rebate.

Customer: _____

Customer contact name: _____

Customer contact phone/email: _____

Facility address: _____

Assigned QSP: _____

QSP contact name: _____

QSP contact phone/email: _____

Deadline for customer acceptance: _____

Terms and Conditions

These Terms and Conditions outline the requirements under which a firm fixed payment ("the Design Team Service Rebate" to the Design Professional for including Recommended Energy Efficiency Measures (EEMs) in the construction documents for the customer's planned facility will be paid. To the extent that SRP determines (in its sole opinion) that the Design Professional has not cooperated in the PowerWise New Construction Solutions program, some or all of the Recommended EEMs have not been included in the 100% Construction Documents or have not been designed in a satisfactory manner or the terms and conditions of Design Team Service Rebate have not been met, the Design Professional shall not be eligible for the Design Team Service Rebate

1. Payment is provided to a single entity (Design Professional). It is the Design Professional's responsibility to determine the disbursement of monies (if any) between the various parties on the design team. Any eligible rebate amount should be paid to:

Design Professional Name

Attention

Mailing address

City State Zip

Terms and Conditions, continued

2. To qualify for the Design Team Service Rebate, the Design Professional must:
 - 2.1 Reasonably cooperate to ensure the services provided hereunder are completed in a timely and cost-effective manner. These efforts may include, but are not limited to, the following:
 - Attending design assistance meetings
 - Providing basis of design and information requested as part of this process
 - Reviewing EEMs
 - Calculating costs of EEMs
 - Submitting Construction Documents for review
 - Supporting other tasks directly related to the PowerWise New Construction Solutions program
 - 2.2 Notify SRP of any changes or change orders issued to contractors or installers that materially affect the 100% Construction Documents or the Recommended EEMs to be installed in the Facility.
 - 2.3 Not later than [date] provide SRP with 100% Construction Documents for review.
 - 2.4 Permit SRP or SRP's consultant to review the 100% Construction Documents and confirm the design of the Recommended EEMs.
 - 2.5 Agree that SRP has the right to request any other reasonable documentation or verification of design intent of the Recommended EEMs, including but not limited to documentation from the Customer, contractor, supplier or other vendors.
 - 2.6 If SRP determines (in its sole discretion) that all of the Recommended EEMs have been included in the 100% Construction Documents in a satisfactory manner, Design Professional shall be eligible for a Design Team Service Rebate of \$[amount]. This amount is based on the total square footage of the combined project as determined by SRP.
 - 2.7 To the extent that SRP determines (in its sole discretion) that the Design Professional has not cooperated in the PowerWise New Construction Solutions program, some or all of the Recommended EEMs have not been included in the 100% Construction Documents or have not been designed in a satisfactory manner, the Design Professional shall not be eligible for the Design Team Service Rebate.
 - 2.8 If the combined project size changes, SRP (in its sole discretion) may revise the Design Team Service Rebate and provide notification to the Design Professional in writing.
3. SRP and its agents will not be responsible for any tax liability imposed on the customer as a result of the payment of rebates.
4. Attorneys' Fees. If arbitration or litigation is commenced by either party to enforce or interpret any of the provisions of these terms and conditions, the prevailing party shall be entitled to recover reasonable costs and attorneys' fees at the arbitration, at trial, on appeal, and on any petition for review.
5. Disputes/Governing Law. These terms and conditions shall be exclusively governed by and interpreted in accordance with the laws of the state of Arizona. Any litigation between the parties shall be prosecuted only in the state or federal courts of the state of Arizona.
6. The terms and conditions set forth herein for the payment of any applicable Design Team Service Rebate are in addition to those listed on the PowerWise New Construction Solutions Project Application.

Customer Signature

Under penalties of perjury, I hereby certify by my signature below that:

- I am 1) providing a correct taxpayer identification number, 2) not subject to backup withholding, and 3) am a US person (including US Resident Alien).
- If I have completed a fraudulent application or mistakenly receive an amount greater than I was authorized to receive, I will refund the money back to SRP.
- Assignment of applicable rebates to another party may not affect may tax liability for rebates paid by the program.
- I have read and understand all Terms and Conditions on the PowerWise New Construction Solutions Project Application Approval, and the customer eligibility, measure eligibility, and participation procedures for the PowerWise New Construction Solutions program in the Participant Program Manual.
- I agree to participate in and support SRP’s PowerWise New Construction Solutions with the QSP listed above.
- As the signatory, I have the authority to approve the Project Application Approval.

By typing my name in the signature space below, I understand this is my electronic signature, and I agree this will represent the same as my handwritten signature.

Business Name _____

Signature _____ Date _____

Name (please print) _____

Title _____

SAMPLE

DO NOT COMPLETE

SEND COMPLETED PROJECT APPLICATION APPROVALS TO:

SRP PowerWise New Construction Solutions

PMB 192

4802 E Ray Rd Ste 23

Phoenix, AZ 85044-6417

Fax: (480) 345-7601

Email: savewithsrpbiz@srpnet.com

Appendix C Sample Design Development Report Approval Form

A sample copy of the Design Development Report Approval Form is provided in this appendix.



Design Development Report Approval

Important: Receipt of this form indicates that the Design Development Report for SRP’s PowerWise New Construction Solutions has been completed and SRP has identified and recommended the incorporation of Recommended Energy Efficiency Measures (“Recommended EEMs”) to improve the efficiency of the Customer's use of electricity.

Customer: _____

Customer contact name: _____

Customer contact phone/email: _____

Facility address: _____

Deadline for customer acceptance: _____

Terms and Conditions

These Terms and Conditions outline the requirements under which a firm fixed payment (the Building Owner Equipment Rebate”) for the installation of Recommended EEMs at the customer’s planned facility will be paid. To the extent that SRP determines (in its sole discretion) that the Customer has not cooperated in the PowerWise New Construction Solutions program or the terms and conditions of Building Owner Equipment Rebate have not been met, the Customer shall not be eligible for the Building Owner Equipment Rebate.

1. Payment is provided to a single entity. Any eligible rebate amount should be paid to:

Business Name

Attention

Mailing address

City

State

Zip

2. Definitions:

2.1 “Commissioning” shall mean the process of verifying and documenting that the performance of Recommended EEMs meets the design intent and Customer’s operational requirements.

2.2 “Recommended EEMs” shall mean the EEMs specified in the attached Exhibit A.

2.3 “Core and Shell” (CS) projects are projects where the building owner/developer has direct control over the design and construction of the entire core and shell base building systems, but limited or no control over the design and construction of the tenant “fit-out”. Examples of such project types are: commercial and medical office buildings, retail centers and lab facilities.

SAMPLE
DO NOT COMPLETE

Terms and Conditions, continued

3. Customer Obligations. Customer shall:
 - 3.1 Provide a valid tax identification number.
 - 3.2 Install the Recommended EEMs no later than _____ (the "Required Completion Date")
 - 3.3 Notify SRP of any changes or change orders issued to contractors or installers that materially affect the Recommended EEM savings specified in Exhibit A prior to their installation.
 - 3.4 Not later than the Required Completion Date,
 - 3.4.1 For CS projects where the customer wishes to take energy savings credit for tenant related EEMs that have yet to be designed or installed in the CS project phase: Provide documentation in the form of tenant lease agreement(s), tenant "fit-out" design specifications and requirements indicating that all EEMs accepted in this project and applicable to tenant "fit-out" shall be included in the tenant "fit-out" and are mandatory per the terms of any lease agreement, existing and future.
 - 3.4.2 Properly install or cause to be properly installed the Recommended EEMs listed in Exhibit A.
 - 3.4.3 Provide SRP with a written notification stating the Recommended EEMs are installed and operational.
 - 3.5 Not later than one year after the Required Completion Date,
 - 3.5.1 Commission or cause to be properly Commissioned the Recommended EEMs in accordance with SRP guidelines.
 - 3.5.2 Provide SRP with Commissioning submittals.
 - 3.6 Agree that the Recommended EEMs specified will not be eligible for any other SRP Rebates. Accordingly, the Customer shall not apply for any other SRP rebates with respect to these Recommended EEMs at any time before or after the Required Completion Date.
4. If SRP determines (in its sole discretion) that all of the Recommended EEMs have been installed and Commissioned in a satisfactory manner, Customer shall be eligible for an estimated maximum Rebate of \$ _____ (the "Estimated Maximum Rebate"). The Estimated Maximum Rebate is based on the total estimated Recommended EEM annual electric energy savings. Recommended EEM electric energy savings estimates are subject to SRP approval. SRP or its consultant shall inspect Customer's Facility to determine if proper installation of the Recommended EEMs has been completed at Customer's Facility. SRP and its agents will not be responsible for any tax liability imposed on the customer as a result of the payment of rebates.
5. SRP will review and approve final Recommended EEM projected annual electric savings. The final Rebate ("Final Rebate") paid is based on actual approved Recommended EEM electric energy savings for installed Recommended EEMs. The Final Incentive paid shall be no more than 20% of the Estimated Maximum Rebate.
6. To the extent that SRP determines (in its sole discretion) that all of the Recommended EEMs have not been installed and Commissioned or that some Recommended EEMs have not been installed and Commissioned in a satisfactory manner, Customer shall not be eligible for the Estimated Rebate Incentive. In such event, SRP shall recalculate a reduced Final Incentive if any, based on the actual Recommended EEMs installed and Commissioned in a satisfactory manner, using the same methodology that SRP previously used to calculate the Estimated Maximum Rebate.
7. Required EEM Commissioning may be omitted by the Customer and, if the Customer so elects, the Final Incentive will be reduced by 25%. Recommended EEMs where the Customer has elected to omit Commissioning which are later Commissioned are not eligible for an additional rebate.
8. Customer shall independently evaluate any advice or direction given by SRP related to estimates of electricity savings or the cost, selection or installation of EEMs. SRP shall not be liable for the failure of customer to achieve a specified amount of energy savings, the operation of customer facilities, or any incidental or consequential damages of any kind in connection with this program or the installation of recommended EEM's, and in no event shall SRP's liability exceed any obligation to pay the incentive for which customer is eligible under this program.

Terms and Conditions, continued

9. In exchange for any approved equipment and/or service rebates for energy efficiency measures, the customer hereby sells, transfers and conveys to SRP all Environmental Attributes and Environmental Attributes Reporting Rights, as such terms are defined below, associated with the energy savings attributable to the qualifying measure(s) or its operation. "Environmental Attributes" means those aspects, claims, characteristics and benefits of avoided energy use associated with the measure(s). "Environmental Attributes" shall mean any and all fuel, emissions, air quality, or other environmental characteristics, including white and green energy tags, renewable energy credits, energy efficiency credits, carbon credits, or certificates attributable to the energy savings generated by the qualifying measure(s). "Environmental Attributes Reporting Rights" shall mean all rights to report ownership of the Environmental Attributes to any person or entity under Section 1605(b) of the Energy Policy Act of 1992, any successor or replacement statutes, or otherwise.
10. Attorneys' Fees. If arbitration or litigation is commenced by either party to enforce or interpret any of the provisions of these terms and conditions, the prevailing party shall be entitled to recover reasonable costs and attorneys' fees at the arbitration, at trial, on appeal, and on any petition for review.
11. Disputes/Governing Law. These terms and conditions shall be exclusively governed by and interpreted in accordance with the laws of the state of Arizona. Any litigation between the parties shall be prosecuted only in the state or federal courts of the state of Arizona.
12. The terms and conditions set forth herein for the payment of any applicable Building Owner Equipment Rebate are in addition to those listed on the PowerWise New Construction Solutions Project Application and PowerWise New Construction Project Application Approval Form.

Customer Signature

Under penalties of perjury, I hereby certify by my signature below that:

- I am 1) providing a correct taxpayer identification number, 2) not subject to backup withholding, and 3) am a US person (including US Resident Alien).
- If I have completed a fraudulent application or mistakenly receive an amount greater than I was authorized to receive, I will refund the money back to SRP.
- Assignment of applicable rebates to another party may not affect my tax liability for rebates paid by the program.
- I have read and understand all Terms and Conditions on the PowerWise New Construction Solutions Design Development Report Approval form, and the customer eligibility, measure eligibility, and participation procedures for the PowerWise New Construction Solutions program in the Participant Program Manual.
- As the signatory, I have the authority to approve the Design Development Report Approval form.

By typing my name in the signature space below, I understand this is my electronic signature, and I agree this will represent the same as my handwritten signature.

Business Name _____

Signature _____ Date _____

Name (please print) _____

Title _____

SEND COMPLETED DESIGN DEVELOPMENT REPORT APPROVAL FORMS TO:

SRP PowerWise New Construction Solutions
 4802 E Ray Rd Ste 23, PMB 192
 Phoenix, AZ 85044-6417
 Fax: (480) 345-7601
 Email: savewithsrpbiz@srpnet.com

EXHIBIT A

Design Development Report

Cover Sheet Only
Attach Report

SAMPLE
Do Not Complete

SRP offers a range of energy efficiency opportunities to help non-residential customers save energy and money. Reduced energy costs, technical assistance, and/or incentives are available for qualifying customers. A summary of other available non-residential energy efficiency programs is provided below. Additional information regarding eligibility requirements, rebates, and participation processes is available at www.savewithsrpbiz.com or by contacting the Program Administrator.

PowerWise Standard Business Solutions

The PowerWise Standard Business Solutions program promotes the purchase of industry-proven, high-efficiency equipment. Rebates serve to buy down the difference between the cost of high-efficiency and standard equipment, thereby making the high-efficiency equipment a more attractive option for customers. Rebates are available for qualifying lighting, HVAC, ECM motors, variable speed drive (VFD), compressed air, and refrigeration measures.

PowerWise Custom Business Solutions

The PowerWise Custom Business Solutions program provides a comprehensive platform for cost-effective non-residential energy efficiency projects not addressed by the PowerWise Standard Business Solutions program. One of the primary goals of the program is to obtain verifiable, cost-effective and persistent electrical energy savings that result from the installation of energy efficiency measures.

In addition to equipment rebates, SRP offers eligible customers the opportunity to receive a preliminary and technical energy efficiency assessment performed by a Qualified Service Provider (QSP). Customers eligible for these assessments include those provided electricity on an E-60 services price plan, or with installed compressed air systems of 100 HP or larger. Under this program, these assessments assist customers in the identification and evaluation of potential energy efficiency improvements. Specifically, pre-approved preliminary assessments up to \$3,000 in cost will be funded by SRP to conduct an initial assessment of savings and economic potential of identified systems or projects. More in-depth pre-approved technical assessments, co-funded by SRP at a 50% match up to \$15,000 per customer per year, will provide specific measure details and estimates of costs, energy savings, and financial returns. The remaining eligible 50% cost of the technical assessment, up to \$15,000, will be paid by SRP for customers that submit an eligible Installation Notice for a measure(s) that meets the customer's minimum economic criteria for investment.

PowerWise Retrocommissioning Solutions

PowerWise Retrocommissioning Solutions is designed to help customers achieve demand and energy savings in commercial and industrial facilities. Savings are realized through the systematic evaluation of facility systems and customer's implementation of cost-effective measures targeted to improve facility operation that, in many cases, also improve occupant comfort and production efficiency.

Program participants are commercial and industrial facility owners who have demonstrated a commitment to spend \$10,000 or more to implement identified retrocommissioning measures with an estimated total project simple payback of two years or less based upon electric savings.

PowerWise New Construction Solutions

The New Construction Solutions program provides technical assistance and financial rebates to help architects, engineering professionals, and building owners optimize energy and demand savings, and reduce operating costs in commercial new construction projects.

The program employs a whole building performance-based strategy that fosters an integrated design approach with the project's design team starting during the project's conceptual phase. Early involvement combined with the comprehensive interaction of key project stakeholders affords the opportunity to cost-effectively evaluate and

incorporate efficiency strategies while design components are still fluid. The program is designed to be scalable for projects of varying size and flexible to grow with customer needs.

PowerWise Small Business Solutions

The PowerWise Small Business Solutions program promotes the purchase of high-efficiency lighting in small commercial and industrial facilities. Free audits are available to qualifying customers to help identify lighting efficiency opportunities. Rebates are also available to pre-approved installation contractors to buy down the difference between the cost of high-efficiency lighting and standard lighting, thereby making the high-efficiency equipment a more attractive option for customers. Rebates are available for qualifying lighting measures.

A brief listing of energy efficiency resources available on the Web is provided below.

- AHRI Online Directory of Certified Equipment. The Air Conditioning, Heating and Refrigeration Institute (AHRI) is a national trade association of HVAC equipment manufacturers. A publicly available online directory lists detailed equipment information for all certified equipment. (www.ahridirectory.org)
- Air Conditioning Contractors of America (ACCA). The ACCA is a non-profit organization representing HVAC contractors in the U.S. Current industry information and resources are available from their web site. (www.acca.org)
- Consortium for Energy Efficiency (CEE). CEE is a non-profit organization that develops national initiatives to promote the manufacture and purchase of energy-efficient products and services. (www.cee1.org)
- Department of Energy – Energy Efficiency and Renewable Energy (EERE). EERE provides information for consumers on a wide range of energy efficiency topics. (www.eere.energy.gov)
- ENERGY STAR. ENERGY STAR is a government-backed program designed to help consumers increase their energy efficiency. (www.energystar.gov)
- Electrical Apparatus Service Association, Inc. (EASA). EASA provides its members with current information on materials, equipment, and technological advances in the electromechanical industry. (www.easa.com)
- Motor Decisions Matter. Motor Decisions Matter is a nation program encouraging proper motor selection and management. The program is supported by a number of industry trade groups and orchestrated by the Department of Energy's Office of Industrial Technologies. (www.motorsmatter.org)
- National Electrical Manufacturers Association (NEMA). The Motor and Generator section of NEMA has developed an industry standard for premium efficiency motors. (www.nema.org)
- US Green Building Council (USGBC). USGBC is composed of more than 13,500 organizations from across the building industry that are working to advance structures that are environmentally responsible, profitable, and healthy places to live and work. (www.usgbc.org)

What happens if my project cannot achieve the 10% savings threshold?

The project will be transferred to either the PowerWise Standard Business or Custom Business Solutions program. If the 100 % construction documents do not achieve the 10% savings target, the design team reimbursement will also be forfeited.

Are there any examples of anomalies with the ASHRAE Appendix G baseline selection?

Design teams may opt to install air-cooled chilled water systems for buildings which require a packaged DX VAV system baseline. In this particular case, the overall energy consumption of the proposed high efficiency air cooled chiller combined with the additional chilled water pumping energy exceeds the baseline mechanical system's energy consumption. In these instances the energy consultant may need to recommend that the design team pursue a water cooled chilled water plant or install a high efficiency packaged VAV system that exceeds code.

What types of facilities are eligible to participate in New Construction Solutions?

Facilities where the majority of the systems are subject to ASHRAE Standard 90.1-2004 are eligible to participate in SRP's PowerWise New Construction Solutions. Facilities that are primarily composed of non-code compliant systems are not eligible for building owner or design team reimbursement rebates through PowerWise New Construction Solutions. However, these projects may be eligible for rebates through SRP's PowerWise Standard Business or Custom Business Solutions programs.

How would a facility which has both code and non-code compliant systems participate under SRP's programs?

The code compliant measures such as HVAC, envelope, building controls, and lighting would be eligible for participation in PowerWise New Construction Solutions. Measures which are not subject to ASHRAE Standard 90.1-2004 (refrigeration, computer room cooling, etc) would be routed through the PowerWise Standard Business or Custom Business Solutions programs. The baseline energy consumption for non-code compliant systems is based upon industry standard practice. Efforts will be made to provide technical assistance and rebates for all eligible measures by SRP. For more information please contact the Program Administrator.

What if the design team's assumptions vary significantly from typical values such as plug loads, internal loads, occupancy?

Assumptions used by the design team should be evaluated by the design team. When values vary significantly from industry standard, efforts should be made to confirm them with the design team and the owner. If valid arguments can be made for the design team's assumptions and are deemed appropriate for the program, the values should be documented in the respective reports.

Are there any rebate caps?

There are two rebate caps are applicable to all customers and applications:

- Total rebates disbursed through PowerWise New Construction Solutions to a single customer cannot exceed \$200,000 during the FY12 Program Year (May 1, 2011 through April 30, 2012)
- Total rebates through all of SRP's PowerWise Business Solutions offerings to a single customer cannot exceed \$300,000 during the FY12 Program Year

For the purposes of SRP's energy efficiency programs, a customer is defined as a company or organization that receives electric service from SRP under an approved SRP price plan. A customer is a holder of a single account, multiple accounts in aggregate or corporate accounts. Multiple accounts or corporate accounts with

SRP customer identification number will be considered a single customer. An organization of this type can participate in multiple efficiency programs, but will be subject to any applicable customer caps.

Can customers with multiple facilities aggregate them together to meet minimum facility size requirements?

Aggregation of multiple customer sites may be allowed in special circumstances (e.g. different facilities with the same floor plan and mechanical system, or campus-type locations served by a single central plant). Customers should contact the Program Administrator to discuss the eligibility of their facility before completing a Project Application if there are any questions.

Are customers eligible to participate in SRP's other energy efficiency programs and PowerWise New Construction Solutions at the same time?

Yes, but individual measures may only receive rebates under one program. Measures identified for implementation under PowerWise New Construction Solutions are **not** eligible for rebates under other program offerings.

Where can I find out more about this program?

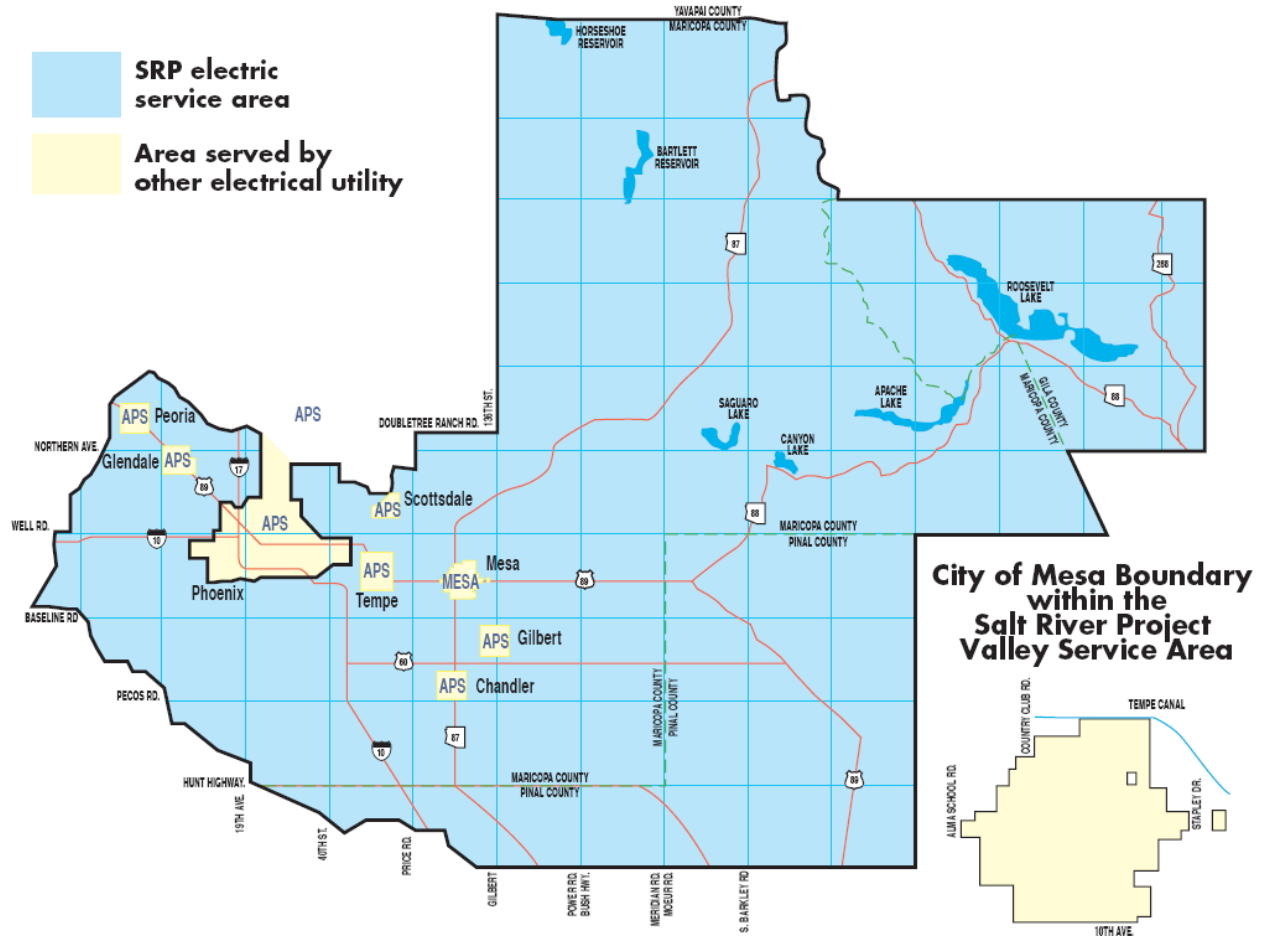
Customers can learn more about the PowerWise New Construction Solutions program and other SRP programs in the following ways:

- Web
 - www.savewithsrpbiz.com
- Telephone
 - Customer informational hotline: (602) 236-3054
- Fax
 - (480) 345-7601
- Email
 - Customer inquiries: savewithsrpbiz@srpnet.com
 - Qualified Service Provider inquiries: QSPSupport@srpnet.com
- Mail
 - SRP PowerWise New Construction Solutions
PMB # 192
4802 E Ray Rd Ste 23
Phoenix, AZ 85044-6417

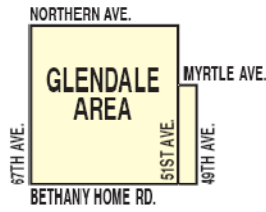
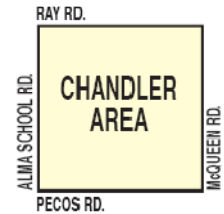
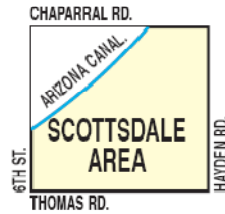
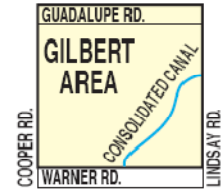
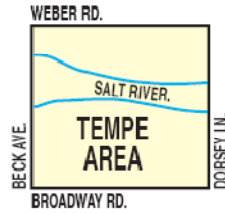
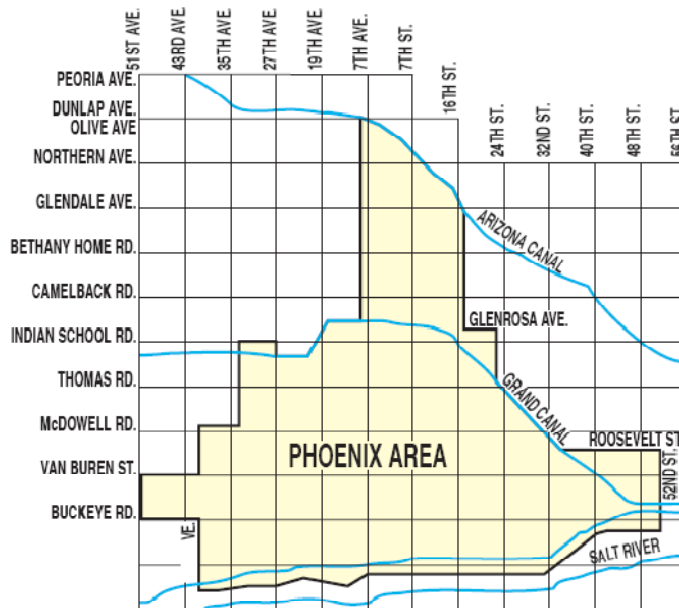
Appendix G

Service Territory Map

An illustration of SRP's service area is provided below. A more detailed map of SRP service area is available by contacting the Program Administrator.



APS Boundaries within the Salt River Project Valley Service Area





Customer hotline: (602) 236-3054

Qualified Service Provider hotline: (602) 236-1611

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