



### Program Application

Applications for fiscal year 2021 projects can be submitted until Monday, September 1, 2020. Please complete all fields and use extra sheets, if necessary. The application must be completed, signed, and returned before it can be reviewed and considered for funding.

#### A. APPLICANT INFORMATION

Applicant Entity:		Federal TIN:
Address:	City:	State, Zip:
Technical Contact:	Phone:	Email:
Administrative Contact:	Phone:	Email:
Agreement Signatory:	Phone:	Email:

#### B. PROJECT PROPOSAL

Project Title:		Project Location:
Work Start Date:	Work Completion Date:	
Project summary:		



Energy Efficiency  
Energy Smart Reserved Power 

Project summary continued (add info in section F or attach extra sheets if necessary):

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Current System (operational baseline):

Proposed System (finished state):

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Empty rectangular box for describing the proposed system (finished state).



**C. PROJECT SAVINGS AND VERIFICATION**

Estimated annual site energy savings (kWh/yr):		Estimated annual water savings (acre ft):	
Basis for energy savings (include all pump data and electric savings calculations):		Basis for water savings (include all assumptions and calculations):	
Energy cost savings (kWh times power rate):	Water cost savings (acre-feet/yr saved times cost of water):	Operations & Maintenance cost savings per year:	
Non-energy benefits (reduced O&M expenses, reduced fertilizer use, or positive environmental benefits):			



Energy Efficiency  
**Energy Smart Reserved Power** 

Savings Verification Plan (include details on how the energy and/or water savings will be measured and verified once the project has been completed. Measurement and verification plans may require modification to meet BPA requirements. Guidance is available online in BPA's M&V Protocol Selection Guide and Example M&V Plan): (add info to Section F or attach a separate sheet if necessary)

Table 1. Project Measure Life (select all that apply)

Measure	Life (Yrs.)
Pumps and fans	10
Canal lining and piping	30
Reduce pumping plant friction loss	15
Reduce system lift	10
System water delivery improvements	5
Lighting	12
Thermostats	5
Windows and insulation	30
HVAC: Heat pumps (air-source, water-source, and ductless); rooftop units; improvements to centrifugal, reciprocating, rotary screw and scroll chillers; improvements to economizer, fan, pump and variable refrigerant flow systems	15

Table 2. Incentive Rate by Measure Life

Measure Life (years)	\$/kWh
1	\$0.03
2-3	\$0.05
4-19 Retrofit	\$0.25
4-19 Major renovation/New construction	\$0.27
20+	\$0.35



# Energy Efficiency Energy Smart Reserved Power



**D. PROJECT FINANCIAL INFORMATION**

BPA Energy Smart Reserved Power (ESRP) funding is capped at the lesser of a) the total project cost, b) the \$/kWh rate indicated on the Measure Life Table 1 and Table 2 under section C, or c) \$500,000. If your project receives funding from outside sources, these outside funds plus the BPA ESRP funding must be less than or equal to the total project cost.

<i>Incentive Calculation</i>						
a. Total project cost: Include required project studies, in-house labor, materials, any contracted work and other charges. Subtract incentives provided from other sources.						
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; padding: 5px;">b. Energy savings calculated incentive</td> <td style="width: 25%; padding: 5px; text-align: center;">Savings (kWh)</td> <td style="width: 10%; padding: 5px; text-align: center;">X</td> <td style="width: 20%; padding: 5px; text-align: center;">Incentive Rate</td> <td style="width: 20%; padding: 5px; text-align: center;">=</td> </tr> </table>	b. Energy savings calculated incentive	Savings (kWh)	X	Incentive Rate	=	
b. Energy savings calculated incentive	Savings (kWh)	X	Incentive Rate	=		
c. Maximum ESRP incentive:						
Estimated Incentive (lesser of a, b, or c)						

**E. APPLICANT AGREEMENT**

<p>My signature below indicates the following:</p> <ul style="list-style-type: none"> <li>I/We represent a qualifying irrigation district or other entity that uses Federal Reserved or station power.</li> <li>All the information in this application is true and accurate to the best of my knowledge.</li> <li>The work in this proposal has not been initiated at the time of this application.</li> <li>I/We understand our organization/legal entity will need to be registered in BPA's financial system to receive ESRP funding payments and will work with BPA staff to do that.</li> <li>All referenced supporting materials have been provided with this application.</li> <li>I/We will provide BPA staff access to the project site.</li> <li>I/We will provide additional project documentation upon request.</li> <li>I/We understand that changes to the proposal after BPA's acceptance could impact the funding received.</li> <li>I/We understand that eligibility for the Energy Smart Reserved Power program will be determined by BPA.</li> <li>I/We understand I/We must also sign a project-specific agreement and comply with the program terms and conditions to receive ESRP funding from BPA.</li> <li>The project installation associated with this application will be completed before September 30 of the fiscal year in which it is funded, unless otherwise specified in the proposal.</li> </ul>	
Applicant printed name:	Applicant title:
Applicant signature:	Date:

When completed, email your application and supporting documents to: [ESRP@bpa.gov](mailto:ESRP@bpa.gov). Although e-mail applications are preferred, mailed applications will also be accepted. Applications can be mailed to: Bonneville Power Administration, Attn: ESRP Program – PEJC-6, PO Box 3621, Portland OR, 97208-3621.



**F. ADDITIONAL INFORMATION**

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**Additional Information (continued, if needed)**

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