

# ESRP Program Incentive Rate Reference Table

| STANDARD MEASURES   |   | Typical Measure Life (Years)   | Retrofit Incentive Rate (\$ per kWh/saved)  | New Con/ Major Remodel Incentive Rate (\$ per kWh/saved) |
|---|---|--|---|--|
| <b>IRRIGATION</b>   |   |  |   |  |
| <b>Motors/Drives (for irrigation)</b>                       | Custom Motors                                   | 10   | \$0.25                                      | \$0.27   |
|   | Green Motors (Efficient Rewinds)                | <a href="http://www.bpa.gov/energy-and-services/efficiency/industrial/motors">www.bpa.gov/energy-and-services/efficiency/industrial/motors</a> |   |  |
|   | Variable Frequency Drives (Turbine Pump)        | 10   | \$80 per hp                                 | \$80 per hp  |
|   | Variable Frequency Drives (Centrifugal Pump)    | 10   | \$50 per hp                                 | \$50 per hp  |
| <b>Pumping Improvements</b>                                 | New efficient pump                              | 10   | \$50 per hp                                 | \$50 per hp  |
|   | Pump Rebuilds                                   | 10   | \$0.25                                      | NA   |
|   | Reduce pumping plant friction loss              | 30   | \$0.40                                      | \$0.40   |
| <b>Sprinkler system improvements on pressurized systems</b> |   | 5  | \$0.25                                      | \$0.27   |
| <b>System Lift Reduction</b>                                |   | 30   | \$0.35                                      | \$0.35   |
| <b>Water Delivery</b>                                       | Existing Pipe Lining (CML)                      | 30   | \$0.40                                      | \$0.40   |
|   | Canal lining                                    | 20+  | \$0.35                                      | \$0.35   |
|   | Canal and Lateral piping (plastic & fiberglass) | 30+  | \$0.40                                      | \$0.40   |
| <b>Water Management</b>                                     | Advanced On-farm water management               | 1  | \$0.03                                      | \$0.03   |
|   | System Upgrades                                 | 2-3  | \$0.05                                      | \$0.05   |
|   | Automated Gates (real-time flow and controls)   | 4+   | \$0.25                                      | \$0.27   |
| <b>OTHER</b>  |   |  |   |  |
| <b>Air Compressor system improvements</b>                   |   | 10   | \$0.25                                      | \$0.27   |
| <b>Building Shell</b>                                       | Insulation                                      | 20   | \$0.35                                      | \$0.35   |
|   | Windows   | 30   | \$0.40                                      | \$0.40   |
| <b>Electric Distribution Efficiency Improvements</b>        |   | 4-19   | \$0.25                                      | \$0.25   |
|   |   | 20+  | \$0.35                                      | \$0.35   |
| <b>Generator –Engine Block Heater upgrade</b>               |   | 10   | \$200 per unit <3kW<br>\$1500 per unit 3kW+ | \$100 per unit <3kW<br>\$750 per unit 3kW+               |
| <b>HVAC</b>   | Building Automation                             | 18   | \$0.25                                      | \$0.27   |
|   | Efficient Equipment                             | 10   | \$0.25                                      | \$0.27   |
|   | Connected/Smart Thermostats                     | 5  | \$150 per unit                              | \$100 per unit   |
|   | Variable Frequency Drives                       | 10   | up to \$300 per hp (VAV)                    | up to \$300 per hp (VAV)                                 |
| <b>LED Lighting &amp; controls</b>                          |   | 10   | \$0.25                                      | \$0.27   |
| <b>Motors**/Drives (for process loads)</b>                  | Custom Motors                                   | 10   | \$0.25                                      | \$0.27   |
|   | Green Motors (Efficient Rewinds)                | <a href="http://www.bpa.gov/energy-and-services/efficiency/industrial/motors">www.bpa.gov/energy-and-services/efficiency/industrial/motors</a> |   |  |
|   | Variable Frequency Drives                       | 10   | \$80 per hp                                 | \$80 per hp  |
| <b>Pumping Improvements</b>                                 | New efficient pump                              | 15   | \$50 per hp                                 | \$50 per hp  |
|   | Pump Rebuilds                                   | 10   | \$0.25                                      | NA   |
| <b>Water Heating</b>  |   | 15   | up to \$800 per unit                        | up to \$800 per unit                                     |

The ESRP Program Incentive Rate Reference Table is a condensed set of eligible energy efficiency measures that are commonly implemented in the Energy Smart Reserved Power Program. If you are pursuing a measure that is not listed in the table above, please contact [esrp@bpa.gov](mailto:esrp@bpa.gov) for further assistance. The ESRP Measure Reference Guide is supplemental to this table and provides a description of the measure and outlines special considerations.