



# A RESIDENTIAL WATER HEATER PROGRAM

## INSTALLATION REQUIREMENTS, RULES AND GUIDELINES

1. To qualify for a rebate and other incentives under the H2O Select program, the customer must complete an enrollment form, and must allow Palmetto Electric Cooperative (P.E.C.) to install an off-peak switch(s) on each new water heater in the home.
2. Only one rebate will be paid per home. H2O Select rebates are paid per home not per water heater. All water heaters in the home that will accommodate an H2O Select off-peak switch must be connected to a switch in order to qualify for a rebate.
3. A conversion bonus rebate is available for any water heater that changes from gas to electric.
4. For all new home construction, rebates will be paid to the general contractor or developer. The general contractor/ developer must provide a completed enrollment form that has been signed by the homebuyer. The general contractor/ developer must notify P.E.C. when the water heater is ready for connection to an off-peak switch before the electric account transfers to the homebuyer. For all new home construction a P.E.C. approved electric disconnect box is required at the water heater.
5. P.E.C. gives a 60-month water heater repair service for each new water heater in the home that has a H2O Select off-peak switch installed. This service is transferable if the home is sold. For any existing water heater that has a H2O Select off-peak switch installed, a 12-month warranty will be provided.
6. All water heater installations must comply with P.E.C. **Installation Requirements** as well as all state and local codes.
7. Mobile Home customers must own the land on which the home resides, and it must be attached to a permanent foundation.
8. P.E.C. must be allowed to inspect any water heater(s) at reasonable times to insure proper operation and program compliance.
9. If service or repairs are needed for a H2O Select water heater, please call P.E.C. at 1-800-922-5551.
10. P.E.C. may end or change this program without notice at anytime.
11. H2O Select TurnKey Option: P.E.C. provides one new electric water heater (50 to 80 gallons), "standard replacement labor." The customer pays a monthly fee for 60 months, which is added to the electric account. If the customer's account is closed for any reason during the 60-month term, the balance of the monthly fees will become due upon the final account statement. The "standard replacement labor" includes removal and disposal of the old water heater and reconnection of the new water heater. No labor is included for any replumbing, rewiring, carpentry work, attic stair removal, flooring repairs, etc. If additional labor is required beyond that of the "standard replacement labor," the customer will be notified in advance of any extra labor charges and given the option to cancel or continue. The TurnKey Option should not be considered for emergency tank replacement. Please allow 2 to 4 weeks for tank installation.
12. Tank sizing requirements: Homes and apartments/condos with 3 bedrooms or more require a minimum of 80 gallons. Apartments or condos with 2 bedrooms or less are allowed to use a minimum 50 gallons. For large homes, homes with special hot water needs or homes with multiple systems call for pre-approval.
13. Control periods: Water heaters will be controlled (cycled off) as needed, up to 5 hours per day. Typically there are not more than 10 controlled days per month.



## Installation Requirements:

Only new electric water heaters 50 gallons or larger will be accepted.

Tank sizing is dependent on home size and type of use (full-time residence or vacation rental).

Water heating elements must not exceed 4,500 watts.

Work must meet all electric, plumbing codes, and Palmetto Electric Cooperative guidelines, whenever applicable. Permits may be required.

Electric supply wire must be 10-2 AWG with ground, copper wire only and connected to a 30-amp two pole breaker. Only copper wire will be accepted.

For all new construction an electric disconnect box is required at the water heater.

Palmetto Electric Cooperative recommends you insulate water pipes back 4 (four) feet from tank and/or use heat traps.

Operation of any circulation loop pump is not allowed.

Tanks must not block access to air handler, electrical panels, or other equipment, and must provide easy access to element cover plates.

The temperature and pressure relief valve must be properly plumbed to a safe location.

Drain pans with approved 1" drain line to outdoors are required for water heaters installed above any living area or in the attic.

To prevent "rotten egg" smell from developing:

- (1) Install a tank that does **not** have a magnesium anode rod.
- (2) Add a gallon of household bleach during installation of tank.

Palmetto Electric Cooperative will connect an "off-peak switch" when notified that the tank has been installed.

