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6337 (3) The Florida Building Commission shall, prior to
6338 implementing the goals established in subsection (1), adopt by
6339 rule and implement a cost-effectiveness test for proposed
6340 increases in energy efficiency. The cost-effectiveness test
6341 shall measure cost-effectiveness and shall ensure that energy
6342 efficiency increases result in a positive net financial impact.

6343 Section 110. Subsection (1) of section 553.909, Florida
6344 Statutes, is amended, subsections (3) and (4) are renumbered as
6345 subsections (6) and (7), respectively, and new subsections (3),
6346 (4), and (5) are added to that section, to read:

6347 553.909 Setting requirements for appliances; exceptions.--

6348 (1) The Florida Energy Efficiency Code for Building
6349 Construction shall set the minimum requirements for commercial
6350 or residential swimming pool pumps, swimming pool water heaters,
6351 and heat traps and thermostat settings for water heaters used to
6352 heat potable water sold for residential use. The code shall
6353 further establish the minimum acceptable standby loss for
6354 electric water heaters and the minimum recovery efficiency and
6355 standby loss for water heaters fueled by natural gas or
6356 liquefied petroleum gas.

6357 (3) Commercial or residential swimming pool pumps or water
6358 heaters sold after July 1, 2011, shall comply with the
6359 requirements of this subsection. Natural gas pool heaters shall
6360 not be equipped with constantly burning pilots. Heat pump pool
6361 heaters shall have a coefficient of performance at low
6362 temperature of not less than 4.0. The thermal efficiency of gas-
6363 fired pool heaters and oil-fired pool heaters shall not be less
6364 than 78 percent. All pool heaters shall have a readily

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6365 accessible on-off switch that is mounted outside the heater and
 6366 that allows shutting off the heater without adjusting the
 6367 thermostat setting.

6368 (4) Pool pump motors shall not be split-phase, shaded-
 6369 pole, or capacitor start-induction run types. Residential pool
 6370 pumps and pool pumps motors with a total horsepower of 1 HP or
 6371 more shall have the capability of operating at two or more
 6372 speeds with a low speed having a rotation rate that is no more
 6373 than one-half of the motor's maximum rotation rate. Residential
 6374 pool pump motor controls shall have the capability of operating
 6375 the pool pump at a minimum of two speeds. The default
 6376 circulation speed shall be the residential filtration speed,
 6377 with a higher speed override capability being for a temporary
 6378 period not to exceed one normal cycle or 120 minutes, whichever
 6379 is less. Except that circulation speed for solar pool heating
 6380 systems shall be permitted to run at higher speeds during
 6381 periods of usable solar heat gain.

6382 (5) Portable electric spas standby power shall not be
 6383 greater than 5(V²/3) watts where V = the total volume, in
 6384 gallons, when spas are measured in accordance with the spa
 6385 industry test protocol.

6386 (6)~~(3)~~ The Florida Energy Efficiency Code for Building
 6387 Construction may include standards for other appliances and
 6388 energy-using systems if they are determined by the department to
 6389 have a significant impact on the energy use of the building and
 6390 if they are cost-effective to the consumer.