

# Results of Invitation to Participate: Portable Electric Spa Labeling

2013 Appliance Efficiency Rulemaking  
California Energy Commission

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# Agenda

- ❑ Purpose
- ❑ Information Requested
- ❑ Responses
  - ❑ Existing Labeling
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  - ❑ Installed Base
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- ❑ Next Steps



# Purpose

- ❑ The Commission is gathering information to determine how to proceed with products listed in Phase 1 of the OIR.
- ❑ The ITP is an opportunity for stakeholders to inform the Commission's policy, direction, and process.
- ❑ ITP requests product, market, and other relevant information.
- ❑ During this session, we will discuss the results of the ITP for Portable Electric Spa Labeling.



# Information Requested

- ❑ Product Definition & Scope
- ❑ Existing Test Procedures
- ❑ Sources of Test Data
- ❑ Existing Standards & Standards in Development
- ❑ Product Lifetime
- ❑ Product Development Trends
- ❑ Operations & Modes
- ❑ Energy-Saving Technologies & Features
- ❑ Costs
- ❑ Market Characteristics
- ❑ Label Information



# Responses

Responses addressing the information requested:

- ❑ California Investor-owned Utilities
- ❑ Natural Resources Defense Council



# Existing Labeling

Portable Electric Spas are not labeled in a consistent way

Information collected by the Energy Commission, available for a potential label

- ❑ Manufacturer, brand, model, volume, capacity, voltage
- ❑ Standby power

Other information valuable for a label

- ❑ Annual energy use
- ❑ Annual operating cost



# Objectives of Labeling

## Consumer Education

- ❑ Provide a way for consumers to account for energy costs in their purchase decisions
- ❑ Identify energy efficient portable electric spas
- ❑ Level playing field for comparing products
- ❑ Improve compliance



# Installed Base

Residential Appliance Saturation Survey (RASS) – KEMA (2010)

- ❑ 10% of California residences own a spa or hot tub.
  - ❑ Of these, 92% are in single-family homes.
    - ❑ Of these, 50% are heated by natural gas
    - ❑ 45% are heated by electricity
    - ❑ 5% are heated by a combination of solar power, natural gas, bottled gas or electricity.
  - ❑ Of the 92% in single-family homes.
    - ❑ 46% are outdoor, above ground
    - ❑ 47% are outdoor, in ground
    - ❑ 7% are indoor

The Energy Commission is focused on outdoor, above ground models heated by electricity



# Market & Installed Base

Association of Pool and Spa Professionals (APSP)

“U.S. Swimming Pool and Hot Tub Market 2012 Report”

Prepared by P.K. Data

- ❑ 7,442,000 hot tubs in the U.S.
- ❑ 173,000 hot tubs were sold/installed in the U.S. in 2011 (~2.4% growth)
- ❑ 1,488,016 installed hot tubs (including commercial and in-ground) in California



# Next Steps

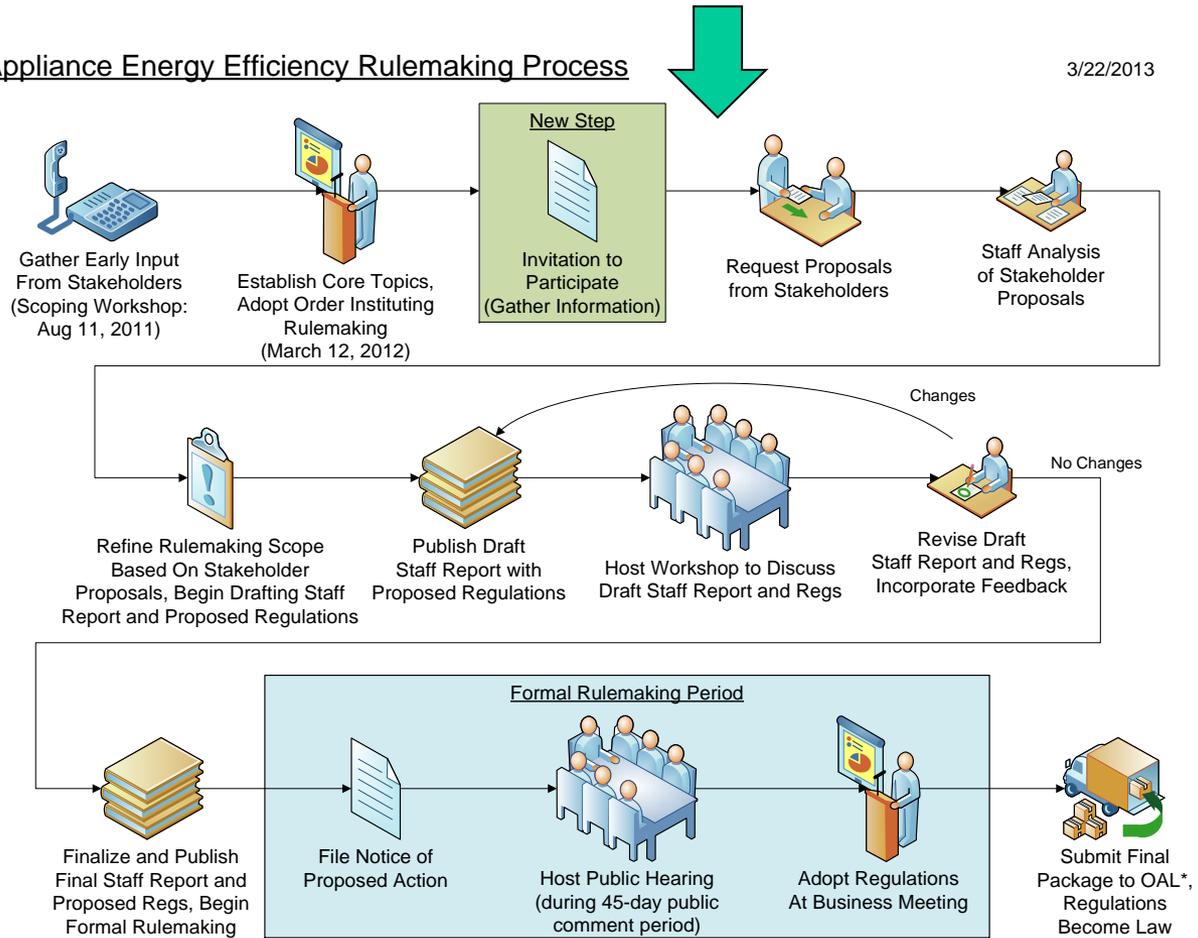
- ❑ Following the ITP workshops, the Commission will request proposals for new/updated efficiency measures.
- ❑ Interested parties may submit proposals from **June 10 to July 25, 2013.**
- ❑ Proposal template and guidance is forthcoming.
- ❑ Commission staff are available to discuss questions and concerns at anytime during the proceeding.



# Public Participation

## Appliance Energy Efficiency Rulemaking Process

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\*Office of Administrative Law



# Discussion & Comments

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