Gas Utility Presentation

ARB Workshop on Gas Allowances Allocation
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For Residential and Commercial customers, consumption is concentrated in water heating, space heating, and cooking; uses that meet basic needs.


* Miscellaneous includes pools, spas, cooling, and other small uses.
* Industrial includes usage for entities for which the IOUs are the point of regulation.
The IOUs have achieved significant natural gas savings

- Cumulative savings and spending from 1990 - 2011

Source: IOU and low income reported annual savings and spending.
California per capita NG consumption has been falling

Statewide End-User Per Capita Natural Gas Consumption

Natural Gas EE Savings (example year)

- NG EE savings of ~48 Million Therms per year, projections show a total of ~450 MMTherms or 2.3 MMTCO2e of savings from 2013 - 2020.

**Average Savings 2010-11 (MMTherms)**

- **Residential**
  - 48 MMTherms (300,000 MT)
  - 19M
  - Water heaters
  - Furnaces
  - Insulation
  - Clothes washers
  - Low-Flow Showerheads
  - Whole Buildings

- **Commercial**
  - 9M
  - Water heaters and boilers
  - HVAC and Furnaces
  - Insulation
  - Laundry efficiency
  - Pool heaters
  - Whole Buildings

- **Industrial**
  - 20M
  - Boiler replacement, controls, maintenance, economizers
  - Process heat recovery
  - Steam trap replacement
  - Greenhouse thermal curtains

Source: IOU EE savings results for entities for which the IOUs are the point of regulation
Joint Utility Approach

- Full Administrative allocation in 2015 at 2011 historical baseline
- Annual reduction in allocation as cap declines
- Gas utilities equitably pass through cost of purchasing allowance shortfall to customers.
- Allows for timely and simple implementation.
Questions

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