High Quality, Efficient Cooking for All Californians

The Induction Cooking Market Transformation Initiative (MTI)

ABOUT

The Induction Cooking MTI seeks to accelerate the market adoption of induction cooktops and ranges to provide a high-quality cooking experience and a more efficient technology than traditional electric resistance and gas stoves. The initiative also aims to reduce GHG emissions and provide enhanced health, safety, and other non-energy benefits afforded by induction technology.



HIGHLIGHTS

- Induction cooking serves as a linchpin to the full home electrification needed to achieve California's decarbonization goals.
- The MTI leverages and builds upon new market entrants and national momentum, enabling rapid deployment and scalability.
- Driving market demand for battery-equipped 120V products will enable off-peak usage and can mitigate challenges in moving from gas to electric cooking.
- Induction technology also offers significant non-energy benefits, such as low-temperature cooking surface and improved indoor air quality.
- MTI interventions will move the market to shift induction products from a high-end niche technology to mass adoption and provide a cooking experience on par or superior to incumbent gas products.

VALUE

The Induction Cooking MTI is expected to cost $39 million and **will deliver a forecasted Total System Benefit (TSB) of $495 million to California** through 2045. This means that for every dollar invested in the initiative, California will receive approximately $13 worth of energy savings, greenhouse gas reductions, and electric grid benefits.

EQUITY

- The Induction Cooking MTI incents manufacturers to develop 120V induction products that will lower the cost of adoption. Manufacturer development of battery-equipped 120V products will provide additional benefits, including off-peak charging and increased resilience.
- Encouraging retailers to stock and market more affordable induction products makes the technology accessible to more households. Increased availability of affordable induction products will equip programs that serve ESJ communities with more and better electric cooking options.
- Transitioning the market away from gas cooking will mitigate negative health impacts (like childhood asthma), which disproportionately impact ESJ communities.



LEARN MORE ABOUT THE INDUCTION COOKING MTI

Induction Cooking
Induction Cooking Fact Sheet
Induction Cooking MTI Plan
Induction Cooking MTI Plan FAQs

About CalMTA

CalMTA works to deliver cost-effective energy efficiency and decarbonization benefits to Californians through a unique approach called market transformation. CalMTA-developed market transformation initiatives also aim to advance state goals on demand flexibility, workforce development, and equity.

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CalMTA is a program of the California Public Utilities Commission (CPUC) and is administered by Resource Innovations