



High Quality, Efficient Cooking for All Californians

The Induction Cooking Market Transformation Initiative (MTI)

ABOUT

The [Induction Cooking MTI](#) will accelerate market adoption of 120-volt (120V) induction cooktops and ranges in California to provide a high-quality cooking experience. The initiative also will 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.
- Accelerating development of 120V induction products will enable simpler gas-to-electric conversions, while those equipped with batteries can enable off-peak usage.
- 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 \$496 million to California** through 2045. The MTI is expected to be cost-effective — its Total Resource Cost (TRC) of 1.05 means that for every dollar spent on the program, \$1.05 in energy system benefits is delivered.

EQUITY

The Induction Cooking MTI will yield significant benefits to environmental and social justice (ESJ) communities including:

- Incenting manufacturers to develop 120V induction products 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 more 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

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