

# ET Summit 2024

Presented by



# Induction:

## A Pathway to Decarbonization



SOUTHERN CALIFORNIA  
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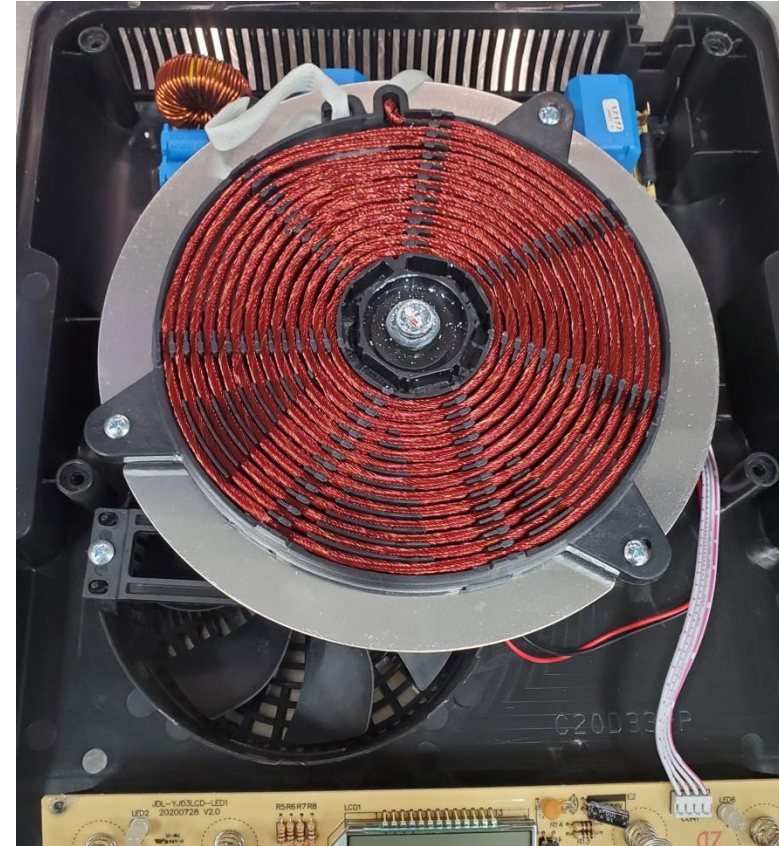
Oliver Ta

Senior Specialist

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# Induction Cooking Technology

- How it works:
  - High Frequency Magnetic Field
  - Turns the cookware into the heat source
    - Ferromagnetic Cookware



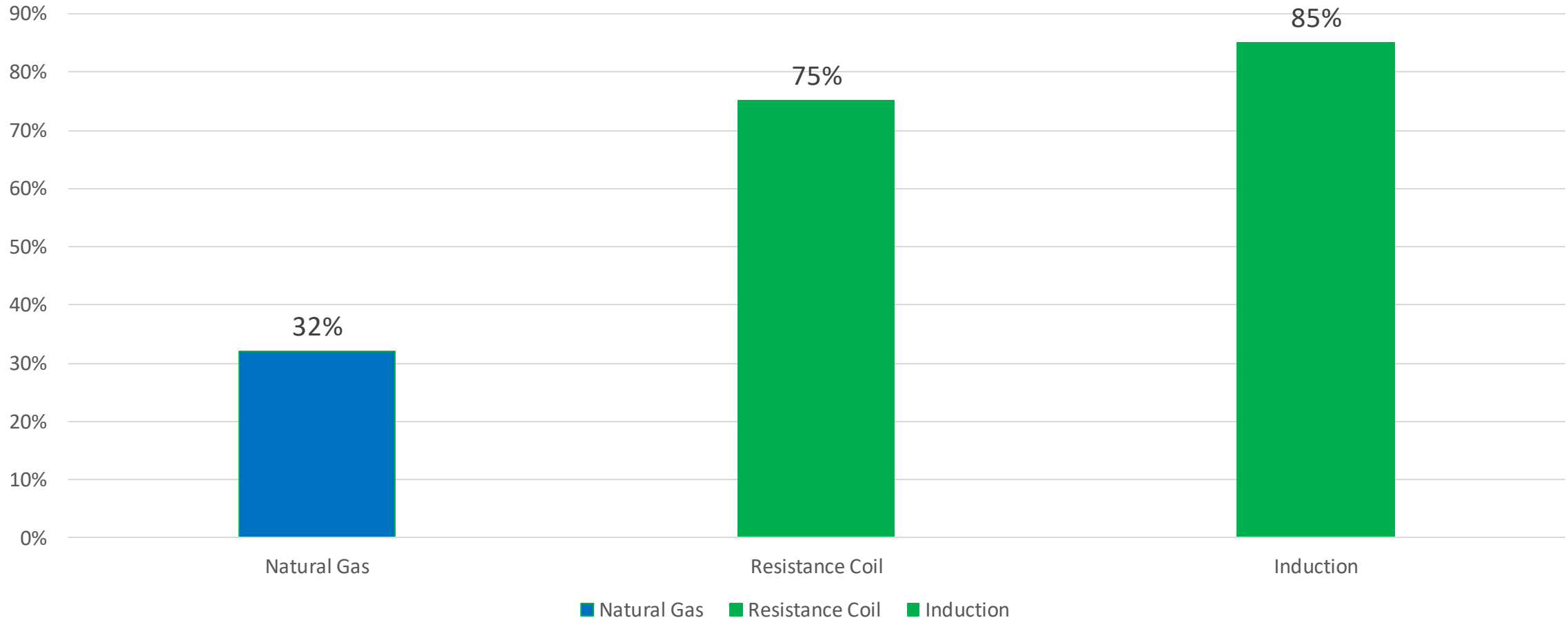
# Induction Cooking Technology

- High Efficiency
- Low Emissions
- Cooler Kitchen
- Rapid Response
- Precise Controls



## Efficiency

Average Efficiency



Source: [https://www.energystar.gov/partner\\_resources/products\\_partner\\_resources/brand-owner/eta-consumers/res-induction-cooking-tops](https://www.energystar.gov/partner_resources/products_partner_resources/brand-owner/eta-consumers/res-induction-cooking-tops)

## Induction Adoption

- Hotpot
- Sizzling Cast Iron
- Tamales
  - Champurrado (Mexican Hot Chocolate)

## Induction Wok

### Advantages

- High Efficiency
- Cooler Kitchen



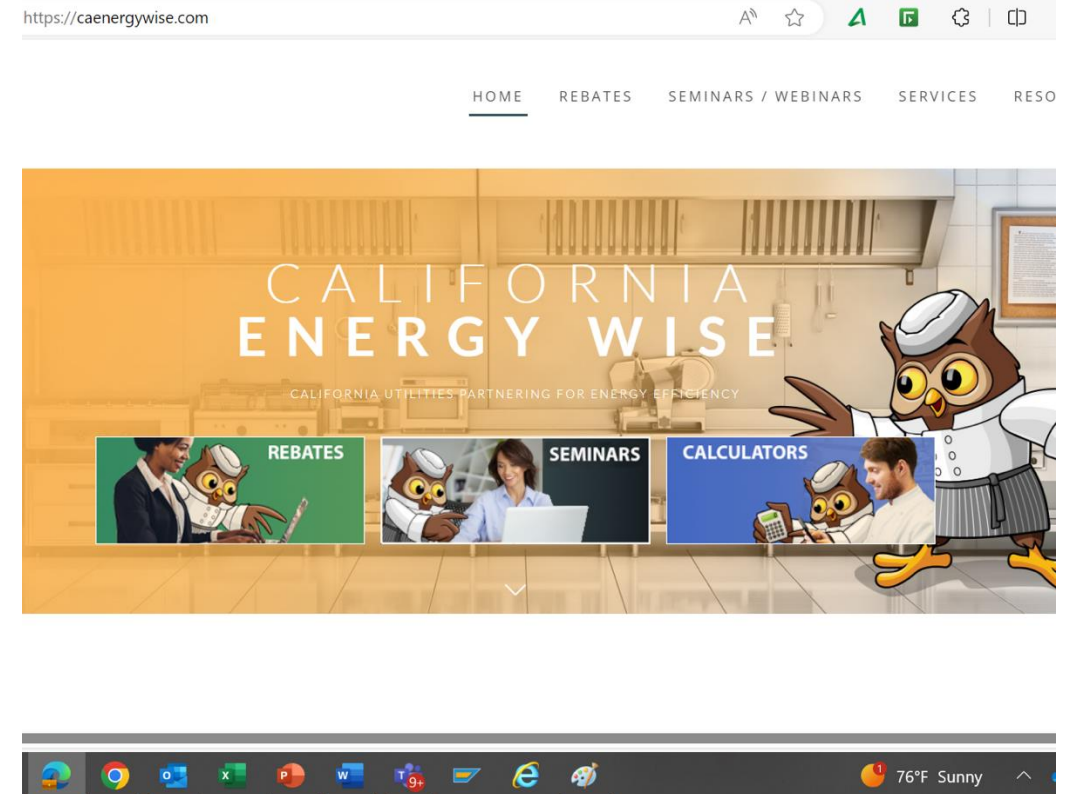
### Hurdles

- Different heating profile
- Adjustment in cooking technique
- Ergonomics
- Capital Investment
- Little to no market offerings

# Induction Cooktop Energy Efficiency Testing

## Energy Efficiency Testing

- SCE has been testing countertop induction cooktops for
  - Energy Star Specification
  - CA Rebate Program





## Induction Lending Library

Home Inventory Search Inventory

All Items 108 results



All Locations  
Search Within...

### Availability

In stock now

### Category

- Induction Cooktops (57)
  - 120v (42)
  - 208v (15)
  - 240v (13)
- Induction Cookware (49)
  - Accessories (10)
  - Adapter (1)
  - Pans (13)
  - Pots (17)
  - Specialty Cookware (14)
- Usage (47)

Per Page 15 View Grid Sort By Relevance

Wok Cook 3500w

Check Availability

Induction Cooktop 1800w

Check Availability

Commercial Induction Cooktop 1800w

Check Availability



- <https://www.sce.com/ftc>
- <https://sceinduction.myturn.com>
- <https://www.caenergywise.com>



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