

# Residential Energy Efficiency

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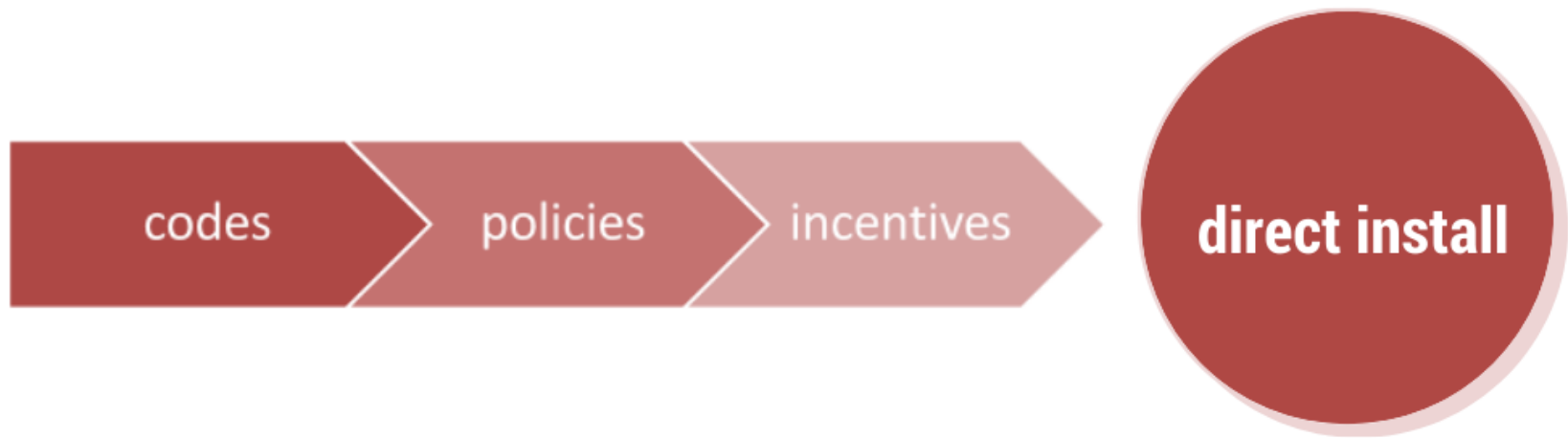
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Albuquerque Climate Action Task Force  
November 10, 2020

# Opportunities in Albuquerque to Maximize Energy Efficiency

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**CODES**

# Code Options

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- **Improved building codes**
  - **Just adopted 2018 IECC**
  - **Could improve with Green or Stretch code**

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**POLICY**

# Policy Options

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- **Benchmarking/Energy Efficiency requirements**
  - **Rental units**
  - **Upon sale**
- **Support statewide**
  - **appliance standards**
  - **SBTC**
  - **Etc.**
- **Financing for residential energy efficiency**

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# INCENTIVES

# Incentive Options

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- **Expedited permit review for efficient designs**
- **Utility energy efficiency programs**
  - **Rebates**
  - **Discounts**
  - **Technical assistance and incentives**
  - **Recycling programs**
  - **Energy audits**



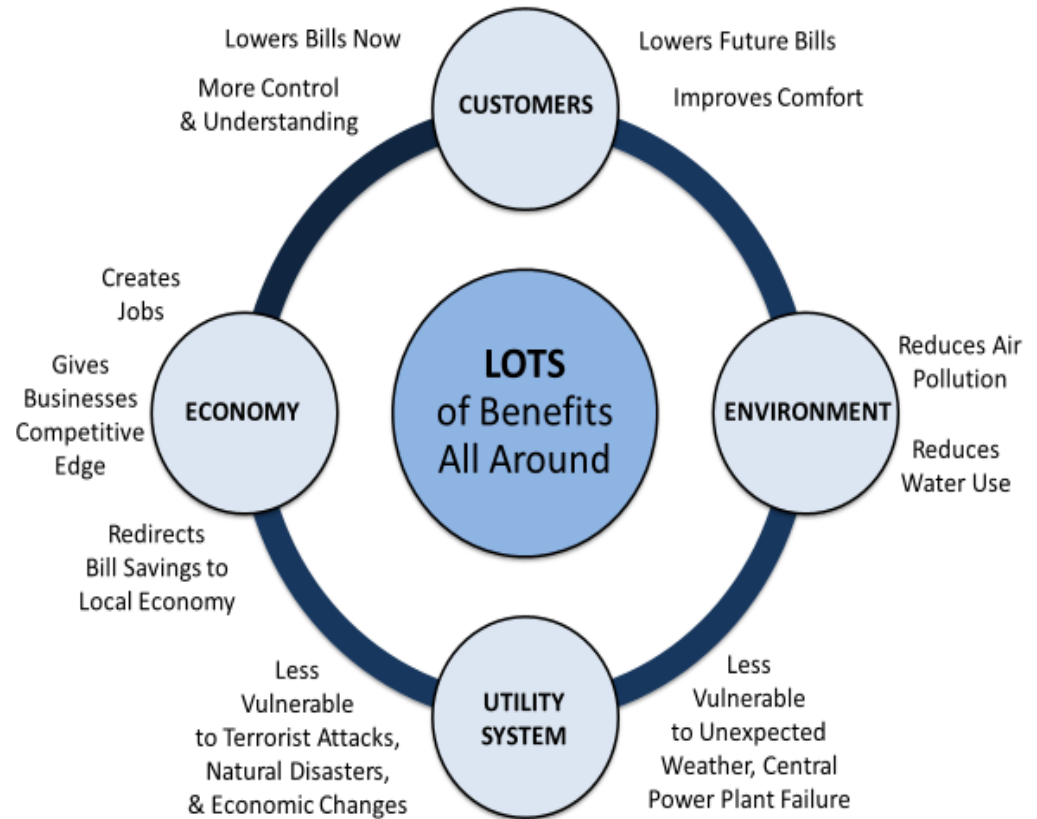
# Ways Albuquerque Can Support Utility Energy Efficiency Programs

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- Support PNM and NMGC's energy efficiency filings (and push for improvements) at PRC
- Support the EUEA legislation to maximize energy efficiency
  - STOP opposing decoupling at PRC

# Decoupling

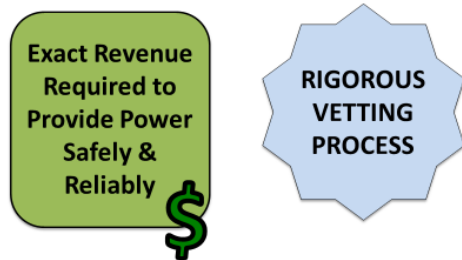
Utilities make revenue through the sale of energy. The Efficient Use of Energy Act requires the utilities to sell less of their product – which is counter to the regulated utility business model. Since utilities recover their costs in rates, they have an inherent disincentive to providing energy efficiency programs which lower their sales. Removing the utilities disincentive ensures that the utility is indifferent to selling more energy or energy efficiency.



# Decoupling

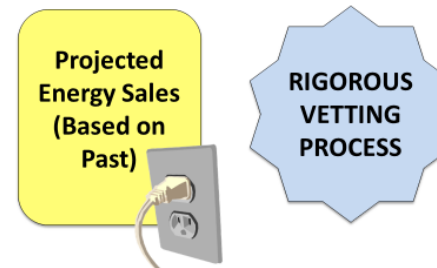
## How Rates are Set: Step 1

1. Determine Exact Revenue Required for Company to Safely and Reliably Provide Power – no more, no less



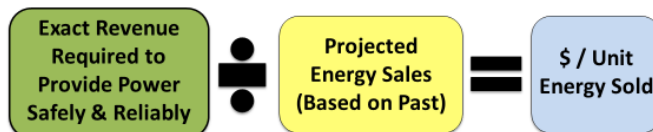
## How Rates are Set: Step 2

2. Project How Much Energy Will Be Sold (Based on Past Experience)

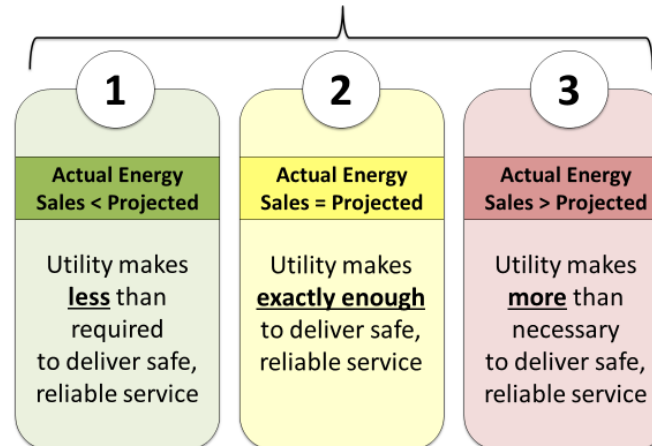


## How Rates Are Set: Step 3

3. Divide Exact Revenue Required to Provide Safe, Reliable Power by Projected Sales to Determine Rate



## Three Possible Scenarios



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**DIRECT INSTALL**

# Actually Do The Work

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- **Do more for low-income, communities of color**
  - Historically disadvantaged communities need extra help
    - Older housing stock
    - Large utility bills
    - Major climate impact

# Actually Do The Work

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- Prosperity Works project
  - Private foundation/Bloomberg Cities Challenge
  - City Council appropriated \$100K
  - More funding needed!

# **SWEEP:**

*Dedicated to More Efficient Energy Use in the Southwest*

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Resources available online at:

[www.swenergy.org](http://www.swenergy.org)

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