



BUREAU OF ENERGY AND
TECHNOLOGY POLICY

October 13, 2022

Residential Program Design and Implementation

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Acting Deputy Commissioner/Bureau Chief



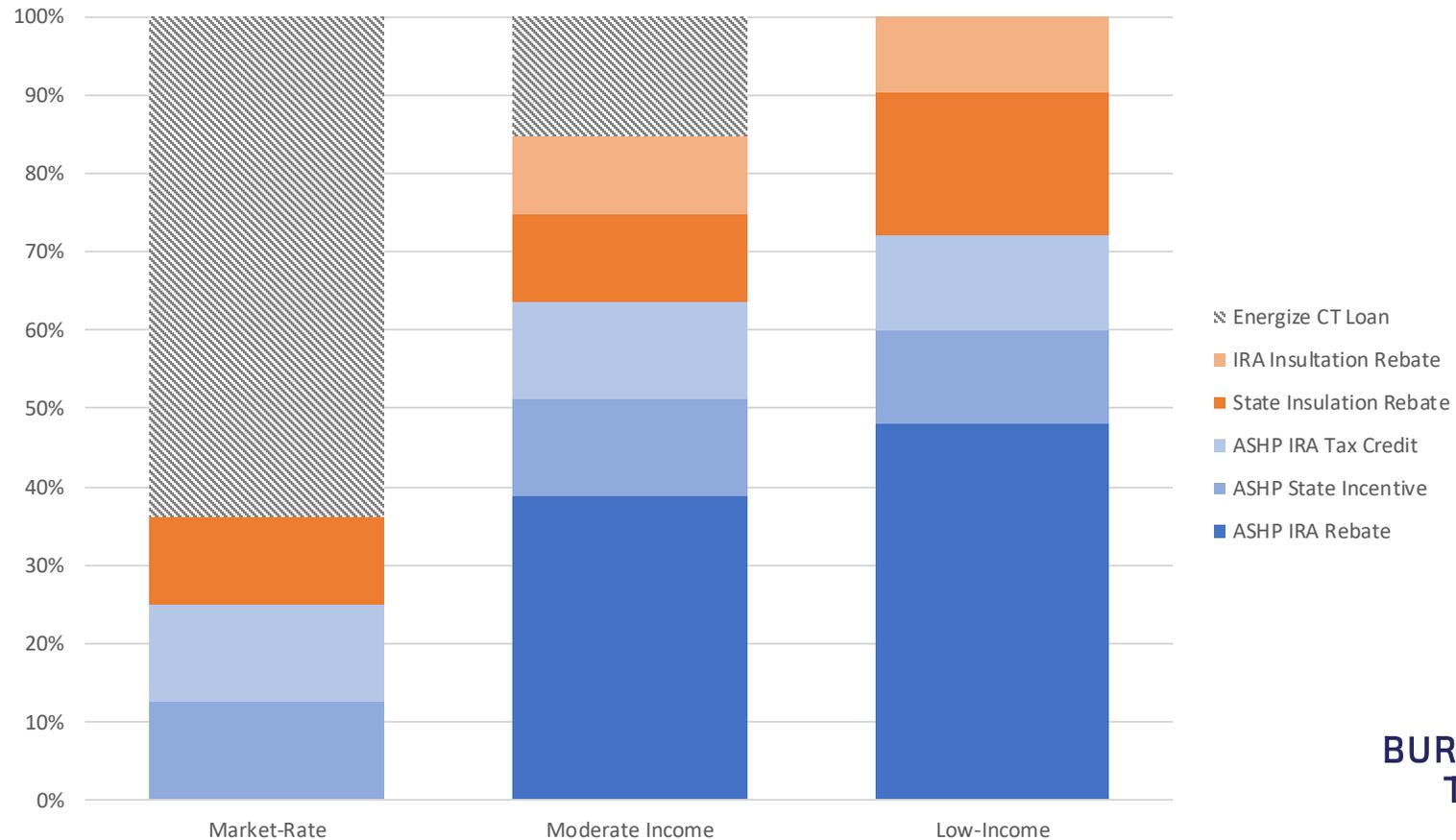
Overview of Residential Programs

Program	Structure			Function		
	Rebates/ Incentives	Tax credits	Other	Buildings	Transportation	Generation
Federal						
Contractor Training			█	█	█	█
Environmental Justice Community Block Grants			█	█	█	█
Greenhouse Gas Reduction Grants			█	█	█	█
High Efficiency Electric Home Rebate (HEEHR)	█			█		
Home Energy Performance-Based Whole Home Rebates (HOMES)	█			█		
HUD Housing Energy Improvements			█	█		
New Energy Efficient Home Credit		█		█		
Residential Clean Energy Credit		█				█
Solar Investment Tax Credit		█		█		
State and Local Building Code Implementation			█	█		
Weatherization Assistance Program	█			█		
State						
Connected Solutions Demand Response			█	█		
Connecticut Hydrogen and Electric Automobile Purchase Rebates	█				█	
Electric Vehicle Charging Program	█				█	
Energy Storage Solutions	█					█
Home Energy Solutions/Home Energy Solutions-Income Eligible	█			█		
Residential Energy Preparation Services			█	█		
Residential New Construction	█			█		
Residential Renewable Energy Solutions	█			█		
Shared Clean Energy Facilities			█			█

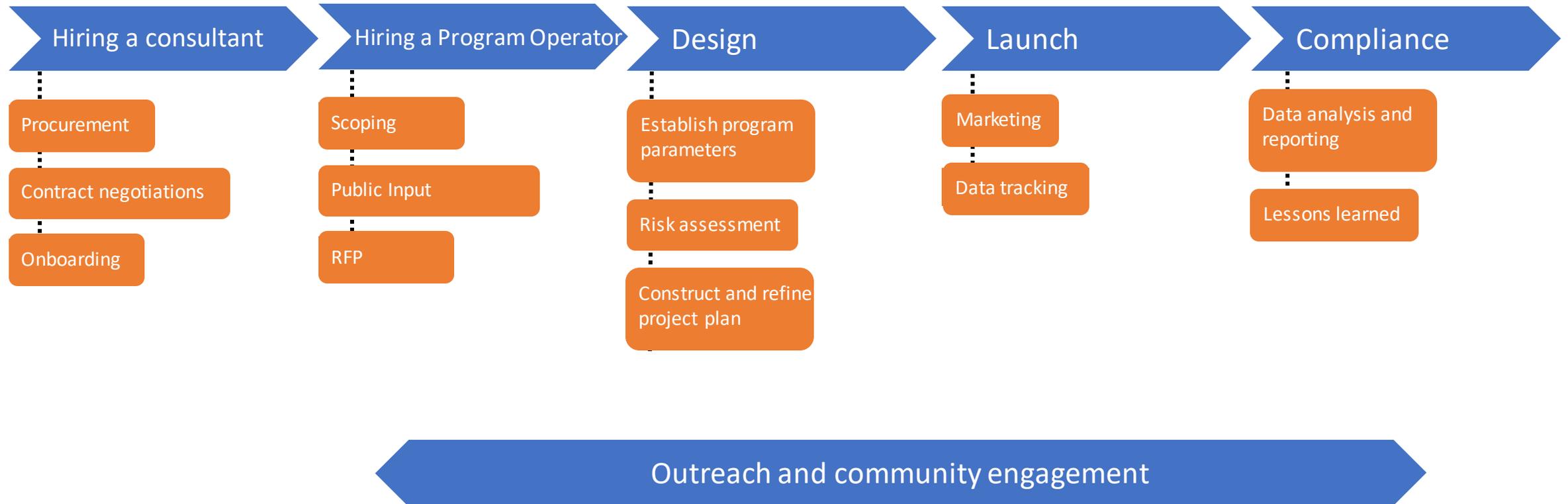


Bringing Resources Together

Central Air-Source Heat Pumps with Insulation (Single Family)



Setting Up New Programs



Whole-Home Energy Retrofit Vision



Building Preparation

Removing health and safety barriers to weatherization and ensuring that homes have the capacity to take on future electrification projects.

ARPA, IIJA, IRA funds available to support.



Weatherization

Improving building thermal envelopes through energy audits, air and duct sealing, insulation, and high efficiency windows. Making homes as efficient as possible prior to electrification.

IIJA, IRA, and state programs available to support.



Appliance and HVAC Upgrades

Upgrading HVAC and water-heating systems with high-efficiency measures, including heat pumps. Encouraging the adoption of other electric appliances, including cooktops, clothes washers, and dryers.

IRA and state programs available to support.



Solar + Storage

Adding solar helps to mitigate increased operating costs resulting from electrification. Solar arrays can be sized to accommodate future electrification. Battery storage adds resilience and demand management components.

IRA and state programs available to support.



Electric Vehicles

Adding vehicle charging capabilities, including networked charging. Charging is made more affordable through DERs and rate design.

IRA and state programs available to support.

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