



Public Service Energy Efficiency Resources for Multifamily Properties

Julieann Summerford
Heschong Mahone Group, Inc.
summerford@h-m-g.com
916-962-7001



Energy Efficiency Programs for Affordable Housing

- Low-income and weatherization
- Utility programs
- ARRA-funded programs (in planning stage)
- New tools to help you navigate programs and prioritize energy efficiency investments
- How to help your tenants save money and energy

Weatherization Assistance Program

- Repair/replacement of heaters
- Replacement of water heaters
- Replace stoves (LIHEAP)
- Microwaves (LIHEAP)
- Insulation of attics
- Replacement of broken windows
- Replacement of doors
- Carbon monoxide detectors
- Door weather stripping
- Low flow showerheads
- Compact fluorescent light bulbs
- Hard wire light fixtures
- Faucet aerators

Call MAAC's Weatherization Program (619) 409-7599



SDG&E's Energy Team

- Energy efficiency improvements
- Teach customers how to save energy
- Determine if appliances are eligible for free repairs or replacement
- Examples of Free Home Improvements
 - Attic Insulation
 - Door weather-stripping and caulking
 - Low-flow showerheads and faucet aerators
 - Water heater blankets
 - Energy-efficient lighting
 - Select energy-efficient appliances

Contact The Energy Team 1-866-597-0597



Tune-Up: SDG&E's AC TIME Program

SDG&E's Advanced A/C Diagnostic Tune-Up

- Two tune-up services
 - Refrigerant charge
 - Airflow and duct test and seal
- Receive both services at one visit to:
 - Optimize efficiency of AC system
 - Reduce cool air loss through duct system
 - Minimize the amount of equipment run time

Currently full - waitlist for additional funding

1-800-289-2440

www.actimeprogram.com



Prescriptive: SDG&E Multifamily Energy Efficiency Rebate (MFEER) Program

- Attic and wall insulation
- Faucet aerators
- Clothes washers
- Natural gas furnaces
- Natural gas boilers
- Boiler controllers
- Water heaters
- Lighting fixtures

Reserve, purchase, and install by December 31, 2010

www.sdge.com/residential/multiFamilyRebate

1-800-644-6133

MultiFamProgram@semprautilities.com



Whole Building: Energy Upgrade California

Available early 2011

- Deep energy savings
- Building science approach - building is a system
- Minimum 20% improvement over existing conditions
- Utilizes Home Energy Rating System (HERS) raters for audit, analysis, and verification
- Determine most cost effective measures specific to each property
- Incentives to offset the upgrade and audit/analysis cost

Gary Goodson 916-962-7001 goodson@h-m-g.com



Whole Building + Renewables

- First, use whole building approach to minimize loads

Then Identify potential solar incentives for each property:

- California PUC offers the Multifamily Affordable Solar Housing (MASH) program. Must be “low-income residential housing.” Funding is limited, to get on the waitlist in SDG&E’s territory call CCSE at: 858-244-1177 or MASH@energycenter.org.

Track 1A:
PV System Offsetting
Common Area Load
\$3.30/watt

Track 1B:
PV System Offsetting
Tenant Load
\$4.00/watt

The American Recovery and Reinvestment Act of 2009

- \$5.6M allocated for San Diego County
 - Single-family: \$4,736,589
 - Multifamily: \$930,000
 - Goal: 1,000 multifamily units
 - Pursuing additional funds
- Vintage of multifamily building stock
 - Out of 1M homes, about 301,000 multifamily dwelling units in San Diego
 - 62% built before energy code - 30% between code and 1999
 - Even up to 2005 (loopholes for MF closed) code buildings ripe

Program Summary and Energy Savings

- Whole-building retrofit program
 - Minimum 20% improvement over existing conditions
 - Utilizes HERS, HERS II, for audit, analysis, and verification
 - Program Process
 - Application
 - Energy audit and analysis
 - Propose package of measures to improve energy efficiency by 20% over existing conditions
 - Plan check and approval
 - Commitment to install recommended measures achieving 20% improvement
 - Retrofit construction
 - Request incentives
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Which Approach and Program?

- Can you help me navigate green programs?
 - Which program is right for my property?
 - Which of my properties are ripe for whole-building analysis and investment?
 - How can I get money for green upgrades?
 - I am planning a rehab. How should I best invest it in energy efficiency?
 - Which properties?
 - Which upgrade measures?
 - Is PV or solar feasible for my property?
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Navigational Tool: Which Approach and Program?

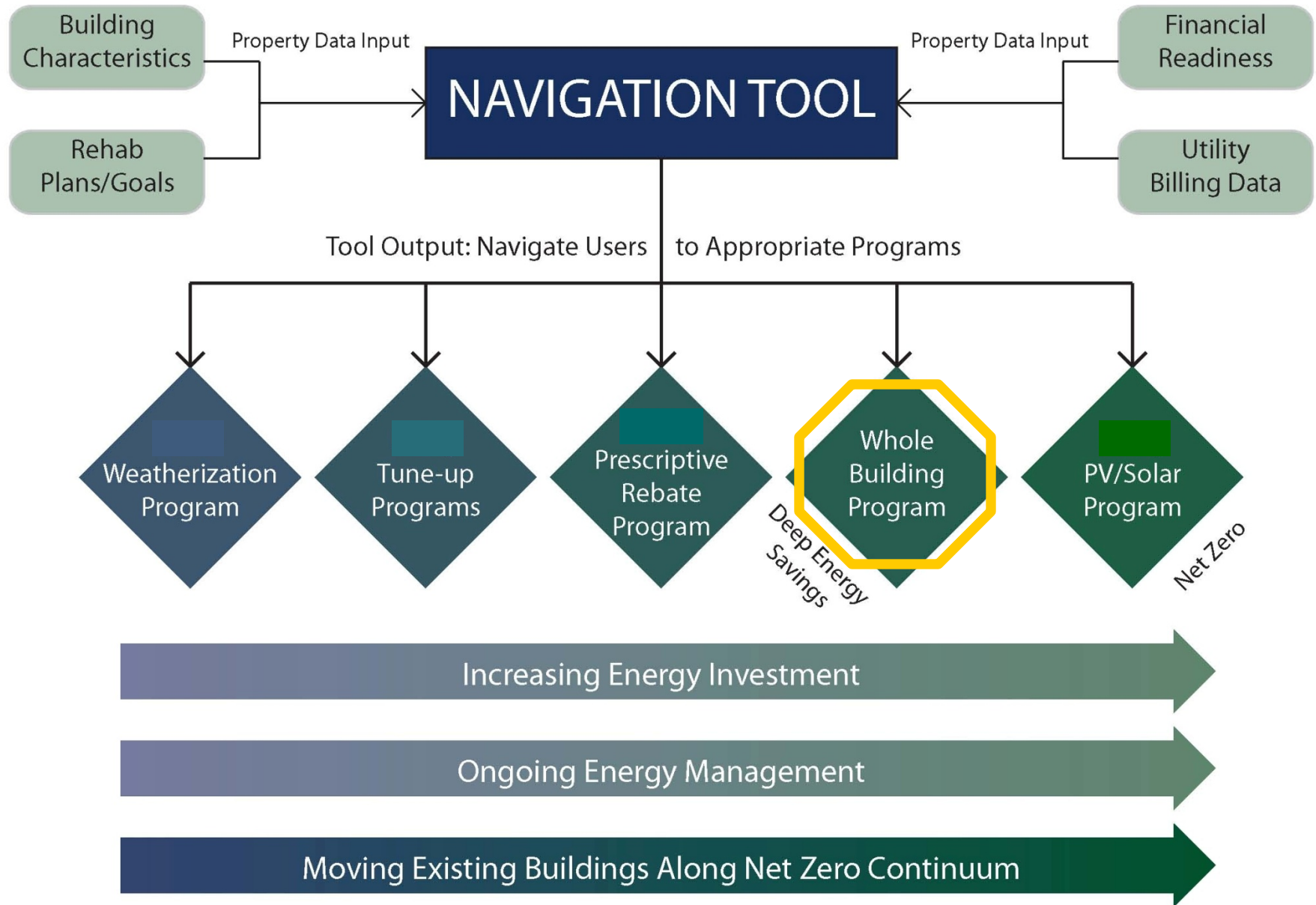
- Guide property owners/asset managers to:

FIRST

- Identify potential upgrade opportunities for each property
 - No one size fits all approaches
 - Varying scales from equipment tune-up to whole-building rehab

THEN

- Prioritize properties by need and readiness for retrofit/rehab
 - Match property needs and opportunities to available programs and funding
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Tool Elements

- Rehab Navigator – guides user to appropriate retrofit approach and measures
- Program Matching – matches measure opportunities and location to available programs
- Tools and Resources Library – links to green resources and tools
- Property Tracking – tracks upgrade measures implemented over time
- An important Property Management Tool

Low Income Programs for Tenants

- **Discount Programs:**

- **CARE** - Up to a 35% savings on their bill
- **FERA** - Billed at a lower rate for electricity within certain levels of usage

www.sdge.com, 1-800-411-7343, billdiscount@sdge.com

Low Income Programs for Tenants

- **Energy Team Program**
- Find out how SDG&E's Energy Team can help you lower your monthly energy costs. [View the video](#)
- With a little assistance from SDG&E's Energy Team, it's easier than ever to save money on your monthly energy bill.
- Customers who qualify will receive personal visits from Energy Team contractors. Energy Team contractors can help you do the following things for your home:
 - Install improvements to help make your home more energy efficient.
 - Help you understand the best ways you can save energy around your home.
 - Determine whether some of your appliances are eligible for free repairs or replacement.

Thank You