

Energy -- New Funding Opportunities



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Energy—New Funding Opportunities



NEW ?

Energy—Funding Opportunities



NEW ?

OR

Energy—New Funding Opportunities



NEW ?

OR

SIMPLY ADDITIONAL ?

Energy--New Funding Opportunities



2009:

MAJOR CHANGES

- LEAST COST PROCUREMENT

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2009:

MAJOR CHANGES

- LEAST COST PROCUREMENT
- REGIONAL GREENHOUSE GAS INITIATIVE (RGGI)

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R. I. 2009:

MAJOR CHANGES

- LEAST COST PROCUREMENT
- REGIONAL GREENHOUSE GAS INITIATIVE (RGGHI)
- AMERICAN RECOVERY & REINVESTMENT ACT (ARRA)

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R. I. 2009:

- LEAST COST PROCUREMENT

R. I. PL 2006 Chapters 236, 237, R.I. GL 39-1-27.7

Prudent and reliable and lower cost than traditional supply

PUC Docket 3931

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R. I. 2009:

- LEAST COST PROCUREMENT

Traditional supply –Total requirement load following, and
DSM (2.0 mills/kWh) for subsidies

All prudent and reliable and lower cost than traditional
supply– “least cost procurement”

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R. I. 2009:

- REGIONAL GREENHOUSE GAS INITIATIVE (RGGI)

Cap and trade auction proceeds

R. I. PL 206, R. I. GL Chapter 23-82

“Cost-effective available projects that can reduce long term demand costs”

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ARRA



Major Programs

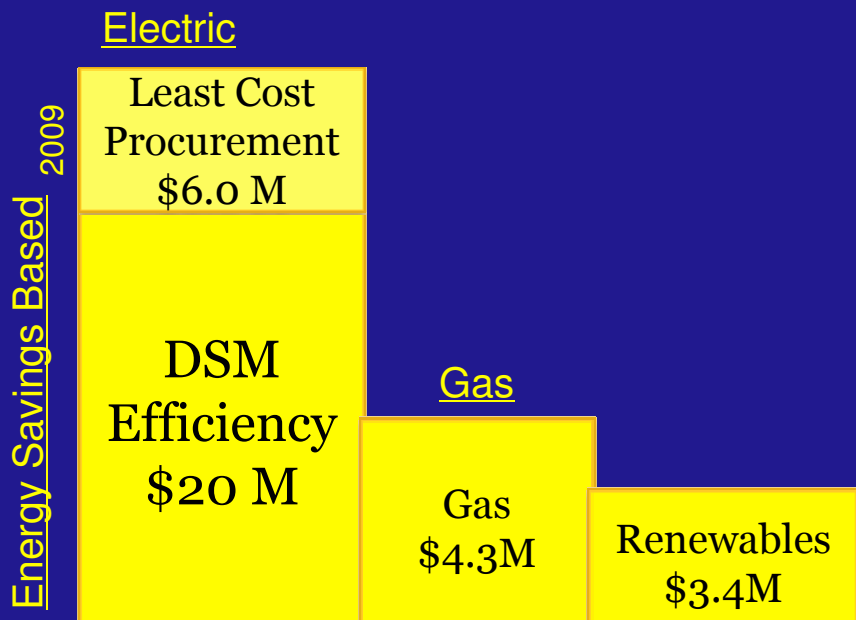
• State Energy Program	\$23.960 M
• EECEBG	\$ 9.593 M
• Weatherization	\$20.074 M

Minor Programs

• Appliance Rebates	\$ 1.008 M
• Smart Grid (PUC)	\$ 0.790 M
• Energy Assurance	\$ 0.296 M

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Existing Energy Programs



Efficiency = \$30.3 million
 Low-Income Efficiency = \$12.3 million
 Total Efficiency = \$42.6 million

Total Renewables = \$ 3.4 million

Appliance Management	(DSM)	\$1.134 M
Heating System Replacement	(DSM)	\$1.511 M
Weatherization		\$9,700,000
LIHEAP payments to households		\$30,000,000

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Existing Energy Programs: Current Funding



Demand Side Management (39-2-1.2)
Electric (\$20 M)

\$0.0023 per KWh
\$0.0020 = Efficiency
\$0.0003 = Renewable

Gas (\$5.7 M)

\$0.15 per decatherm

Least Cost Procurement (39-1-27) (\$ 6 M)

\$0.0012 cents per KWh charge

RGGI (23-82) (\$ 6 M)
procurement

60% -> To mitigate least cost

40% -> Innovative Financing & Partnerships

Low Income Programs (LIHEAP = 60% of median family income)

Weatherization \$9,849,878

DOE 2009

\$2,022,578

HHS 2009 LIHEAP Transfer

\$5,700,000

Nat'l Grid DSM (Gas)

\$1,055,000

Nat'l Grid DSM (Electric)

\$1,071,300

LIHEAP \$30,000,000

HHS 2010 Appropriation (est.)

Appliance Management Program \$1,134,000

Nat'l Grid DSM

Heating System Replacement \$1,511,000

Nat'l Grid DSM (Electric)

\$ 243,000

Nat'l Grid DSM (Gas)

\$ 268,000

HHS LIHEAP Transfer

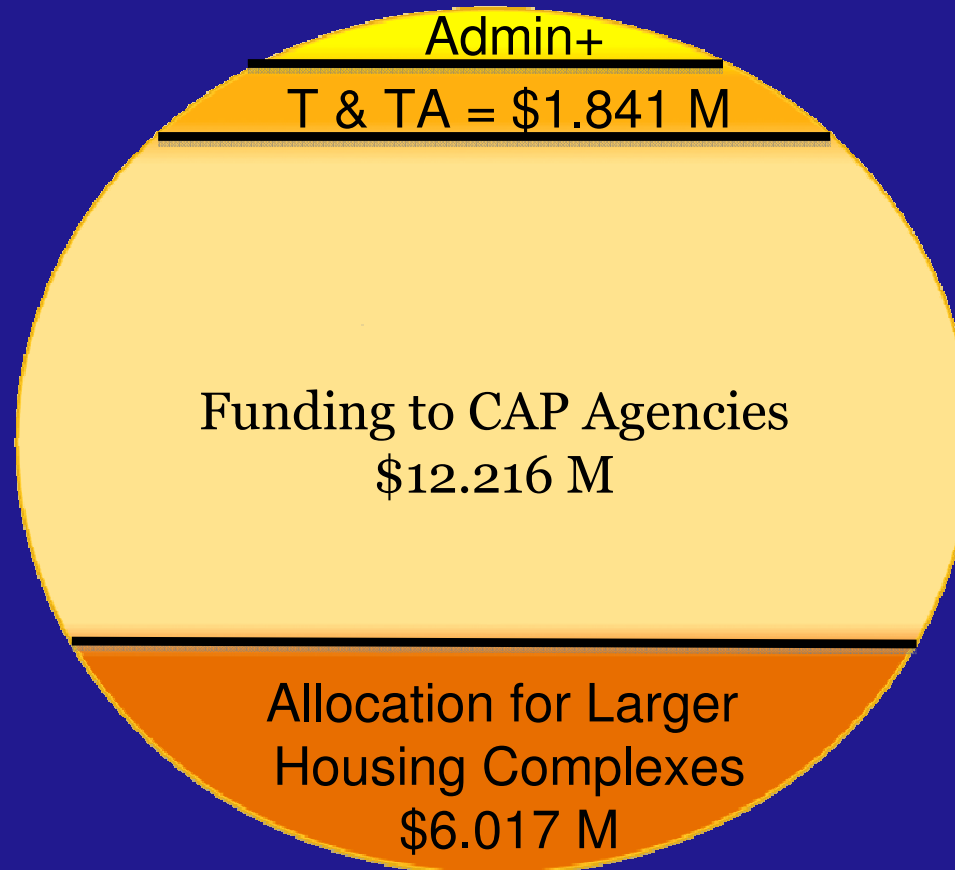
\$1,000,000

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ARRA: Weatherization Assistance Program (WAP)

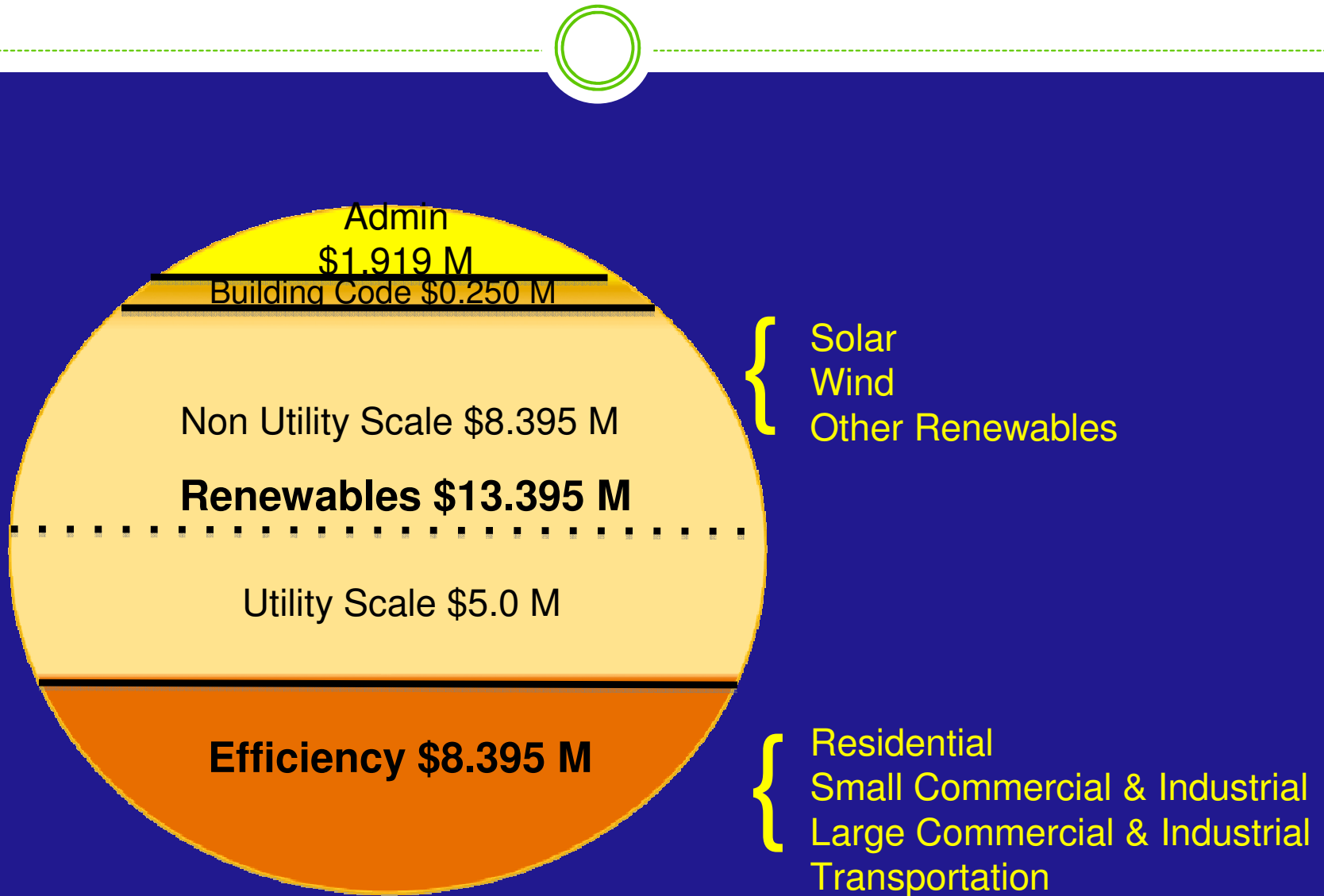


WAP = \$20.074 M
(Low Income)



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ARRA: State Energy Program (SEP): \$23.96 M

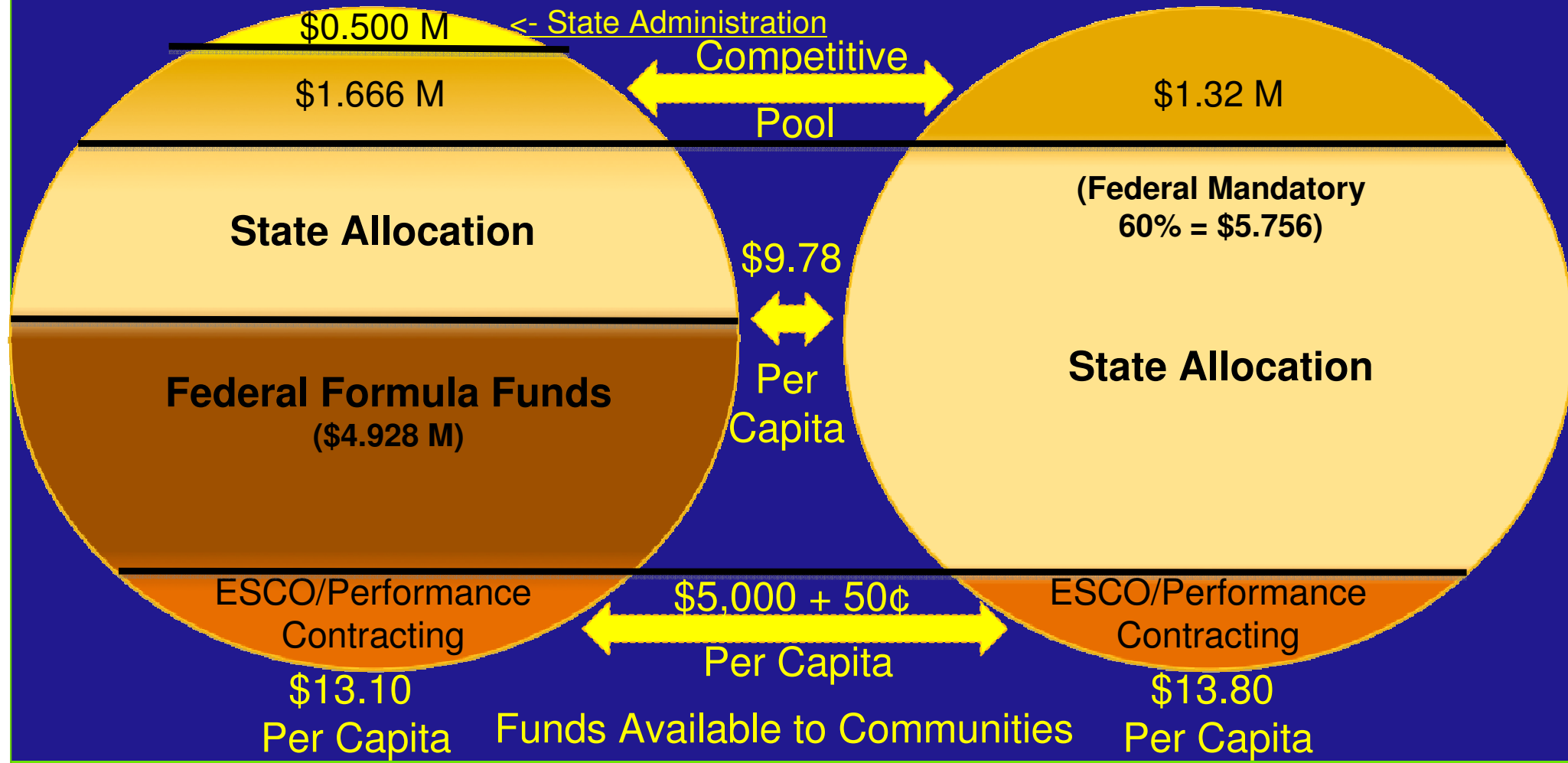


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ARRA: EECBG: \$ 9.593 M to State

Largest 10 Communities
(630,061 Population)

Smaller 29 Communities
(418,258 Population)



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Key ARRA Goals (metrics):

- Create and retain jobs
- Achieve energy cost savings (25% efficiency)
- Improvement efficiency by 25 %
- Reduce dependence on imported fuels
- Protect environment
- Transform markets
- Leverage funds
- Build program sustainability

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Key State ARRA Principles:

- Statewide – every community
- Diversity
 - Beneficiaries – across user sectors
(households, businesses, institutions, transportation)
 - Renewable energy resources
(wind, solar, geothermal, hydro, bio-mass)

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A PEAK ?

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A PEAK ?

OR

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A PEAK ?

OR

A TRANSITION ?

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PEAK = More, then return to *status quo ante*.

OR

TRANSITION = Move to new condition?

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THANK YOU !