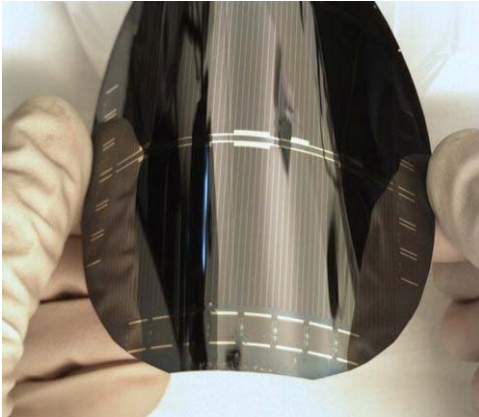


Office of Weatherization and Intergovernmental Program (OWIP)

U.S. DEPARTMENT OF
ENERGY | Energy Efficiency &
Renewable Energy



LeAnn M. Oliver
Program Manager

WIP Funding Levels

- State Energy Program (SEP)
 - **\$3.1 billion** under ARRA
 - **\$50,000 FY10** Current Approp.
 - **\$63,798 FY12 Congressional Request**
- Weatherization Assistance Program (WAP)
 - **\$5 billion** under ARRA
 - **\$29 million** under ARRA funds for Weatheriza
 - **\$210,000 FY10** Current Approp.
 - **\$320,000 FY12 Congressional Request**
- Energy Efficiency and Conservation Block Grant (EECBG) Program
 - **\$2.7 billion** under ARRA (formula grants)
 - **\$454 million for competitive Better Building Program** (run out of BTP)
 - Not included in FY12 budget request
- Tribal Energy Activities
 - **\$10,000 FY10** Current Approp
 - **\$10,000 FY12 Congressional Request**

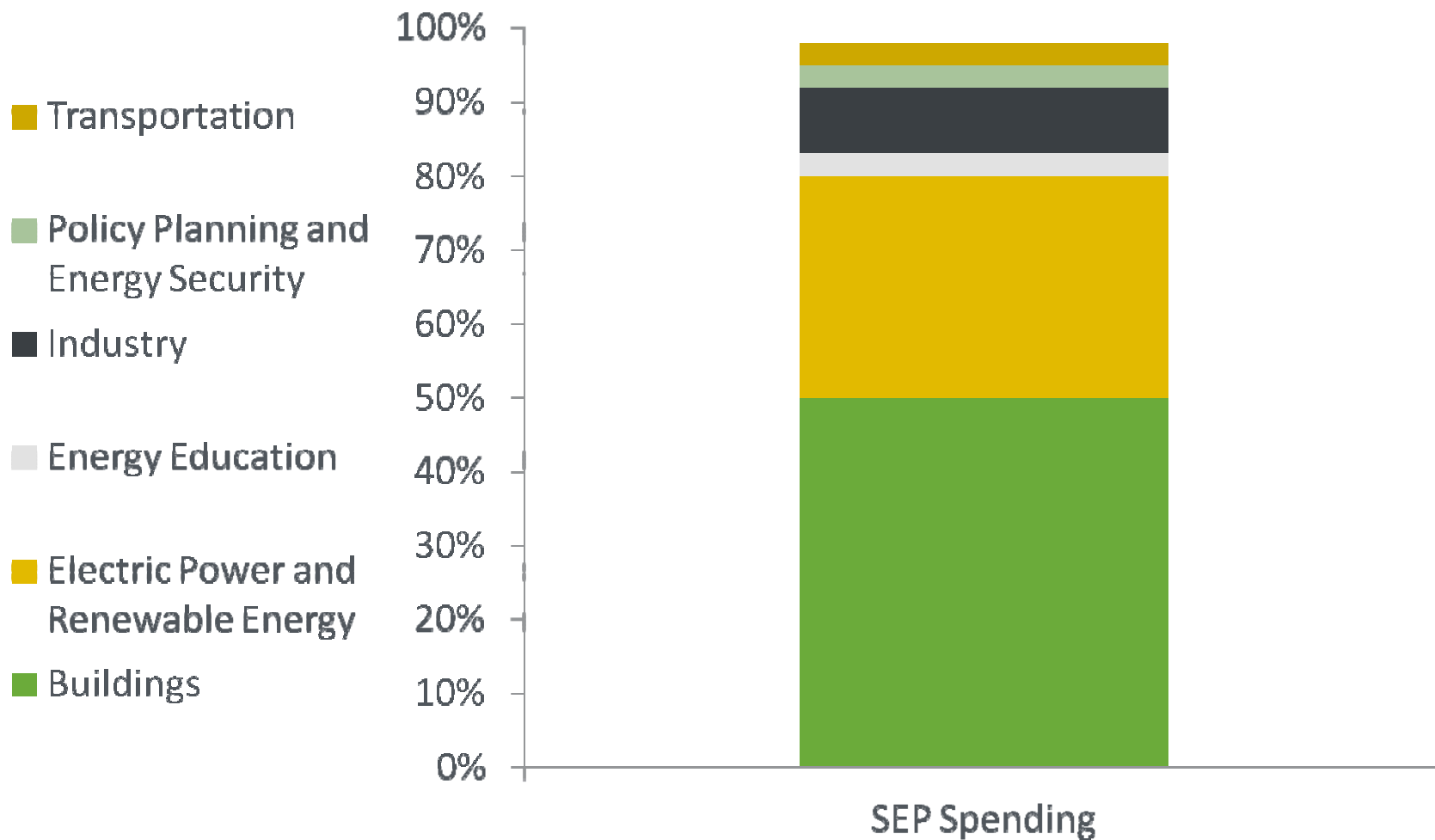


State Energy Program (SEP)

- ❖ Funds State Energy Offices through formula grants for project and planning, and through competitive grants for efficiency upgrades and renewable installations in state and local facilities
- ❖ Supports state capacity, project, and policy development for energy efficiency and renewable energy with modest investments (*Average appropriation 2001 – 2006: \$41.5 million*)
- ❖ Operates in all 56 States and Territories
- ❖ Programs include:
 - Renewable energy technology
 - Transportation measures
 - Industrial retrofits
 - Revolving loan funds
 - On-bill financing strategies
 - Performance contracting, and more



SEP Investing and Funding Financing Programs in Buildings, Renewable Energy and Upgrading Industry



Weatherization Assistance Program (WAP)

- ❖ Largest residential EE program in the nation, providing services to low-income single-family, multi-family, and mobile homes > 30 year history
- ❖ Operates in every state, District of Columbia, Native American tribes, and U.S. Territories > 58 Grantees contract with 1,007 local subgrantees (non-profits/ Community Action Agencies)



- ❖ 6.8 Million homes weatherized since inception (38 million eligible)
- ❖ Nearly 600,000 will be weatherized during Recovery Act period
- ❖ Services return \$1.80 in benefits for every \$1 invested
- ❖ Families see annual energy bills reduced by an average of about \$437

WAP: Leveraging Partnerships and Expanding Resources

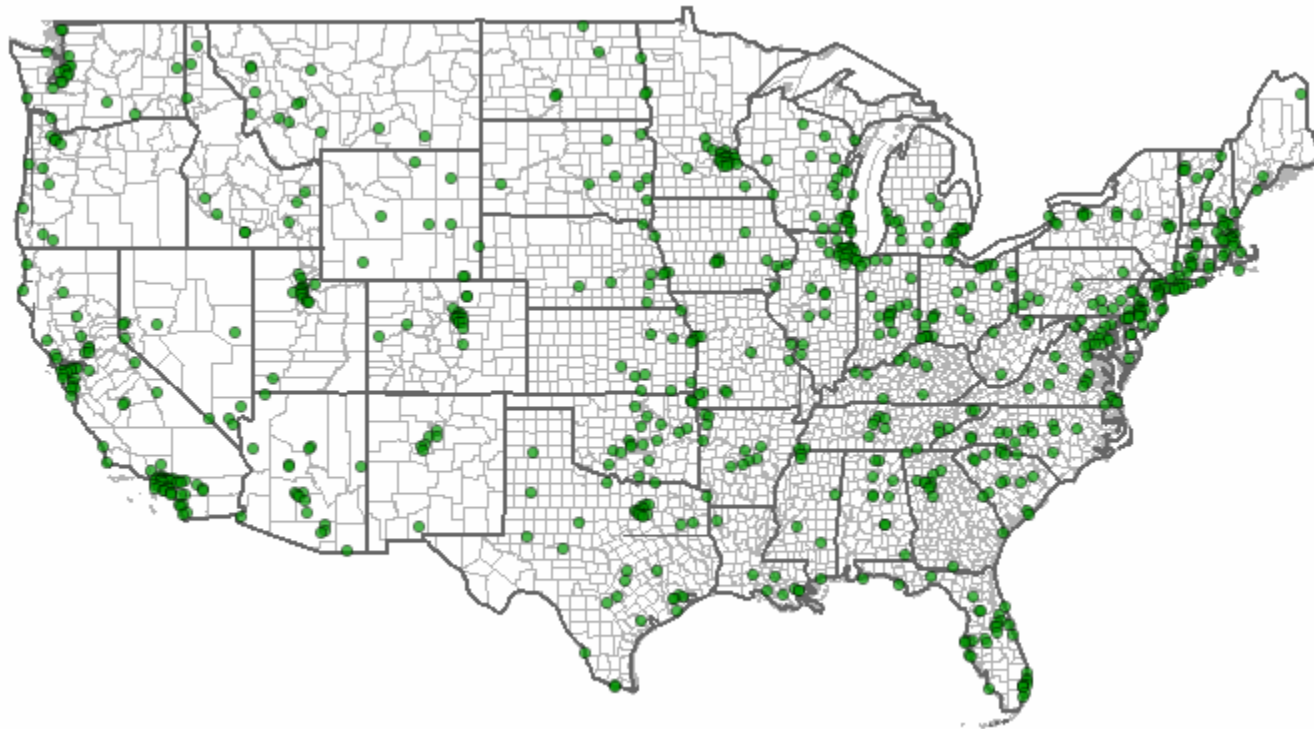
- ❖ Approximately 40% of grantees leverage utility funds each year
 - ❖ \$150 million - \$210 million leveraged annually since 2005 from private sources
 - ❖ \$350 million - \$600 million leveraged annually from federal and non-federal sources since 2005 (e.g. LIHEAP funds from HHS)
- ❖ WAP is training crews and contractors to become part of a broader workforce:
- ❖ With National Residential Retrofit Guidelines that are creating standard work specifications;
- ❖ Assisting training providers in developing consistent course content
- ❖ Increasing workforce mobility and laying a foundation for worker certification and training program accreditation architecture
- ❖ Building confidence among consumers



Energy Efficiency & Conservation Block Grant (EECBG) Program

- ❖ DOE's largest local government program, providing grants directly to cities and counties
- ❖ New program funded under ARRA, bringing together DOE and over 2,300 local communities for the first time
- ❖ Over 10,000 projects nationwide
- ❖ According to initial grantee self-reporting through December 2010, communities have:
 - ❖ Upgraded the energy efficiency of over 10,000 buildings;
 - ❖ Installed 40,000 energy efficient street lights;
 - ❖ And upgraded more than 100,000 traffic signals.

EECBG: Over 2300 Grantees Receiving Direct Formula Block Grants



Infrastructure Investments Include:

- Building Energy Upgrades
- Renewable Energy
- Financial Incentives and Programs
- Lighting Upgrades
- Transportation

Policy and Tools Investments Include:

- Clean Energy Policy
- Building Audits
- Workshops, Training and Education
- Codes and Standards
- EE Labeling and Rating

EECBG: Performance Contracting Success Story: Knox County, TN

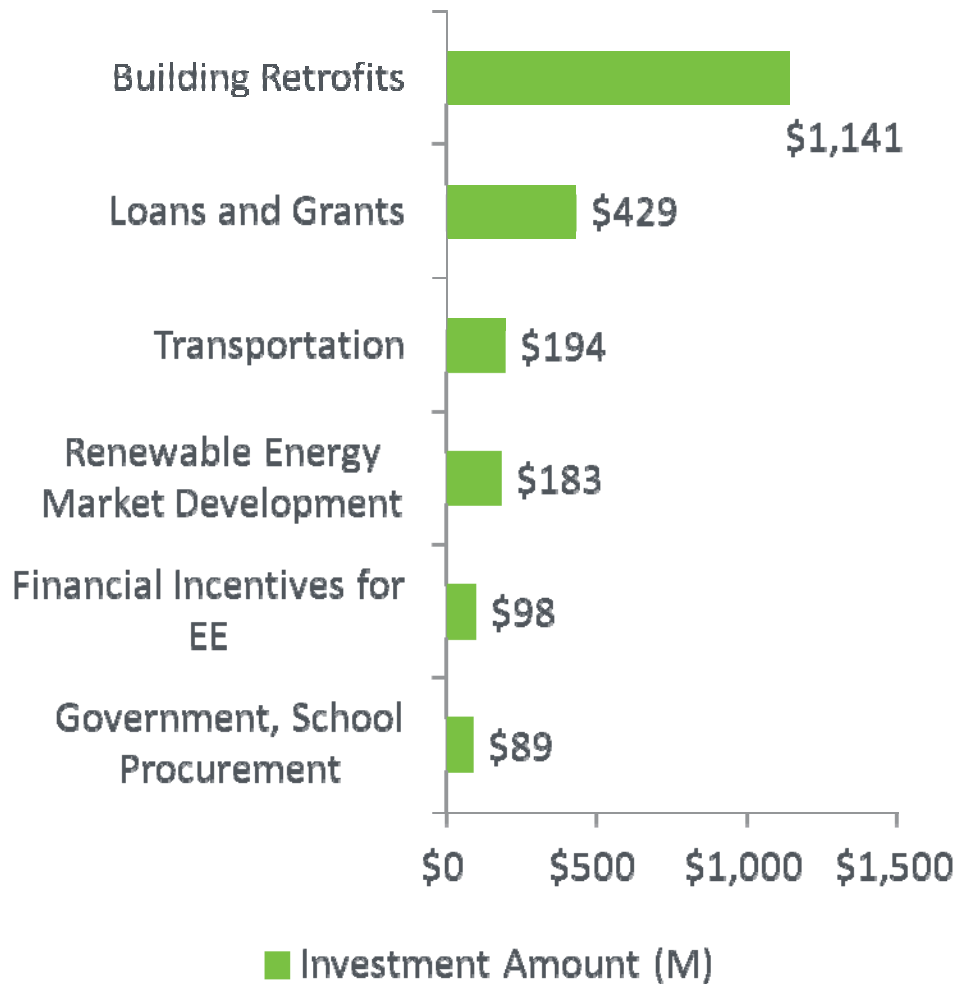


Knox County, TN

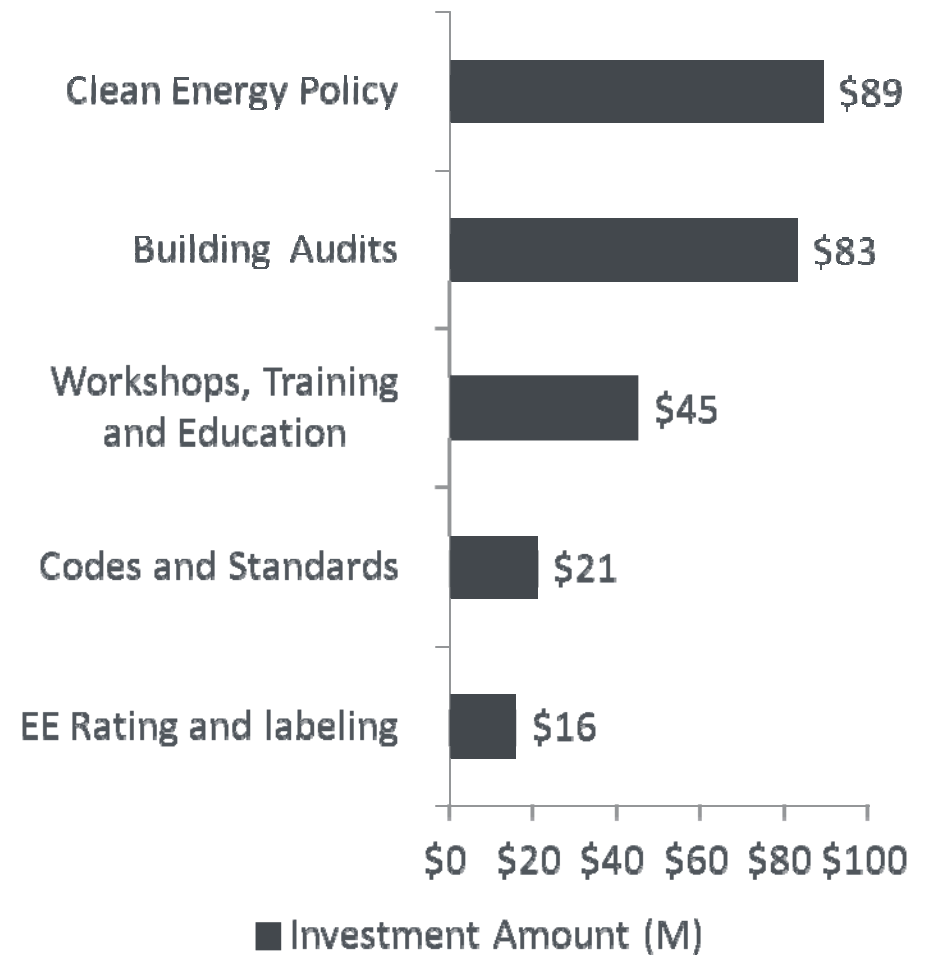
- A \$1.8 million solar thermal system for the county detention facility , was among the largest of 100 line items in the county's \$16.2 million performance contract with Trane
- 305-ground-level solar arrays produce nearly 14,000 gallons of hot water a day, or roughly 80 percent of the facility's daily hot water demand (cooking, laundry, hygiene) for 900+ inmates and staff
- Project will save over 6,000 gallons of heating oil every year and allow the county to cancel a heating oil contract.
- Project completed in July, 2010

EECBG: Making Investments for Today *and* the Future

Majority of Funds for Capital Equipment Investments with Immediate Benefits

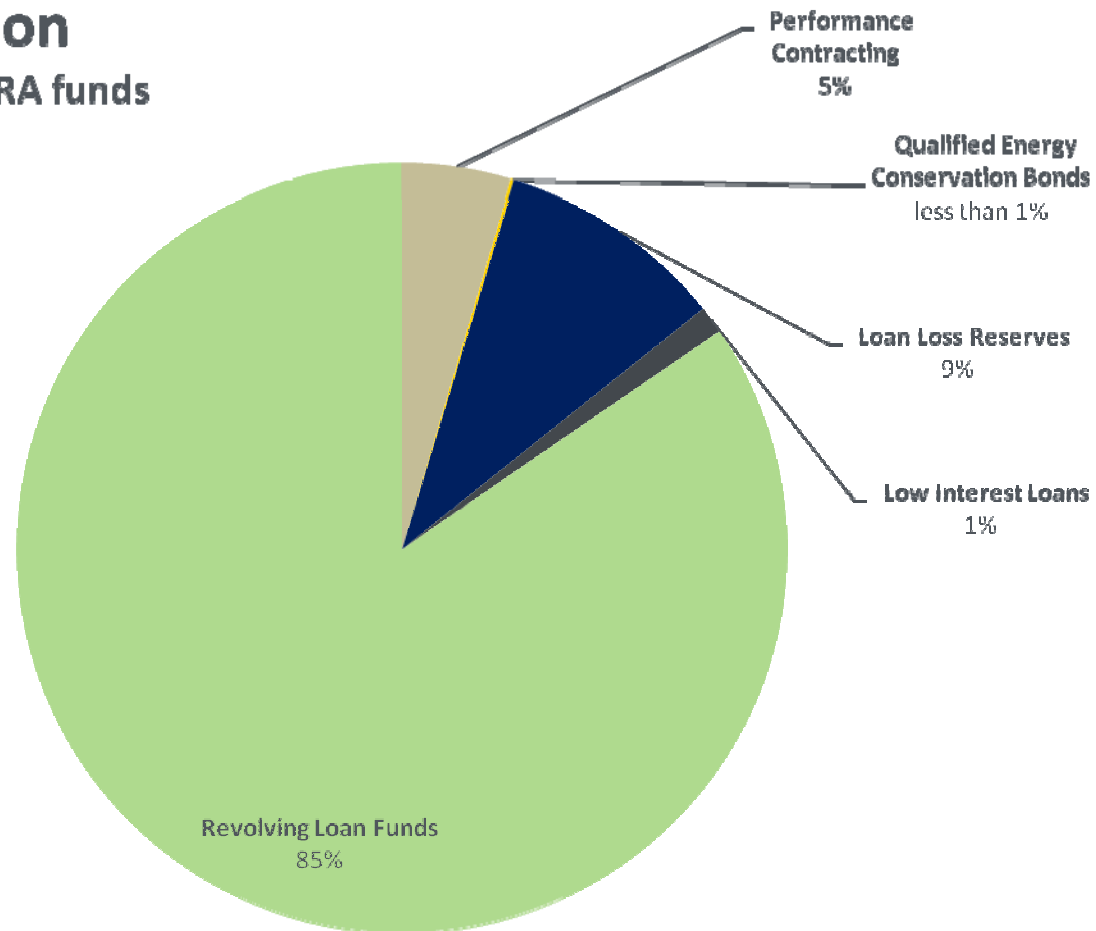


Smaller but Important Investments in Shifting Local Approach to Energy



SEP ARRA: Focus on Financing

\$759 Million
25% of SEP ARRA funds



Current Innovations

- ❖ SEP - \$2.86M to assist states in developing policy / program frameworks to support investment in cost-effective EE for the long term.
 - ❖ Builds on the National Action Plan for Energy Efficiency Vision for 2025
 - ❖ Helping states with little-to-no current EE program savings become leaders in reducing electricity consumption
 - ❖ Focus on states that have achieved less than 0.5% savings relative to electricity sales and/or States that have invested <1% of total electricity or gas revenues in energy efficiency*
 - ❖ Frameworks generated through inclusive stakeholder process

* From the ACEEE 2009 State Energy Efficiency Scorecard

Current Innovations

❖ WAP - Weatherization Innovation Pilot Program (WIPP): **\$30 million** in FY2010 to increase the leverage of Federal funding through partnerships with traditional and/or nontraditional service providers. **16 selections** include:

- ❖ Financing programs
- ❖ Workforce development/ Volunteer approaches
- ❖ Green and healthy homes
- ❖ New technologies
- ❖ Behavior interventions

❖ WAP - Sustainable Energy Resource Consumer Grants (SERC): **\$90 million** in grants to 27 states, 100 local agencies to expands funding for materials, benefits, and renewable and domestic energy technologies not currently covered under WAP including:

- ❖ Solar hot water, solar PV, solar home heat, high-efficiency hot water heating (tank-less heat pump), residential wind, cool roofs, in-home devices, innovative foam insulation

* From the ACEEE 2009 State Energy Efficiency Scorecard

Going Forward: Encouraging Best Energy Policies

- ❖ OWIP Technical Assistance (TA) - Helping communities capitalize on success
- ❖ Best Practices Campaign: Identify leading grantees, outline best practices and promote the adoption of sustainable models

- ❖ Outreach/ Coalition building
- ❖ Leading by example (LBE)
- ❖ Financing strategies
- ❖ Policy/codes/regulations



- ❖ State and Local Clean Energy Summit May 18-19: First in a series of policy focused meetings to address sustainability in the post-ARRA period



Thank You

Office of Weatherization and Intergovernmental Program
Energy Efficiency and Renewable Energy



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