

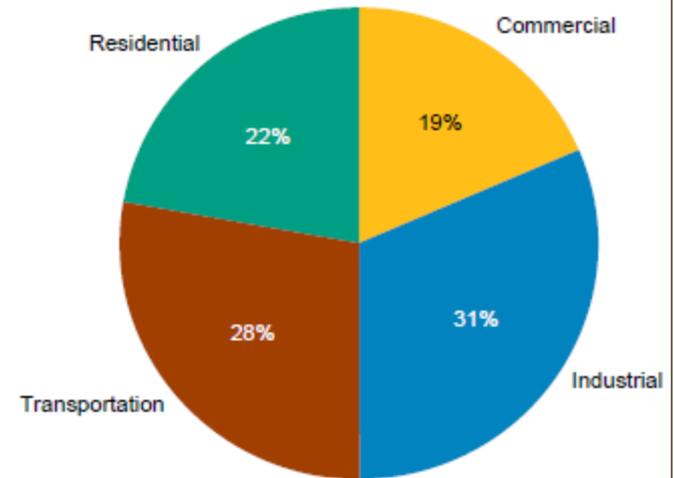


GO GREEN, BE GREEN  
LIVE **ARMY** GREEN

## **RCI Energy Conservation Program (RECP) Update**

- ★ In 2011, the U.S. building sector, residential and commercial, accounted for an estimated 41% of total energy use
- ★ Energy demand in the world is projected to approximately double and CO2 emissions to increase by 50 – 150 % by mid-century
- ★ This energy demand growth results from improvements in wealth, lifestyle change, access to modern energy services and adequate housing, and urbanization.
- ★ There are significant risks associated with the long lifespans of buildings and related infrastructure
- ★ Reducing energy consumption in buildings has considerable and diverse co-benefits in addition to energy cost savings. These include improvements in energy security, health, environmental outcomes, workplace productivity, in addition to being a role model for our children.

End-Use Sector Shares of Total Consumption, 2011



- Sep 1998** OSD established mandatory privatization utility policy
- Feb 1999** Army said they would not follow OSD guidance
- Dec 2000** Legislation required project to pay -- derailed Army utility policy
- Jan 2001** Army held Ft. Hood RCI project pending resolution
- Mar 2001** OMB / HAC MILCON Subcommittee rejected Army policy
- Apr 2001** SECARMY agreed to align Army utility policy with OSD
- Apr 2003** Initial Army Utility Policy Implementation Workshop
- Jan 2004** Implementation Session with sites / partners
- Sep 2006** Official rollout of Army Resident Responsibility for Utilities Program
- Mar 2007** Program policy update (utility baseline/buffer and trigger)
- Aug 2008** Program policy update (included admin/late fees, dispute resolution)
- Apr 2010** Rebranded to RCI Energy Conservation Program (RECP), aka, "Live Army Green"; refocus efforts on Army Senior Leaders and Family Members



## PAST: How the Army measured utility consumption in housing

- ★ **Master meters**
  - Many housing and non-housing uses in the meter coverage area
  - Most installations used square footage or other engineering methodology to calculate consumption
- ★ **Housing (dollars) ended up supporting other installation utility costs**
- ★ **No incentive**

## PRESENT: Current RCI Policy

- ★ **Individual meters**
- ★ **Baseline is calculated for each distinct housing type**
- ★ **EFMP and special command positions receive baseline adjustments**
- ★ **Most projects use a buffer above & below the baseline ranging from an average of 5% up to 10-15% (case by case approval by ISP)**
- ★ **Residents are incentivized to reduce overall consumption**
- ★ **Savings are reinvested into the project**



- ★ Army’s program is a DoD “best practice”; Navy used Army model in development of their program, Air Force is moving to same.
- ★ Over 70K RCI homes (87%) now in live or mock billing (41 of 44 RCI Projects)
- ★ Total savings over \$60M to date – funds reinvested into projects to add/maintain homes and to improve quality of life
- ★ Average 18-23% reduction in energy usage over the program life
- ★ Formerly the Resident Responsibility for Utilities Program; rebranded to RECP in 2010
  - New materials for training stakeholders (residents, adult /youth family members, partner employees)
  - Renewed focus on resident energy conservation practices
  - Promote the team effort – everyone’s got a part in saving energy



LIVE **ARMY** GREEN



**Tips for being GREEN**

- Help recycle cans, bottles and paper at home and at school
- Ride your bike or walk to school if you can, too many cars equals a lot of air pollution
- Use both sides of your paper at school and at home
- Don't leave the water running while you're brushing your teeth
- Turn the lights off when you leave a room
- Always turn the TV off when your finished watching it
- Use sponges or washable cloths to clean up your messes instead of paper towels
- Don't leave the refrigerator door open- get what you want quickly and shut the door
- Don't ever think you're not important to our Earth- YOU ARE



**Recent survey provided to GCs/GCSMs of all RCI project installations (44 total installations 34 total projects). Responses totaled 26 as of 25 Jul 14.**

**9 Total Questions:**

1. Do you have concerns about the execution of the RECP at your installation? If so, what is the nature of these concerns?
2. As a Garrison CDR/CSM - are you satisfied with the execution and management of your RECP? If so, what is the nature of your satisfaction?
3. Do you receive customer complaints? If so, please describe.
4. Do you receive positive comments about the RECP? If so, please describe.
5. What changes, if any, would you make to the RECP program?
6. Any other comments for us to consider?
7. Would you like HQDA to pay you an RECP assistance visit?
8. Have you been personally briefed on the Live Army Green program and if you have, who briefed you?
9. Would you like ACSIM to provide a brief to you and your staff?



## Results

**Overall consensus is that the RECP is working effectively**

### Synopsis:

- ★ Execution Satisfaction--96% generally satisfied
- ★ Complaints--most get only a few resident complaints; typically ref lack of program knowledge
- ★ Kudos—rare

### Recommendations:

- ★ Approximately 1/3 recommend eliminating the buffer
- ★ More standardization of RECP policies/processes

### Significant Misc Comments:

- ★ Address small groupings
- ★ Explore metering for water
- ★ Hamilton, Hood, Lee, Huachuca, WSMR, Picatinny, Yuma, and West Point requested ACSIM assistance visits or briefs



- ★ **Diminishing Returns**
- ★ **Buffer / Go/No Go**
- ★ **Appliances / Energy Star**
- ★ **Grouping of Homes**
- ★ **Historical Homes**
- ★ **Consistent Practices**
- ★ **Constant Drum Beat**



- ★ **Maintaining buy-in & active support of Army leadership at all levels**
- ★ **Delinquent payment collections**
- ★ **Ensuring a seamless process for resident billing: real-time data for review by residents, real time true-up of final bill.**
- ★ **Education for residents, installation leaders, and project employees**
- ★ **Changing resident behavior**



- ★ **Partner/Army representatives must continue to inform GC and SC about program**
- ★ **Meeting on Thursday for select installations, partners, and utility representatives**
- ★ **Will ensure discussion at Garrison Leaders Course**
- ★ **Continuing to look at sustainability opportunities throughout the portfolio**
- ★ **Continued focus on training, communication, and an understanding of the program**

**MUST BE A CONSTANT DRUMBEAT**



- ★ *Go Green*
- ★ *Be Green*
- ★ *Live ARMY Green*

