



# **Department of Navy**

## **Resident Energy Conservation Program**

### **Community Briefing**



***Aug 17 & 18 Sharkey Theater 5:30 pm***

***Aug 19 Pearl City Peninsula Community Center 5:30 pm***

***Aug 23 Shenanigan's Restaurant, Pacific Missile Range Facility, Kauai 6:00 pm***

***Aug 24 Ford Island Conference Center, 5:30 pm***

***Aug 25 Pearl City Peninsula Community Center 5:30 pm***

***Aug 26 Wahiawa Annex Chapel 5:30 pm***



# Agenda

- **Background**
  - OSD policy
  - Why save energy?
- **Program Description**
  - Implementation Schedule
  - Billing Process





# Background

- In 1998, the Office of the Secretary of Defense (OSD) established policy for the payment of utilities in privatized family housing to encourage a reduction in energy consumption. Two tenets:
  - Private-Public Venture (PPV) projects will establish a BAH revenue amount to set aside for average utility usage
  - Residents will be required to pay for excessive usage and benefit from conserving
- The DoN Resident Energy Conservation Program (RECP) supports this OSD policy





## *Pilot RECPs*

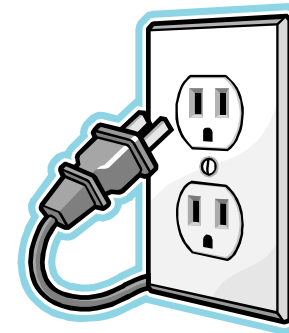
- **A joint USN-USMC pilot RECP at Navy Region Hawaii (Oahu & Kauai), Marine Corps Base Hawaii, and Beaufort/Parris Island**
  - Forest City Hawaii is the PPV Partner for both Hawaii projects
  - Pilot will be evaluated after one year of billing
- **Designed to encourage energy conservation by providing a financial incentive to conserve electricity**
- **Schofield started mock billing in July; Hickam slated for 2013**





# Why Save Energy?

- Reducing dependence on fossil fuels & foreign oil increases our national security & helps ecosystem
- Hawaii has the highest electric rates in the U.S—rates are rising
  - Apr 10: Hawaii was \$0.27/kWh; national avg was \$0.11/kWh
- The project's electric bill for 2010 projected to be over \$19M
  - About 48% of project costs to operate homes goes to utilities
- Money saved from reducing utility consumption goes to improving homes, neighborhoods and services





# *Pilot Implementation Schedule*

- **Education and Communication Phase: 14 Jul-31 Aug**
  - CNRH & Forest City websites activated
  - Ho'okele article, notification letters
  - Community meetings
  
- **Mock Billing Phase: 1 Sep-31 Dec**
  - Allows residents to understand bill
  - Forest City will help high users assess home energy efficiency and usage
  - Allows residents to adjust usage habits as necessary
  - Sign new leases
  
- **Live Billing Phase: 1 Jan 11-31 Dec 11**
  - Credits and payments occur





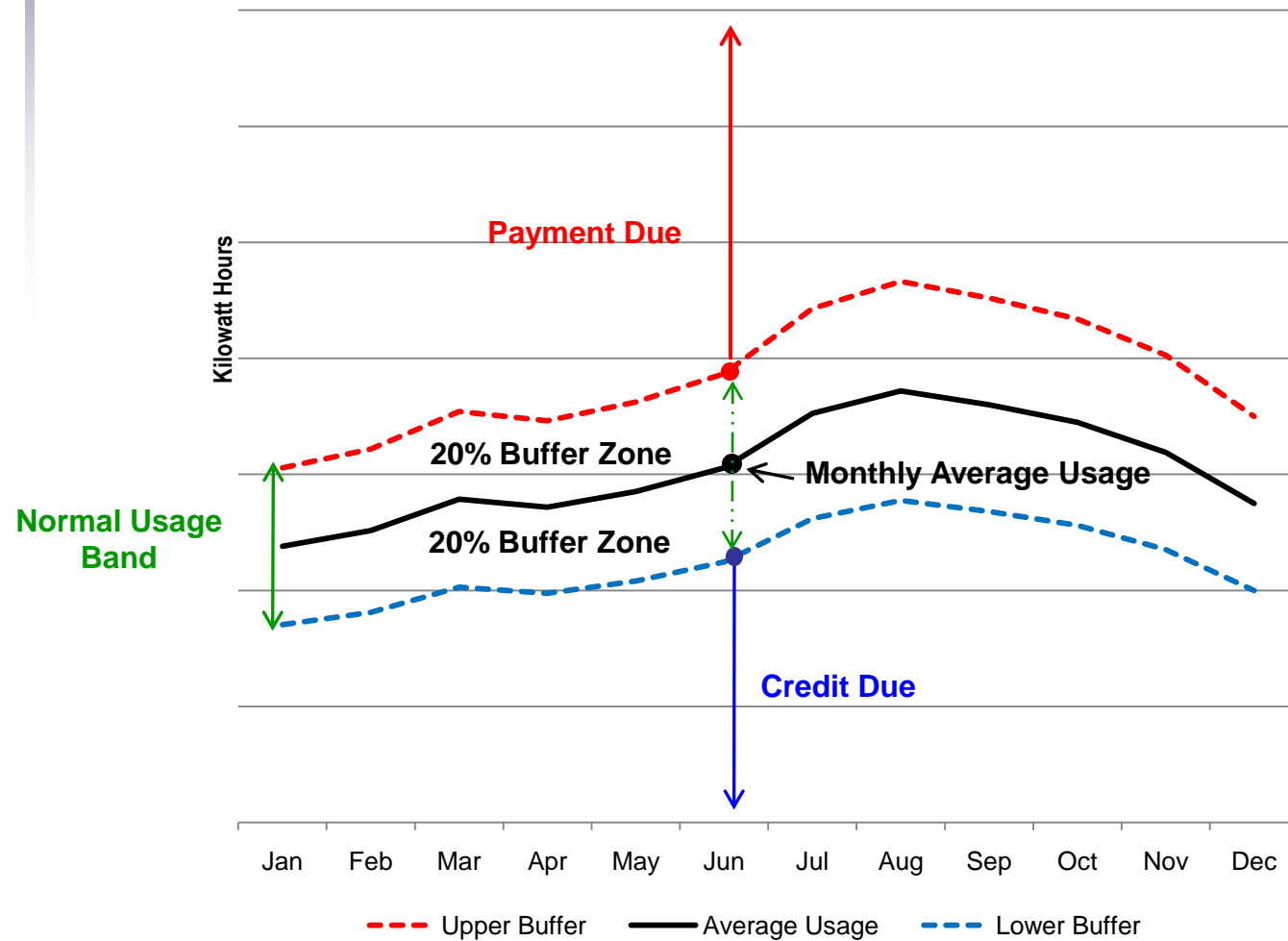
# Billing Process

- Every home will be assigned to a like-type group and their monthly average usage will be calculated
  - Homes grouped by number of bedrooms, size, and year built
  - Homes not included in calculation if unoccupied for any part of month
  - Highest 5% and lowest 5% of users not included in the calculation when more than 20 homes in a group
- The monthly average usage will be multiplied by the current electric rate to obtain the monthly average electric bill.
- Buffers will initially be set 20% above and 20% below the monthly average usage to establish a normal usage band
- Residents below the normal usage band will receive a credit, and those above the band will pay for the excess usage





# When Payments and Credits are Due

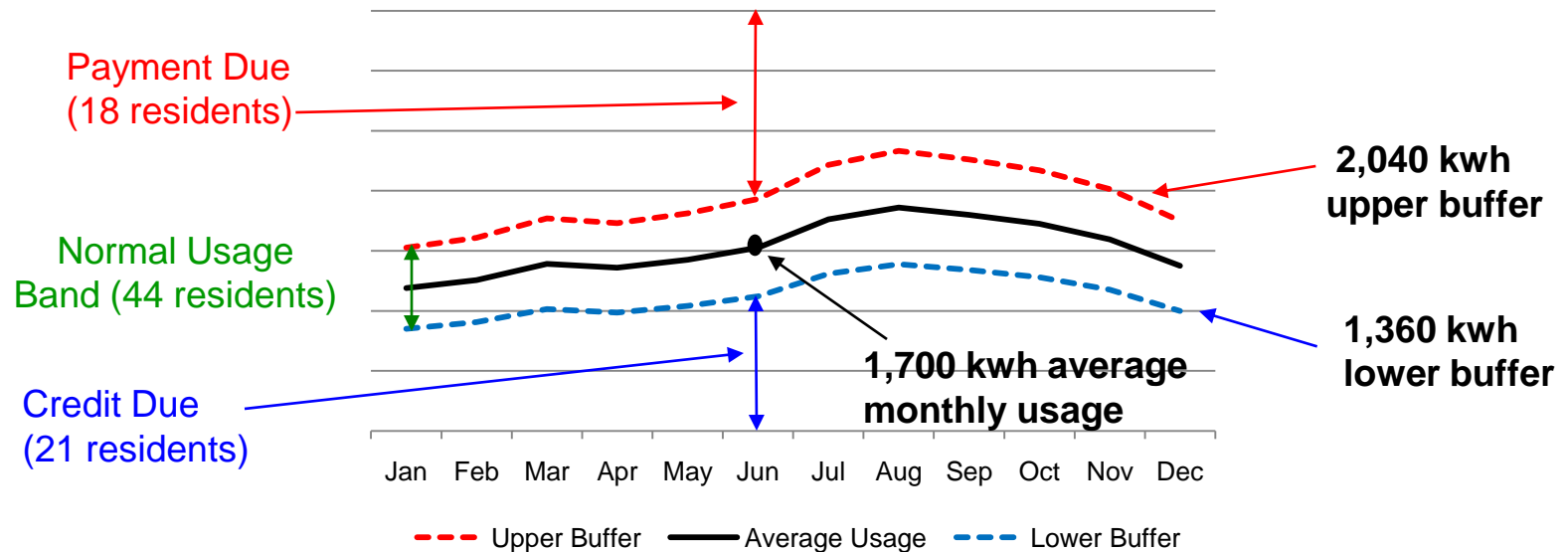






# Sample Calculation (Jun 2010)

- **Like-Type Group: 98 3-BR homes at McGrew Point**
  - 2,125 - 2,344 square feet
  - Built in 2005 - 2007
- **83 homes occupied for entire month**
- **Removed top 5% users (4 homes) and bottom 5% users (4 homes)**
- **75 users had average monthly usage of 1,700 kwh**





# Sample Bill

Credit received or balance due

Monthly average usage for your like-type group

Your usage this month compared to other similar homes

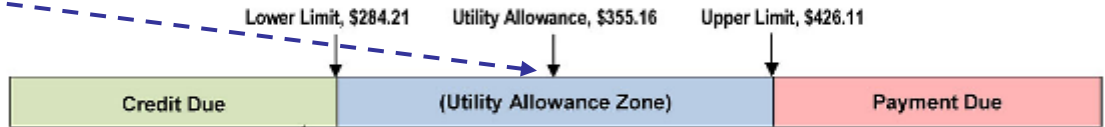
Your usage history

## Your Account

Address	Account Number .....	987654321	Previous Balance .....	\$42.58
Scott J. Harper	Invoice Number .....	22334455	Payments (Thank you!) .....	(\$42.58)
1234 Anderson Avenue	From .....	Dec 1, 2010	Current Charge (Credit) .....	(\$12.64)
Honolulu, HI 98818	To .....	Dec 31, 2010	Balance Forward .....	(\$12.64)
	Length .....	31 days		
	Invoice Date .....	Jan 15, 2011		
<b>Amount Due</b>	<b>\$0.00</b>			

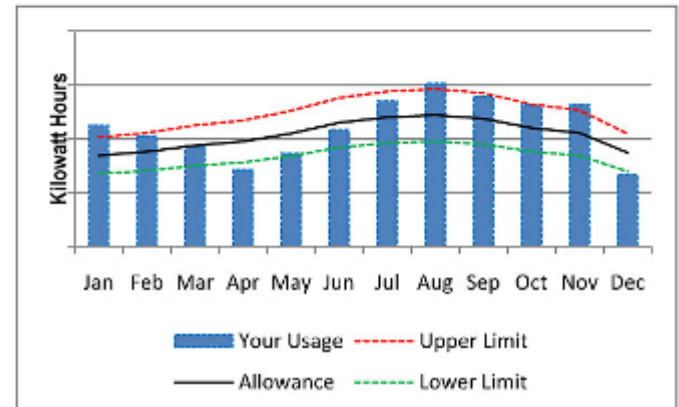
## Service Details

Meter No	Begin Read	End Read	kWh	\$/kWh
66779988	12054	13386	1,332	0.20388
Upper Limit			2,090 kWh	\$426.11
Average of Like-Type Homes (Utility Allowance)			1,742 kWh	\$355.16
Lower Limit			1,394 kWh	\$284.21
Your Usage			1,332 kWh	\$271.57
<b>Amount Owed/(Credit Amount)</b>			<b>-62 kWh</b>	<b>(\$12.64)</b>



Your Usage = \$271.57

Your Usage Profile		
Month	kWh	Amount
Jan 2010	2,250	\$458.73
Feb 2010	2,200	\$448.54
Mar 2010	2,075	\$423.05
Apr 2010	1,965	\$400.62
May 2010	2,050	\$417.95
Jun 2010	2,150	\$438.34
Jul 2010	2,300	\$468.92
Aug 2010	2,365	\$482.18
Sep 2010	2,200	\$448.54
Oct 2010	2,250	\$458.73
Nov 2010	2,380	\$485.23
Dec 2010	1,332	\$271.57





# Payments and Credits

## ■ Payment Options

- Personal check to the billing company when bill is over \$15
- Credit card payment at [www.yardiutilitiesph.com](http://www.yardiutilitiesph.com)
- Direct payment from your checking account



## ■ Credit Options

- Receive a check from the billing company when credit is over \$15
- Choose to carry-over credit amounts from month-to-month
- May change election once a year at anniversary of your lease signing





# New Leases

- **New leases are required to reflect the new requirements of the RECP program for residents to pay for excess electrical consumption and receive credits for conservation**
- **Residents will begin signing new six-month leases starting as early as October 2010**
- **Lease signing sessions planned so everyone has new lease NLT 31 Dec 2010 with effective date of 1 Jan 2011**





# Exceptions

- **Wounded Warriors are exempt from the RECP program**
- **Residents with Exceptional Family Members (EFMs) may request a waiver from participation**
  - **EFM sponsor sends a request for a waiver to the NAVREGHI Family Housing office**
  - **Provides documentation from EFM office with reason requiring excess electric consumption**
  - **EFM Families waived will not be eligible for rebates**
- **Currently excluded unmetered neighborhoods:**
  - **Manana and Red Hill Terrace**
  - **Un-renovated Camp Stover homes**
  - **Halawa and historic Hele Mai**





# PPV RECP Websites

- **Navy Region Hawaii's RECP website is:**

<http://greatlifehawaii.com/recp/>

- **Forest City's RECP website is:**

<http://fcnavyhawaii.com/>



- **A billing website is coming o/a 24 Aug where residents can access and easily view their usage information**
  - Electric usage through any given day of the month
  - A projection of monthly usage based on current trends
  - Comparison of usage with the like-type group average usage
  - A projection of whether the residents can expect to receive a credit or have a payment, or neither
  - Current bill compared to historical usage



# Summary

- RECP implements OSD policy to encourage energy conservation
- Provides incentive for residents to manage electric usage much like military families living in the civilian community
- Residents receive credit for conserving more than normal and only pay for excessive usage
- Generates savings that are used to provide long-term sustainability and benefits to PPV neighborhoods
- Right thing to do





# *Points of Contact*

**For questions about the RECP, please contact:**

**Mr. Darryl Nii  
NAVREGHI PPV Director  
808-474-1825**

**Mr. Jim Muratsuchi  
FCRM Regional Manager  
808-839-8600**







# Questions?





# *Community Meeting Schedule*

- Aug 17 and 18 Sharkey Theater, JBPHH at 5:30 pm
- Aug 19 – Pearl City Peninsula Community Center at 5:30 pm
- Aug 23 – PMRF Shenanigan's restaurant at 6 pm
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