



# ***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*

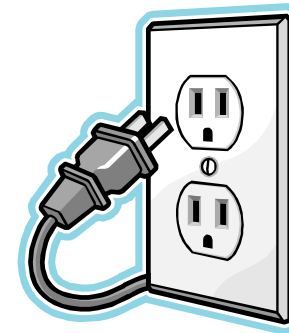
- A joint USN-USMC pilot RECP at Navy Region Hawaii (Oahu & Kauai), Marine Corps Base Hawaii, and Beaufort/Parris Island
  - Forest City Hawaii is the PPV Partner for both Hawaii projects
  - Pilot will be evaluated after one year of billing
- Designed to encourage energy conservation by providing a 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





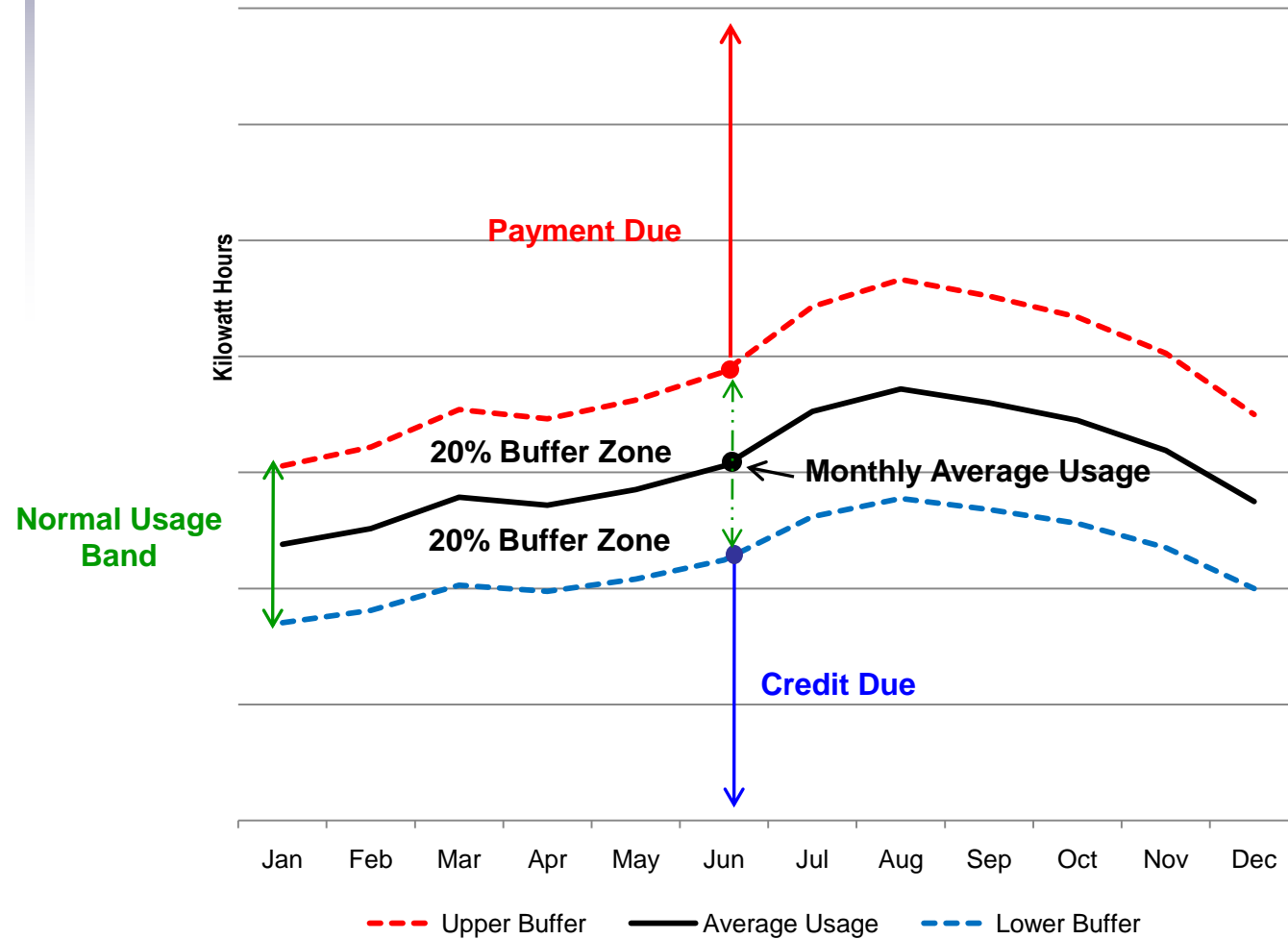
# Billing Process

- 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

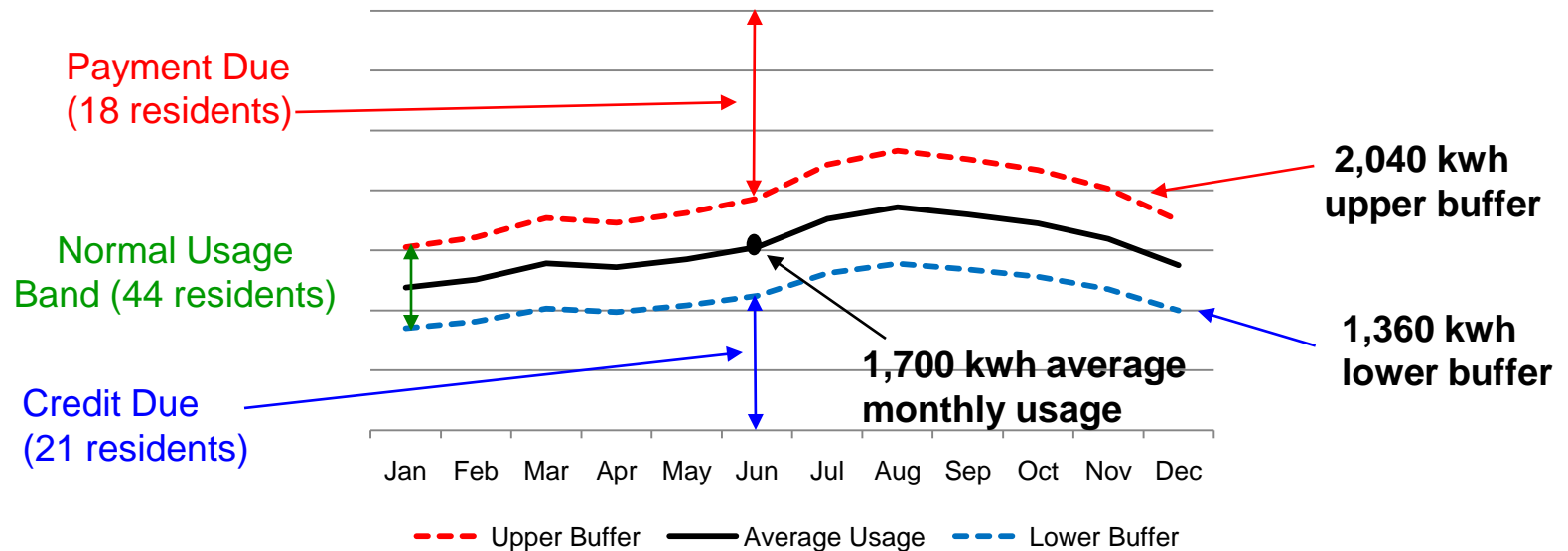






# Sample Calculation (Jun 2010)

- **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

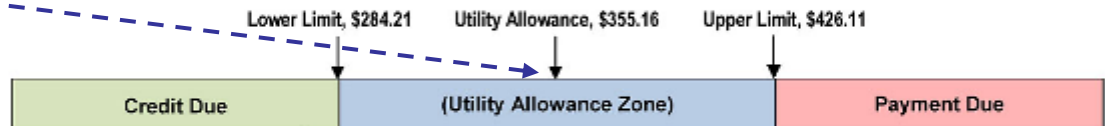
Your usage history

## Your Account

Address	Account Number .....	Previous Balance .....
Scott J. Harper	Invoice Number .....	Payments (Thank you!) .....
1234 Anderson Avenue	From .....	Current Charge (Credit) .....
Honolulu, HI 98818	To .....	Balance Forward .....
	Length .....	
	Invoice Date .....	
<b>Amount Due</b> \$0.00		

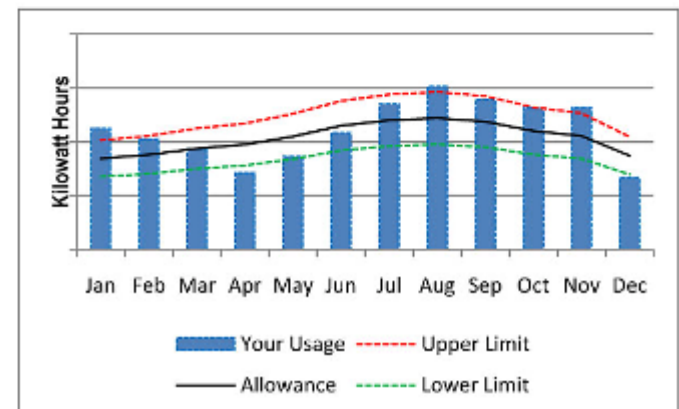
## Service Details

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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