



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





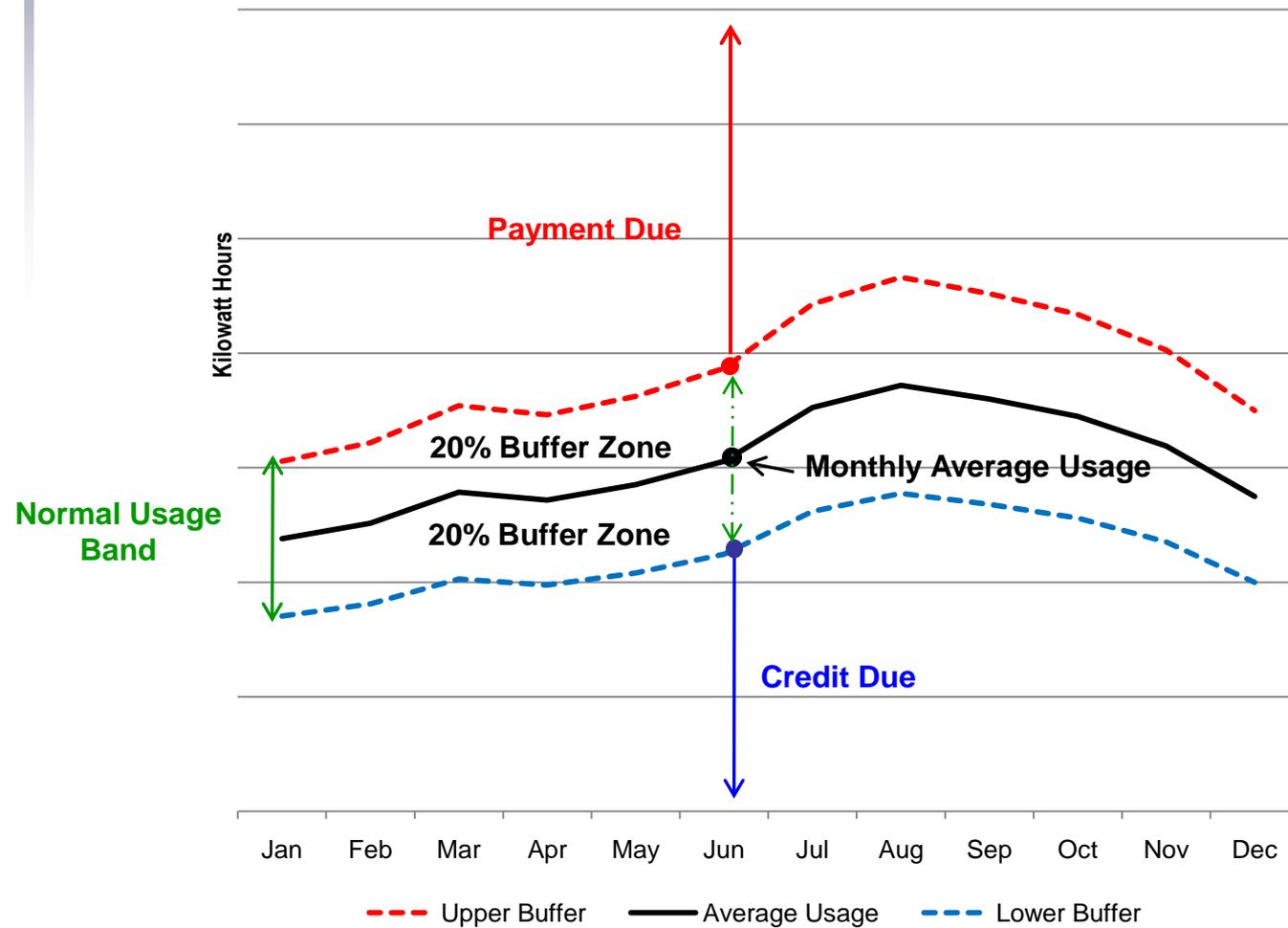
Billing Process

- 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





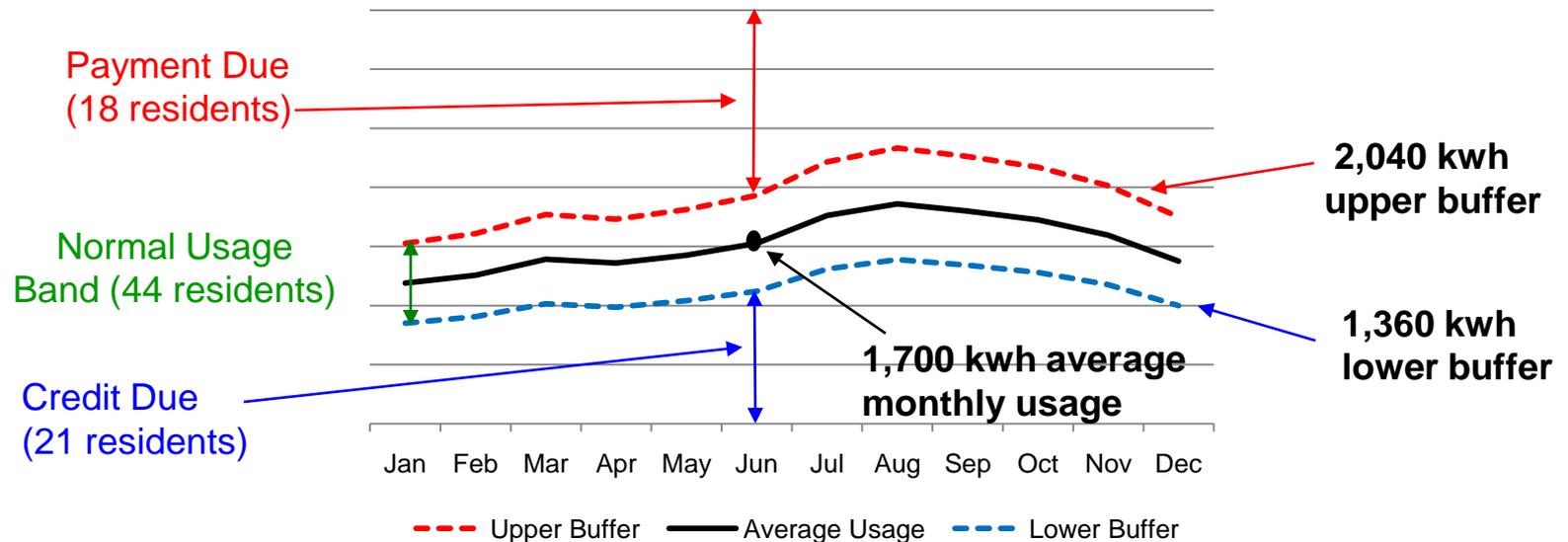
When Payments and Credits are Due





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

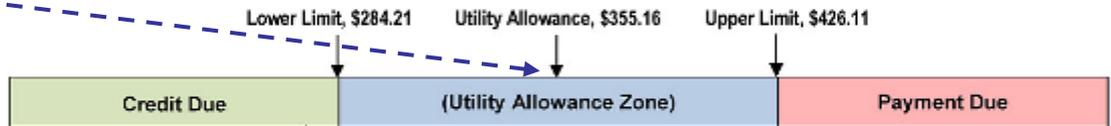
Your usage history

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		
Amount Due	\$0.00			

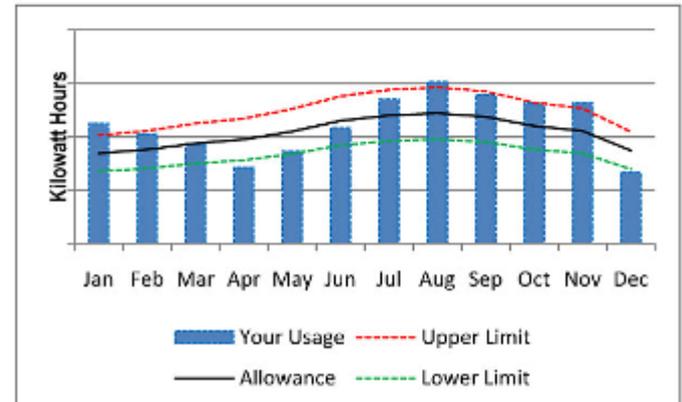
Service Details

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
Amount Owed/(Credit Amount)			-62 kWh	(\$12.64)



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
- 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:

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FCRM Regional Manager
808-839-8600**





Questions?





Community Meeting Schedule

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