



# Resident Energy Conservation Program (RECP)

13 Jun 2012 brief for  
MCAS Cherry Point Town Hall

# RECP TOWNHALL AGENDA

- Program Definition and Purpose
- Program Description (How it works)
- Pilot Program Sites and Results
- USMC RECP Implementation Overview
- RECP Timeline for MCAS Cherry Point
- Questions

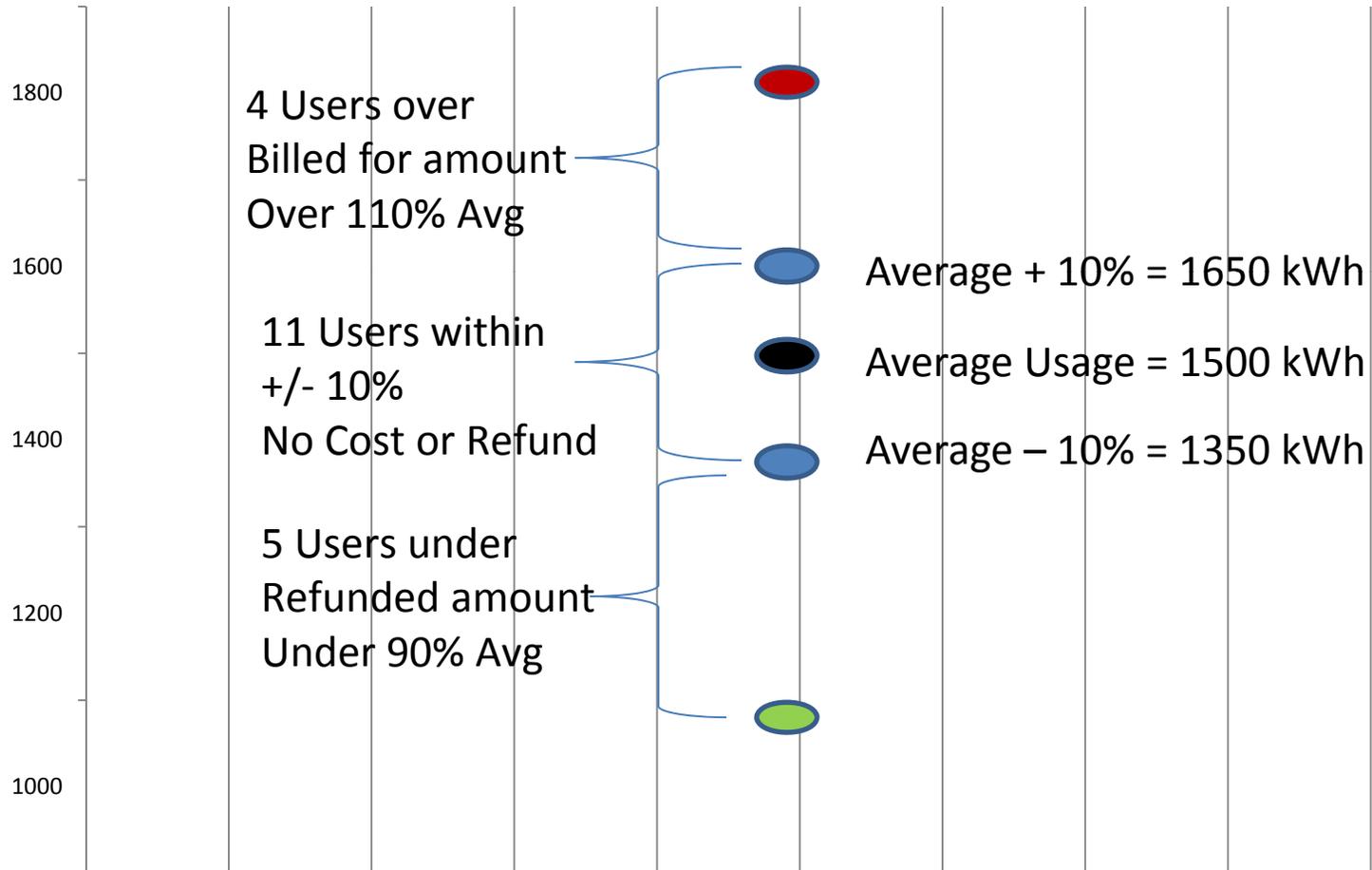
# Program Definition and Purpose

- DoN Initiative being Implemented by HQMC/MCICom at all Marine installations
- **Purpose:** *Reduce residential energy consumption by incentivizing energy conservation and charging for excessive use*
- **Method:** Bill residents for energy usage above baseline “regular” usage and refund them for savings below baseline “regular” usage
- **Endstate:** **Lower overall energy consumption**

# How the Program Works

- “Like” housing categories are established
- Houses are metered
- Average is re- calculated each month
- Residents are billed for usage that exceeds the average by more than 10%
- Residents are credited for usage that is below the average by 10%

# Sample RECP Calculation



# Pilot Program Sites and Results

- 2 Pilot Sites in CY 2011: Hawaii and Tri-Command (Parris Island, MCAS Beaufort, Beaufort Naval Hospital)
- Overall Energy Consumption dropped by 8-9%
- Most residents saw no change

# USMC RECP Implementation Plan

- 3 months detailed notifications and town halls
- 3 months of “Mock Billing” to start Oct 2012
- Live billing commences for most housing units in Jan 2013

# RECP Timeline for MCAS Cherry Point

- **JUN 8: MCAS CP CO RECP notification letter mailed to residents**
- **JUN 13 (Today): RECP Kick Off Townhall .**
- **JUL-SEP 2012: Housing Office and AMCC finalize “like type groups” based on tracked energy usage**
- **JUL-DEC 2012: AMCC Managers schedule residents to sign lease addendum**
- **OCT 2012: First “Mock Billing” Period**
- **NOV 2012: “Mock Bill” sent to residents for OCT billing period**
- **DEC-2012: RECP Super Saver Award and Q&A Event**
- **DEC 2012: Final lease addendums signed**
- **JAN 2013: First “Live Billing” Period**
- **FEB 2013: “Live Bills” and Refund Checks sent for JAN billing period**
- **FEB 2013: RECP Super Saver Award and Q&A Event**

# Questions?

**MHO POC:** LtCol Paul W. Miller

252-466-2107 [paul.w.miller@usmc.mil](mailto:paul.w.miller@usmc.mil)

<http://www.marines.mil/unit/mcascherrypoint/Pages/Housing/Housing.aspx>

<http://www.atlanticmcc.com/Cherry-Point/Resident-Programs/Resident-Energy-Conservation-Program>

# Backup Slides

The following backup slides are from the pilot site implementation lessons learned by AMCC at the PI/Beaufort site. Some additional links are:

- <http://www.atlanticmcc.com/Tri-Command/Resident-Programs/Resident-Energy-Conservation-Program>
- 
- <http://www.mcrdpi.usmc.mil/ops/housing/energy.asp>
- 
- <http://www.greatlifehawaii.com/recp/>

*Marine Corps Resident Energy Conservation Program  
(RECP)  
MCRD Parris Island and Naval Hospital Town Hall*



# *Welcome*

## Agenda

- Col Henderson – Command Representative
- Program Briefing
- AMCC Video
- Questions and Answers



## *Resident Energy Conservation Policy*

In 1998, OSD established policy for the payment of utilities in privatized family housing to encourage a reduction in energy consumption and improve conservation efforts. The RECP initiative supports this policy and SECNAV'S energy goals

Policy provides benefits to Residents:

Money saved through the program will improve Quality of Life

Residents have an opportunity to earn rebates based on conservation



## *Resident Energy Conservation Program*

A joint USN-USMC pilot RECP in Beaufort/Parris Island and Navy Region Hawaii (Oahu & Kauai), and USMC Kaneohe Bay.

- o Atlantic Marine Corps Communities (AMCC) at Tri-Command is the PPV partner for the Beaufort/Parris Island project
- o Pilot will be evaluated after one year for applicability to other projects

Program focuses on sustainability and long-term benefits to PPV neighborhoods via capital reinvestments

PPV residents have had little incentive to conserve; and historically consume more utilities than their counterparts living in community

- o Historically data shows drop in usage when residents become responsible for actual costs

## *Pilot Implementation Schedule*

Communication Phase Starts July and continues through August

- Educate military leaders, property managers, and residents through town-hall sessions, letters, events and other communication
  
- **Mock Billing Phase starts 1 September through December**
  - Residents will receive their first mock electric bill in early October, for September consumption
  - Existing residents will receive four mock bills to help adjust to the new process
  - New residents will receive three mock bills to help adjust
  
- **Live Billing Phase Starts in January 2011**
  - Residents will receive their first live electric bill in early February that includes their January consumption

## *Mock Billing Phase*

- Begins 1 September
  - Residents will receive “mock” bills showing their actual electric usage and whether it will result in one of three things – a credit, a payment owed, or normal consumption with no payment or credit due.
  - Residents will not pay for usage during mock billing nor receive a credit
  
- Goals and Purpose
  - Increases awareness by residents on their electric usage as compared to neighbors in similar homes
  - Prepares families for live billing that starts on 1 January 2011
  - Helps modify behavior to avoid payments for electric bills

## *How is the Utility Bill Determined?*

During mock and live billing every home will be assigned to a like-type group and their monthly average usage will be calculated

- o Homes grouped by neighborhood, number of bedrooms, square footage, and year built
- o Homes that are not occupied for the full month are not included in the calculation
- o Highest 5% and lowest 5% of users in each group are not included in the calculation

The monthly average usage will be multiplied by the current electric rate to obtain the monthly average electric bill.

Buffers will be set 20% above and 20% below the monthly average usage during the pilot to establish a normal usage band

## *How is the Utility Bill Determined?*

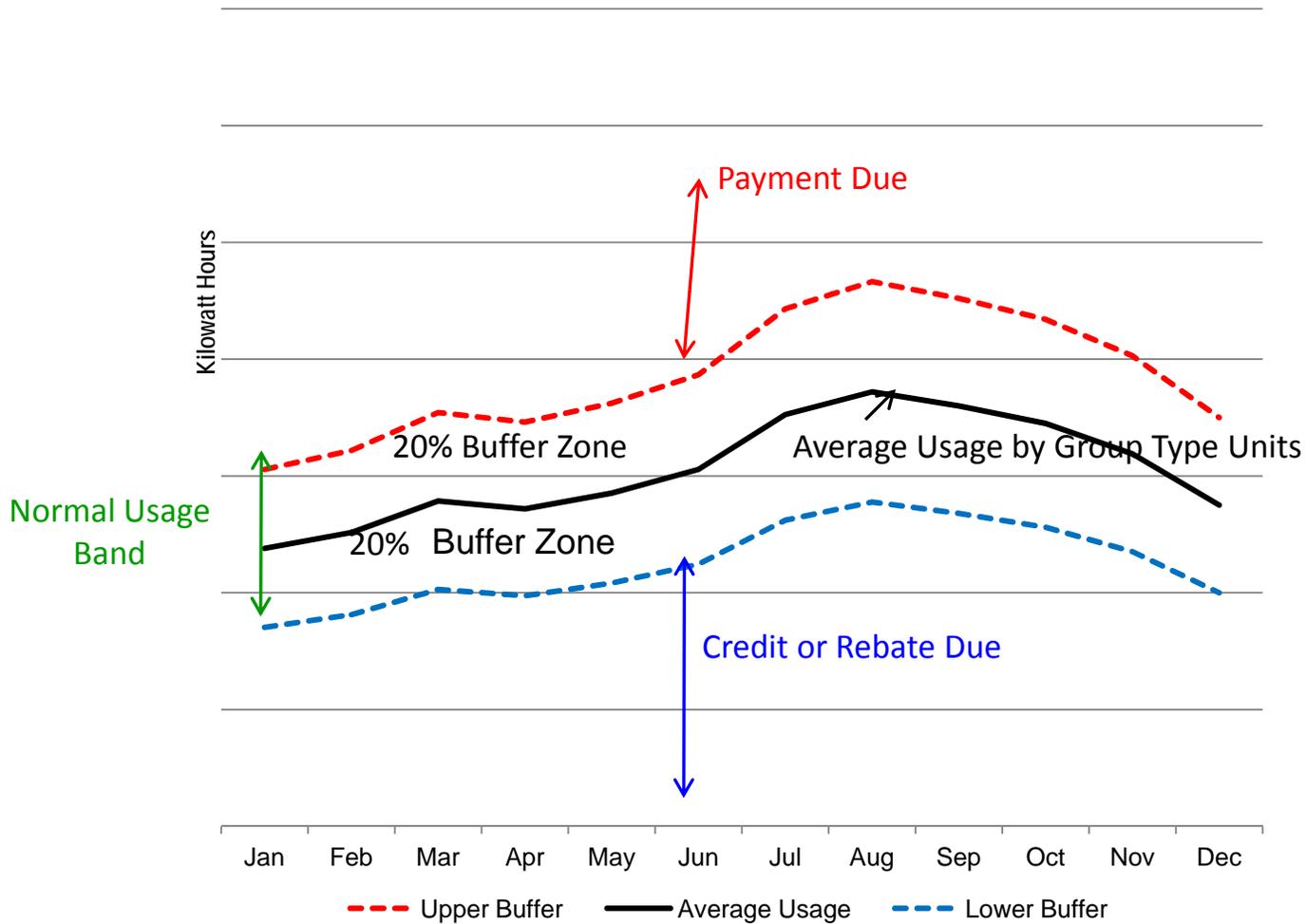
During live billing:

Residents will receive a rebate once the accumulated credit is over \$15.00 on a monthly basis

Residents will be responsible to pay accumulated balances over \$15.00 on a monthly basis

Resident will pay for excess usage above the normal usage band and receive a credit for usage below the normal usage band--nothing owed if within this band

# When Payments are Due



Rebates and payments are due once the balance in the account is over \$15.00

## Sample Calculation (Jun 2009)

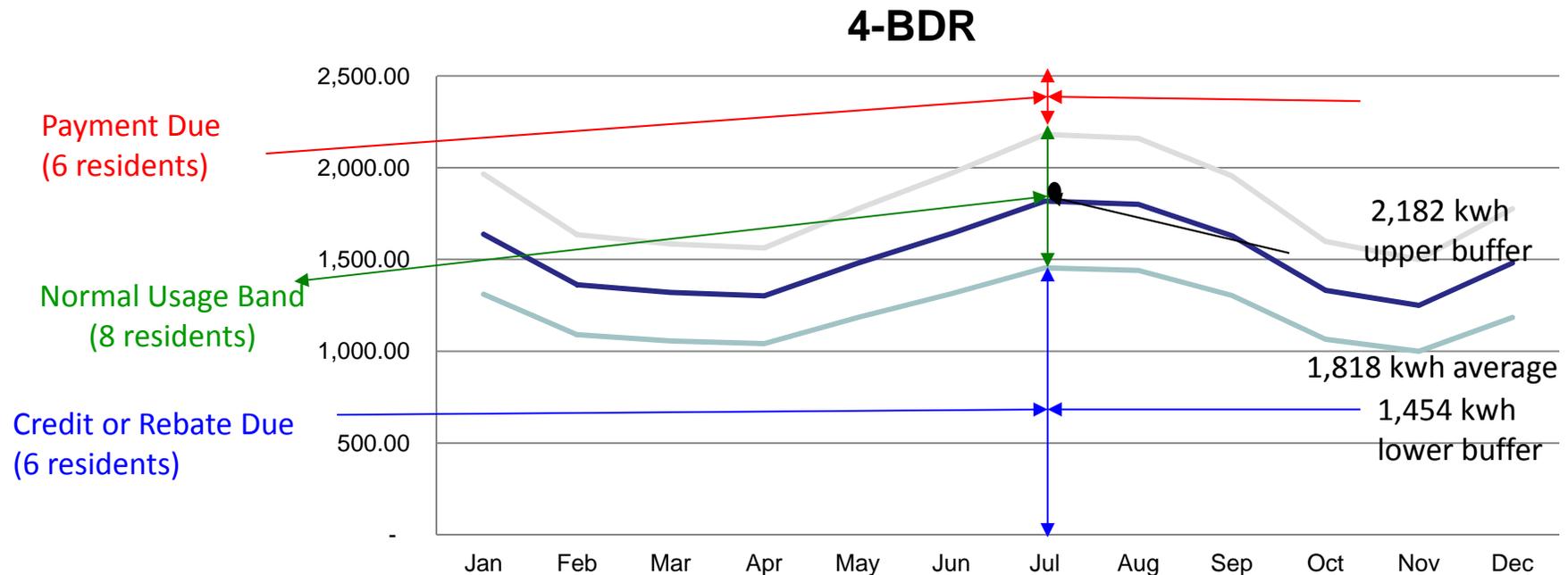
Like-Type Group: 4-BDR

- o 1,890 square feet (3% variance)
- o Built in 2006-2007

20 homes occupied for entire month

Removed top 5% users (1 homes) and bottom 5% users (1 homes)

18 users had average monthly usage of 1,818 kwh



- Residents will receive a rebate once the accumulated credit is over \$25 on a monthly basis.
- Residents will be responsible to pay accumulated balances over \$25 on a monthly basis.

# Mock Bill - Rebate Statement



## Electricity Statement

**Account Number:** 1234-123-123456-00  
**Customer Name:** John Doe  
**Neighborhood:** Your Neighborhood  
**Service Addr:** 123 Anywhere Drive  
**Floor Plan Type:** 4-BDR SNCO\_We

## Your New Statement

**Last Month**  
 Previous Balance \$0.00  
 Payments \$0.00  
**Previous Balance Forward \$0.00**

**This Month - Billing Date 07/18/2010**  
 Current Charges \$-36.11  
 Adjustments & Fees \$0.00  
**Total New Charges This Month \$-36.11**

**New Balance \$0.00**

**ELECTRICITY Service From 6/1/10 to 7/1/10**

### Current Charges

Charge Description	Your Usage	Base Line	Upper Limit	Lower Limit	Difference	Rate	Amount
Electricity Per kWh	1,644	2,589.25	3107.1	2071.40	-427.40	0.084480	\$-36.11
<b>Total ELECTRICITY charges</b>							<b>\$-36.11</b>

For Customer Service Call: 1-888-636-0493  
 (Mon - Fri 7am - 7pm CST)  
 Access your account and pay your bill online at [www.minolusa.com](http://www.minolusa.com)

Upper Limit = 20% Above Base Line  
 Lower Limit = 20% Below Base Line  
 Base Line = Average Usage Per Month by Group Type  
 Difference = Your Usage Compared to the Upper and Lower Limits

**Total New Charges This Month \$-36.11**

### MESSAGES:

**REBATE PAYMENT FOR DEMONSTRATION PURPOSES ONLY**

# Mock Bill – No Action



## Electricity Statement

**Account Number:** 1234-123-123456-00  
**Customer Name:** John Doe  
**Neighborhood:** Your Neighborhood  
**Service Addr:** 123 Anywhere Drive  
**Floor Plan Type:** 4-BDR SNCO\_We

## Your New Statement

<b>Last Month</b>	
Previous Balance	\$0.00
Payments	\$0.00
<b>Previous Balance Forward</b>	<b>\$0.00</b>
<b>This Month - Billing Date 07/18/2010</b>	
Current Charges	\$0.00
Adjustments & Fees	\$0.00
<b>Total New Charges This Month</b>	<b>\$0.00</b>
<b>New Balance</b>	<b>\$0.00</b>

ELECTRICITY Service From 6/1/10 to 7/1/10

### Current Charges

Charge Description	Your Usage	Base Line	Upper Limit	Lower Limit	Difference	Rate	Amount
Electricity Per kWh	2,067	1,910.80	2,292.96	1,528.64	0	0.084480	\$0.00
<b>Total ELECTRICITY charges</b>							<b>\$0.00</b>

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Upper Limit = 20% Above Base Line  
 Lower Limit = 20% Below Base Line  
 Base Line = Average Usage Per Month by Group Type  
 Difference = Your Usage Compared to the Upper and Lower Limits

Total New Charges This Month **\$0.00**

**MESSAGES:** NO REBATE IS DUE AT THIS TIME. THIS STATEMENT IS FOR DEMONSTRATION PURPOSES ONLY

# Mock Bill – Payment Statement



## Electricity Statement

**Account Number:** 1234-123-123456-00  
**Customer Name:** John Doe  
**Neighborhood:** Your Neighborhood  
**Service Addr:** 123 Anywhere Drive  
**Floor Plan Type:** 4-BDR SNCO\_We

## Your New Statement

<b>Last Month</b>	
Previous Balance	\$0.00
Payments	\$0.00
<b>Previous Balance Forward</b>	<b>\$0.00</b>
<b>This Month - Billing Date 07/18/2010</b>	
Current Charges	\$16.52
Adjustments & Fees	\$0.00
<b>Total New Charges This Month</b>	<b>\$16.52</b>
<b>New Balance</b>	<b>\$16.52</b>

**ELECTRICITY Service From 6/1/10 to 7/1/10**

**Current Charges**

Charge Description	Your Usage	Base Line	Upper Limit	Lower Limit	Difference	Rate	Amount
Electricity Per kWh	3,570.00	2,812.00	3,374.40	2,249.96	195.5	0.084480	\$16.52
<b>Total ELECTRICITY charges</b>							<b>\$16.52</b>

**For Customer Service Call: 1-888-636-0493**  
 (Mon - Fri 7am - 7pm CST)  
 Access your account and pay your bill on-line at [www.minolusa.com](http://www.minolusa.com)

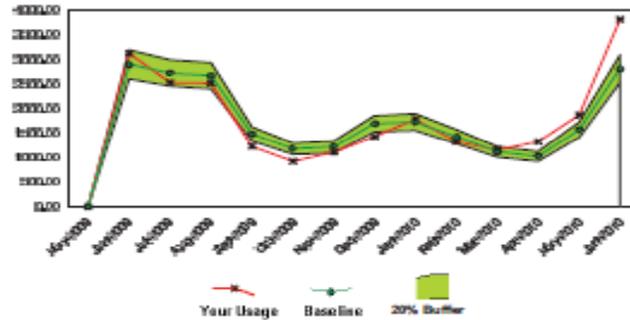
Upper Limit = 20% Above Base Line  
 Lower Limit = 20% Below Base Line  
 Base Line = Average Usage Per Month by Group Type  
 Difference = Your Usage Compared to the Upper and Lower Limits

**Total New Charges This Month** **\$16.52**

**MESSAGES: NO PAYMENT IS DUE AT THIS TIME. THIS STATEMENT IS FOR DEMONSTRATION PURPOSES ONLY**

# Mock Bill – Payment Statement (Cont)

Electricity Consumption for your Plan Type



## Meter Read Detail

Electricity Service From 6/1/10 to 7/1/10

MeterId	BeginRead	EndRead	Usage
133156540710012001310	91,439.00	95,000.00	3,570.00
<b>Total Usage</b>			<b>3,570.00</b>

## Your Electricity consumption summary -

Description	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10
Your Usage	1788	1318	1155	1321	1869	3570
Base Line	1723.67	1417.53	1111	1024	1569.4	2812
Upper Limit	2068.4	1701.04	1333.2	1228.8	1883.28	3374.4
Lower Limit	1378.94	1134.02	888.8	819.2	1255.52	2249.6
Difference	0	0	0	92.2	0	195.6
Your Charge*	\$0.00	\$0.00	\$0.00	\$7.79	\$0.00	\$16.52

\* Your Charge = Your EL Charge

## *Payments and Credits (Rebates)*

- Payment Options –
  - Personal checks to Minol
  - Online Credit card payment at [www.minolusa.com](http://www.minolusa.com)
  - Funds Transference from your checking account
  
- Credit Options (Rebate)
  - Receive a check from Minol
  - Carry-over credit amounts from month-to-month (Optional)
    - Residents may elect to carry-over amount once a year at anniversary of lease signing.

## *Live Billing Phase*

- Starts 1 January 2011
- Residents will receive their first “real” electric consumption statement on or about February 15 for electricity consumed in January
  - All current residents will have had four months of mock billing
  - All new residents will have three months of mock billing before receiving a “live” consumption statement
- Residents will receive consumption statements every month thereafter

# *Wounded Warriors & Exception Family Member*

- Residents with Exceptional Family Members (EFMs) may request a waiver to participate in the RECP. Families waived from the program will not be eligible for rebates. Process:
  - EFM Families “Self Identify” their request for a waiver to the MCRD Parris Island Military Housing Office
  - The EFM family signs a release form authorizing their case manager to certify a medical condition requiring excess home electrical consumption
  - Wounded Warriors are exempt from the RECP program
  - The request is forwarded to Director of Property Management, AMCC at Tri-Command for review. Disapproval recommendation is forwarded to higher authority for concurrence.

Current excluded neighborhoods:

- MCAS Pine Grove (not metered)

## *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. Once the lease language is approved; the following actions will take place:
- Upon expiration of the existing lease, residents will begin signing new six-month leases starting at the end of their current lease (automatically converts to month-to-month after six months)
- Month-to-month residents will begin signing new six month leases.
  - Electric consumption becomes a resident responsibility
  - Includes a new lease addendum that incorporates program details

## *PPV RECP Websites*

The MCRD Parris Island RECP website for frequently asked questions and copies of briefs is: [WWW.MCRDPI.USMC.MIL/OPS/HOUSING/INDEX.ASP](http://WWW.MCRDPI.USMC.MIL/OPS/HOUSING/INDEX.ASP)

Minol, third party billing company will also provide a website where residents can access and easily view their usage information

- o Electric usage through any given day of the month (24 hr delay)
- o A projection of monthly usage based on current trends
- o Comparison of usage with the like-type group average usage
- o Current bill compared to historical usage

AMCC offers tips on how to save energy and stay connected to events.

Visit [WWW.ATLANTICMCC.COM/ENERGY](http://WWW.ATLANTICMCC.COM/ENERGY) for full details on the program

## *Summary*

RECP implements OSD policy, encourages energy conservation, and transfers electric consumption responsibility to PPV residents

Incentivizes residents to manage electric usage much like military families living in the communities outside the gate

Generates savings that are used to provide long-term sustainability and benefits to PPV neighborhoods

Only pay for “excess” electric usage above a normal usage band with a 20% buffer

Rebate for saving energy below the 20% buffer

Right thing to do

# *Questions?*



## *Points of Contact*

- For questions about the RECP, please contact:

Mrs. Toni Stancil  
Military Housing Office Director  
843-228-2600

Mrs. BJ Cozart  
Director of Property Management  
AMCC at Tri-Command  
843-846-5300