





# Energy Awareness for an Army Installation

Charlie Neumann

Fort Sam Houston

Resource Efficiency Manager



**GovEnergy**  
[www.govenergy.gov](http://www.govenergy.gov)



# For More Information

- Charlie Neumann
- Sain Engineering Associates
- [Charles.neumann@us.army.mil](mailto:Charles.neumann@us.army.mil)

Don't forget to fill out and drop off your session evaluations!



# Energy Outreach Ideas

- **Local Paper—News leader** - Run articles on energy awareness and conservation
- **New Comer's Extravaganza** - Mandatory gathering each month of all new personnel assigned to the installation
- **IFS Workshops** - Mandatory workshops for building managers. Here you get a captured audience.
- **Drive-Bys** - Several times a week REM drives about the Post to observe opportunities for conservation, stop and talk to building manager, first sergeant etc. and to check on progress of previously addressed opportunities
- **Admin-Info "Hot item" bulletin board** - This is a post wide electronic bulletin board which has been employed to disseminate energy conservation and awareness information



## More ideas...

- **Utility histories + dollars** - The REM has access to and provides upon request, complete electric and gas billing histories for every facility on the installation. This many times is an eye opener and gets people motivated when they (and everyone else) know what their building costs to operate. This can also be used as an accurate measure of the effectiveness of an awareness program.
- **Local Utility** - Utilize conservation booths and seminars that are provided at no cost by the electric and gas utility.



# Local Newspapers....



# News Leader

*"HOME OF ARMY MEDICINE"*

## Fort Sam dedicated to conservation efforts

By Elaine Wilson  
Fort Sam Houston Public Information Office

With about 28,000 acres of predominantly wild landscape, Camp Bullis is a hot spot for military field exercises and battle-field training.

While the range remains a go-to place for realistic training, it recently has gained attention, not of the military nature, but for its work with Mother Nature.

Camp Bullis is not just home to a slew of military training missions, but is also home to five federally endangered species, most notably the golden-cheeked warbler.

The tiny bird, which migrates up from Mexico to Central Texas

Resources manager, Directorate of Public Works.

Beck is one of several full-time environmental specialists dedicated to protecting and enhancing natural resources at Camp Bullis. They have the challenge of balancing critical military training missions with a delicate ecological system.

"We work closely with U.S. Fish and Wildlife Service and other environmental agencies to ensure we are doing what we need to do in our conservation efforts," said Beck. "We spend hundreds of thousands of dollars each year directly on conservation measures and research."

Included in the measures is the protection of endangered species



Dr. Thomas Conway, vice chancellor and chief of staff, Fayetteville State University, N.C., welcomes a new student, Capt. Delores Martinez, to the U.S. Army-Fayetteville State University Master of Social Work Program Monday during a ceremony at Wood Auditorium.

## Ceremony marks start of new graduate program

### INSIDE

TOUGH  
CHALLENGE



JROTC camp  
builds leadership

PAGE 3

HONORABLE  
SACRIFICE



# Electric bills expected to rise

## *Tips can help reduce energy costs*

According to CPS Energy, the local energy provider, the San Antonio area can expect electric bills to be as much as 30 percent higher this summer as compared to last summer.

Higher fuel costs to produce electricity will have some impact on bills. The record rainfall last year moderated the temperature and reduced the need for air conditioning; however, the forecast for this summer is hot and dry so people should be aware and prepare.

Help reduce energy costs by:

- Make sure your air conditioning system is in good condition.
- Set thermostats to 78 degrees.
- Use set-backs on programmable thermostats.
- Keep doors and windows closed when using AC.
- Keep filters cleaned or changed regularly.
- Keep a minimum of 3 feet of clearance around condensing unit.

The San Antonio area can expect electric bills to be as much as 30 percent higher this summer as compared to last summer.

- 
- Shade window from direct sunlight.
  - Repair or replace weather stripping.
  - Maintain awareness, spreading the word with a good attitude.
  - On-post housing residents can talk to their housing office about replacing regular light bulbs with energy-efficient light bulbs.

For energy conservation measures and programs, call CPS Energy at 353-2222 or visit <http://www.cpsenergy.com>.

For more information, call Charlie Neumann at 215-6560 or e-mail [charles.neumann@us.army.mil](mailto:charles.neumann@us.army.mil).

(Source: Directorate of Public Works)



# New Comer Extravaganza....

# FORT SAM HOUSTON EXTRAVAGANZA!

9:30-11 a.m. - Sam Houston Club  
Bldg. 1395 Chaffee Rd

ARMY COMMUNITY SERVICE  
WANTS TO HELP YOU BECOME  
ACQUAINTED WITH YOUR  
NEW COMMUNITY!

COME TO OUR  
EXTRAVAGANZA  
FOR:

- 1 Free Prizes & a Grand Prize Giveaway
- 2 Newcomers' names drawn for prizes
- 3 Children are Welcome at Extravaganza
- 4 Maps, Brochures, & San Antonio Info
- 5 Complimentary Food & Beverages
- 6 Trails & Tales of Fort Sam Houston (Post Tour)
- 7 Stay and Discover AFTB (Army Family Team Building) For child care info call 221-2705

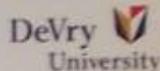
**UPCOMING 2008  
EXTRAVAGANZA!**

JAN 29	JUN 24	NOV 25
FEB 26	JUL 29	
MAR 27	AUG 26	NONE
APR 29	SEP 30	IN
MAY 27	OCT 28	DEC

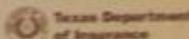
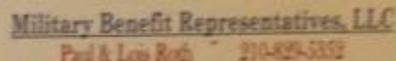
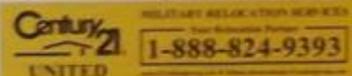
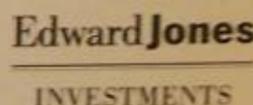
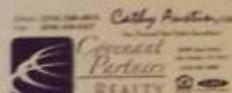
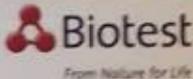
CONTACT ACS AT 221-2418  
FOR MORE INFORMATION



## 2008 Newcomers Extravaganza



Sponsored By: University of Phoenix



Federal Endorsement of sponsor(s) not implied by Morale, Welfare and Recreation, Fort Sam Houston or the United States Army.







EXIT

WELCOME

TEXAS STATE





# DRIVE BY....







E. S. H. AQUATIC CENTER

3300

Deer Valley East  
No. 17 Road  
P.O. Box 200  
P.O. Box 200









SECURITY  
COUNCIL  
MAY 1982

NOTICE  
TO ALL PERSONS  
ENTERING THE BUILDING  
BY THE MAIN ENTRANCE  
ALL PERSONS MUST  
PRESENT A VALID  
IDENTIFICATION CARD  
AND A PASS TO ENTER  
THE BUILDING.

101



Get the word out!

To: Admin-Info; Walker, Claire J Ms AMEDDCS

Cc:

Subject: Energy use - Summer 2008 (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

I

According to CPS Energy, the local energy provider is forecasting temperatures to be higher this summer compared to last summer. High temperatures and low rainfall last year moderated the temperature, but this summer is hot and dry. Be aware! Prepare!

Help reduce energy costs in your home or at work

\* Making sure you're a/c system is in good condition

\* Setting thermostats to 78 degrees

\* Using set-backs on programmable thermostats

\* Keeping doors and windows closed when using a/c

\* Keeping filters cleaned or changed regularly

From: Admin-Info  
To: Admin-Info; Walker, Claire J Ms AMEDDCS  
Cc:  
Subject: Energy use - Summer 2008 (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

According to CPS Energy, the local energy demand is expected to be higher this summer compared to last year due to the record rainfall last year moderating temperatures. This summer is hot and dry. Be aware! Pr



# Utility History

Customer Name :US GOVT FT SAM HOUSTON 07

**Premise Address :1350 FSH-MCGEE RD**

Customer Number :3001888353

Installation :1550601

**Meter Number :42699349**

Rate Category :General Service PL

Portion :10

Last Read :

Power Factor :0

Register Factor :750

Register Group :TRIDRCEL

Max Demand :1,350.00

Power Factor :0

Register Factor :750

Read Date	kWH	Days	\$/kWH	\$Amount	Actual Demand	Billing Demand	Load Factor	Plus or minus a year ago	Corrected for # days	Approx. \$Savings
18-Apr-08	171,000	29	\$0.0663	\$11,344.95	471	471	52.2%	-12.0%	4.2%	\$481.43
20-Mar-08	165,750	29	\$0.0737	\$12,221.32	472	472	50.5%	-4.7%	12.2%	\$1,489.13
20-Feb-08	162,750	29	\$0.0579	\$9,417.93	444	444	52.7%	30.7%	31.6%	\$2,975.73
22-Jan-08	179,250	35	\$0.0622	\$11,143.80	470	470	45.4%	-30.5%	-20.8%	-\$2,313.06
18-Dec-07	183,000	29	\$0.0558	\$10,202.89	531	531	49.5%	-17.8%	-6.9%	-\$707.36
19-Nov-07	226,500	32	\$0.0625	\$14,153.30	551	551	53.5%	6.7%	-2.8%	-\$398.46
18-Oct-07	180,750	28	\$0.0636	\$11,492.92	521	521	51.6%	-16.3%	-4.3%	-\$492.57
20-Sep-07	219,750	31	\$0.0657	\$14,431.73	522	522	56.6%	-5.8%	-11.1%	-\$1,594.79
20-Aug-07	186,000	28	\$0.0667	\$12,400.42	446	446	62.1%	-14.2%	-4.6%	-\$567.94
20-Jul-07	221,500	33	\$0.0699	\$15,483.51	536	536	52.2%	-0.2%	-6.6%	-\$1,027.92
16-Jun-07	206,250	33	\$0.0736	\$15,183.09	549	549	47.4%	-19.1%	-19.6%	-\$2,972.85
18-May-07	189,750	30	\$0.0671	\$12,728.24	477	477	55.2%	-16.5%	-19.3%	-\$2,454.63
18-Apr-07	194,250	29	\$0.0695	\$13,490.93	513	513	54.4%	-15.9%	-13.0%	-\$1,755.11
20-Mar-07	174,000	28	\$0.0671	\$11,683.46	500	500	51.8%	-33.3%	-19.3%	-\$2,254.30
20-Feb-07	124,500	20	\$0.0593	\$7,379.18	467	467	55.5%			-\$16,538.99
31-Jan-07	258,000	43	\$0.0530	\$13,679.73	460	460	54.3%			
19-Dec-06	222,750	32	\$0.0490	\$10,923.19	519	519	55.9%			
17-Nov-06	212,250	29	\$0.0594	\$12,617.11	520	520	58.6%			
19-Oct-06	216,000	29	\$0.0647	\$13,981.61	569	569	54.5%			
20-Sep-06	233,250	32	\$0.0704	\$16,431.31	568	568	53.5%			
19-Aug-06	216,750	30	\$0.0696	\$15,090.05	442	442	68.1%			
20-Jul-06	222,000	30	\$0.0693	\$15,393.18	509	509	60.6%			
20-Jun-06	255,000	33	\$0.0698	\$17,788.55	499	499	64.5%			
18-May-06	227,250	29	\$0.0591	\$13,435.58	515	515	63.4%			
19-Apr-06	231,000	30	\$0.0582	\$13,434.69	589	589	54.5%			
20-Mar-06	261,000	31	\$0.0486	\$12,672.65	587	587	59.8%			

**Total**



# Local Utility Support





# Would you like to know more about this session?

---

- Charlie Neumann
- Resource Efficiency Manager
- Sain Engineering Associates, Inc
- Fort Sam Houston
- [charles.neumann@us.army.mil](mailto:charles.neumann@us.army.mil)
- Don't forget to fill out and drop off your session evaluations.