

REQUEST FOR BOARD ACTION

**HENDERSON COUNTY
BOARD OF COMMISSIONERS**

MEETING DATE: Wednesday, April 20, 2011

SUBJECT: Energy Management Update

PRESENTER: Marcus Jones

ATTACHMENTS: Yes,
1. Energy Management Data

SUMMARY OF REQUEST:

The attachment provides information to the Board about the County's energy management use in the areas of electricity, natural gas, water and fuel. It compares the third quarter with previous years to show historical trends.

BOARD ACTION REQUESTED:

No Board action is requested. This item is for informational purposes only.

Suggested Motion:

No motion suggested.

**Energy and Fuel Reduction Plan Status
Third Quarter (January 2011 to March 2011)**

April 20, 2011

Electric in Kilowatt-hours for January to March

Departments	Jan 08 to March 08	Jan 09 to March 09	Jan 10 to March 10	Jan 11 to March 11	% Change 08 and 09	% Change 08 and 10	% Change 08 and 11	% Change 09 and 10	% Change 09 and 11	% Change 10 and 11
95 Courthouse	526,272	321,216	478,848	464,448	-39.0%	-9.0%	-11.7%	49.1%	44.6%	-3.0%
Animal Services	93,300	65,180	78,980	89,200	-30.1%	-15.3%	-4.4%	21.2%	36.9%	12.9%
Board of Elections	10,603	6,849	7,778	7,636	-35.4%	-26.6%	-28.0%	13.6%	11.5%	-1.8%
Central Services	13,135	13,584	13,583	14,619	3.4%	3.4%	11.3%	0.0%	7.6%	7.6%
Cooperative Extension	43,379	33,108	38,810	31,972	-23.7%	-10.5%	-26.3%	17.2%	-3.4%	-17.6%
Emergency Services	42,802	34,311	44,178	36,753	-19.8%	3.2%	-14.1%	28.8%	7.1%	-16.8%
Historic Courthouse	78,837	120,647	124,770	117,644	53.0%	58.3%	49.2%	3.4%	-2.5%	-5.7%
Human Services	325,347	312,502	274,737	301,933	-3.9%	-15.6%	-7.2%	-12.1%	-3.4%	9.9%
King Street Building	133,208	77,135	129,470	123,923	-42.1%	-2.8%	-7.0%	67.8%	60.7%	-4.3%
Library	150,697	90,379	123,602	89,697	-40.0%	-18.0%	-40.5%	36.8%	-0.8%	-27.4%
Recreation	125,249	131,793	165,081	162,152	5.2%	31.8%	29.5%	25.3%	23.0%	-1.8%
Sheriff	293,230	211,558	283,232	285,900	-27.9%	-3.4%	-2.5%	33.9%	35.1%	0.9%
Solid Waste	60,964	38,357	39,011	31,634	-37.1%	-36.0%	-48.1%	1.7%	-17.5%	-18.9%
Travel & Tourism	29,180	28,420	34,980	36,380	-2.6%	19.9%	24.7%	23.1%	28.0%	4.0%
Utilities	40,711	38,711	20,904	46,152	-4.9%	-48.7%	13.4%	-46.0%	19.2%	120.8%
Youth	28,615	29,935	32,155	31,135	4.6%	12.4%	8.8%	7.4%	4.0%	-3.2%
Total	1,995,529	1,553,685	1,890,119	1,871,178	-22.1%	-5.3%	-6.2%	21.7%	20.4%	-1.0%

Gas Usage in Therms for January to March

Department	Jan 08 to March 08	Jan 09 to March 09	Jan 10 to March 10	Jan 11 to March 11	% Change 08 and 09	% Change 08 and 10	% Change 08 and 11	% Change 09 and 10	% Change 09 and 11	% Change 10 and 11
95 Courthouse	12,402	13,038	15,603	15,779	5.1%	25.8%	27.2%	19.7%	21.0%	1.1%
Board of Elections	771	853	1,201	1,118	10.6%	55.8%	45.0%	40.8%	31.1%	-6.9%
Central Services*	4,245	4,359	5,080	2,287	2.7%	19.7%	-46.1%	16.5%	-47.5%	-55.0%
Emergency Services	1,956	2,358	3,319	2,714	20.6%	69.7%	38.8%	40.8%	15.1%	-18.2%
Historic Courthouse	7,326	6,078	7,588	4,906	-17.0%	3.6%	-33.0%	24.8%	-19.3%	-35.3%
Human Services	9,818	10,333	10,649	9,839	5.2%	8.5%	0.2%	3.1%	-4.8%	-7.6%
King Street Building	710	650	883	702	-8.5%	24.4%	-1.1%	35.8%	8.0%	-20.5%
Library	4,782	5,468	7,484	6,227	14.3%	56.5%	30.2%	36.9%	13.9%	-16.8%
Sheriff	14,682	15,728	15,856	4,577	7.1%	8.0%	-68.8%	0.8%	-70.9%	-71.1%
Total	56,692	58,865	67,663	48,149	3.8%	19.4%	-15.1%	14.9%	-18.2%	-28.8%

Water Usage in Gallons for January to March

DEPARTMENT	Jan 08 to March 08	Jan 09 to March 09	Jan 10 to March 10	Jan 11 to March 11	% Change 08 and 09	% Change 08 and 10	% Change 08 and 11	% Change 09 and 10	% Change 09 and 11	% Change 10 and 11
95 COURTHOUSE	1,015,000	849,800	1,132,400	1,367,600	-16.3%	11.6%	34.7%	33.3%	60.9%	20.8%
ANIMAL SERVICES	45,100	42,700	49,100	49,900	-5.3%	8.9%	10.6%	15.0%	16.9%	1.6%
BOARD OF ELECTIONS	2,300	2,100	500	1,800	-8.7%	-78.3%	-21.7%	-76.2%	-14.3%	260.0%
CENTRAL SERVICES	2,700	3,700	4,700	6,900	37.0%	74.1%	155.6%	27.0%	86.5%	46.8%
COOPERATIVE EXTENSION	23,000	87,500	39,500	26,500	280.4%	71.7%	15.2%	-54.9%	-69.7%	-32.9%
EMERGENCY SERVICES	29,700	14,000	34,000	26,400	-52.9%	14.5%	-11.1%	142.9%	88.6%	-22.4%
HISTORIC COURTHOUSE	18,100	7,400	9,000	11,800	-59.1%	-50.3%	-34.8%	21.6%	59.5%	31.1%
HUMAN SERVICES	113,400	123,200	121,800	104,600	8.6%	7.4%	-7.8%	-1.1%	-15.1%	-14.1%
KING STREET BUILDING	9,800	7,500	9,300	10,000	-23.5%	-5.1%	2.0%	24.0%	33.3%	7.5%
LIBRARY	173,500	139,800	131,100	148,600	-19.4%	-24.4%	-14.4%	-6.2%	6.3%	13.3%
PARKS & RECREATION	46,500	48,000	74,700	163,700	3.2%	60.6%	252.0%	55.6%	241.0%	119.1%
SHERIFF	167,600	114,000	97,600	99,400	-32.0%	-41.8%	-40.7%	-14.4%	-12.8%	1.8%
SOLID WASTE	108,200	144,300	227,500	161,400	33.4%	110.3%	49.2%	57.7%	11.9%	-29.1%
TRAVEL & TOURISM	16,300	14,800	10,000	16,300	-9.2%	-38.7%	0.0%	-32.4%	10.1%	63.0%
UTILITIES	7,100	1,500	5,500	1,000	-78.9%	-22.5%	-85.9%	266.7%	-33.3%	-81.8%
YOUTH	52,800	48,100	63,200	36,300	-8.9%	19.7%	-31.3%	31.4%	-24.5%	-42.6%
Total	1,831,100	1,648,400	2,009,900	2,232,200	-10.0%	9.8%	21.9%	21.9%	35.4%	11.1%

