

**Spring Branch Independent School District
Agenda Item Information**

Date of Board Meeting: February 22, 2010

Subject: Quarterly Energy Update: October-December 2009

Administrator Responsible:

Name: Ruben Reyes

Position: Associate Superintendent for Operations

Purpose of Agenda Item: Report

ADDITIONAL INFORMATION AND/OR BACK-UP:

Please see attached Energy Update.

Quarterly Energy Update

Quarterly Energy Report

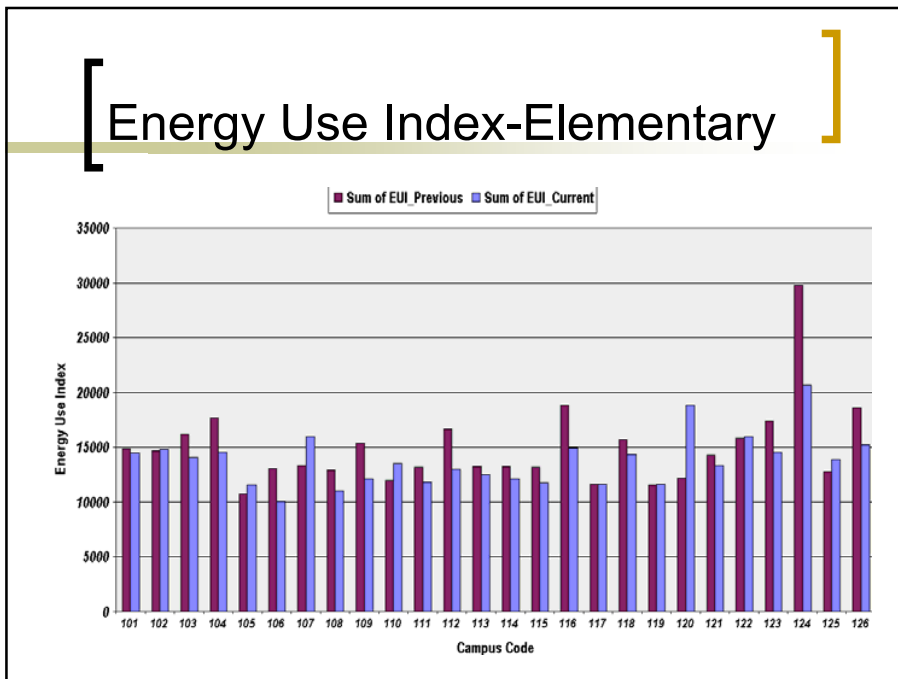
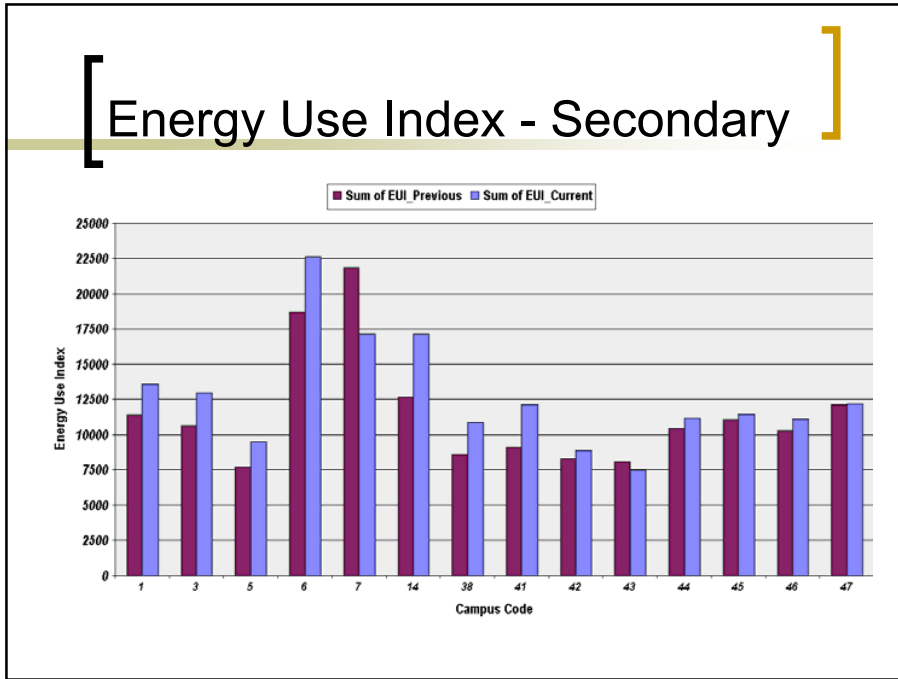
October - December 2009

*Presented by
Rebecca Cordeiro de Peredo*

Comments

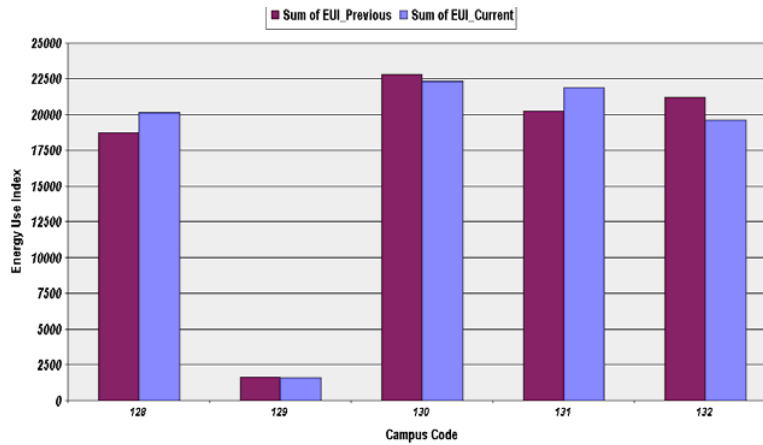
- Colder winter than normal resulting in a higher heating need (higher gas use)
- Below freezing temperatures in December which activated Freeze Operating Procedures

Quarterly Energy Update

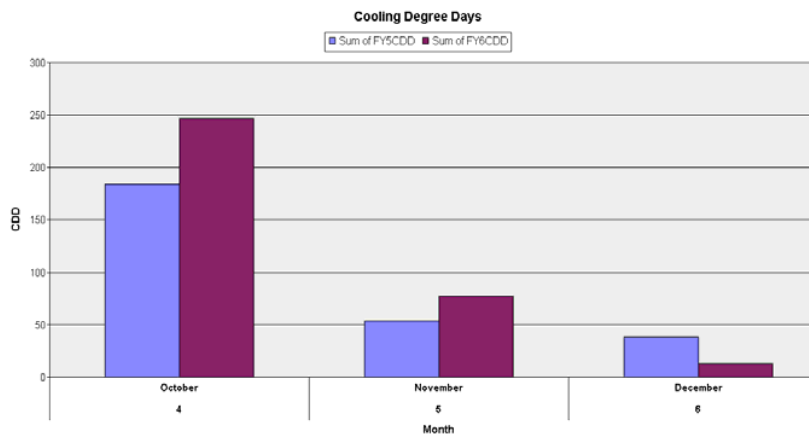


Quarterly Energy Update

Energy Use Index – Pre K

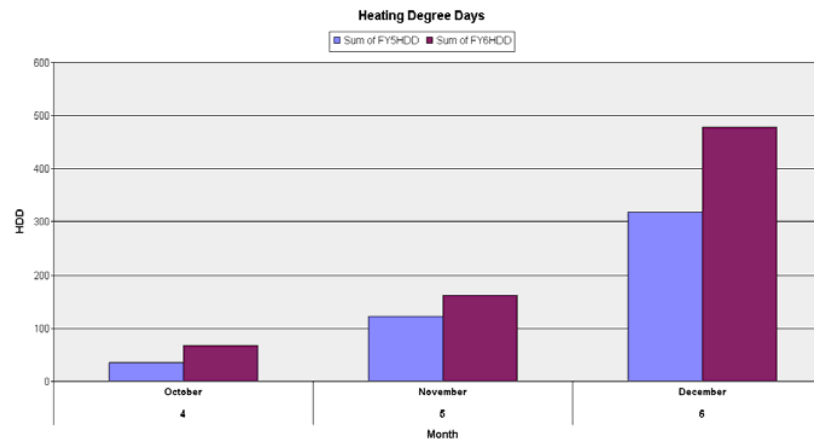


Weather – Cooling Need



Quarterly Energy Update

Weather – Heating need



Summary

Energy Use

Utility	Use 08-09	Use 09-10	Difference	Percent
Electricity	17,183,248	16,741,139	-442,109	-2.57%
Natural Gas	141,699	190,385	48,686	34.36%
Water	33,081	29,098	-3,983	-12.04%

Energy Cost

Utility	Cost 08-09	Cost 09-10	Difference	Percent
Electricity	1,884,749.06	1,839,891.36	(44,857.70)	-2.38%
Natural Gas	195,679.47	199,698.10	(4,018.63)	2.05%
Water	229,338.81	219,933.69	(9405.12)	-4.10%

Q2 Energy Use Index Comparison

		<i>SQFT</i>	<i>EUI Previous</i>	<i>EUI Current</i>	<i>Difference</i>
<i>High School</i>					
1	Memorial High	311115	11,385	13,613	2,228
3	Spring Woods High	336366	10,631	12,968	2,337
5	Northbrook High	394609	7,727	9,492	1,765
6	Stratford High	320000	18,672	22,610	3,938
7	Guthrie Center	83614	21,826	17,153	-4,673
14	Westchester Academy	294963	12,661	17,141	4,480
38	Spring Branch Education Center	268780	8,576	10,874	2,298
<i>High School Total</i>		2,009,447	11,947	14,427	2,480
<i>Middle School</i>					
41	Landrum Middle	177665	9,149	12,124	2,975
42	Memorial Middle	188852	8,314	8,860	546
43	Spring Branch Middle	226208	8,129	7,461	-668
44	Spring Woods Middle	200616	10,433	11,189	756
45	Spring Forest Middle	192559	11,073	11,460	387
46	Spring Oaks Middle	189660	10,271	11,101	830
47	Northbrook Middle	203020	12,150	12,169	19
<i>Middle School Total</i>		1,378,580	9,919	10,549	630
<i>Elementary</i>					
101	Bendwood	38830	14,889	14,457	-432
102	Bunker Hill Elementary	58385	14,689	14,835	146
103	Edgewood Elementary	68978	16,148	14,058	-2,090
104	Frostwood Elementary	60625	17,681	14,554	-3,127
105	Hollibrook Elementary	95043	10,719	11,541	822
106	Housman Elementary	76895	13,016	10,026	-2,990
107	Hunters Creek Elementary	61937	13,289	15,966	2,677
108	Meadow Wood Elementary	72722	12,896	11,035	-1,861
109	Memorial Drive Elementary	58965	15,333	12,068	-3,265
110	Pine Shadows Elementary	86910	11,994	13,514	1,520
111	Ridgecrest Elementary	88853	13,174	11,805	-1,369
112	Rummel Creek Elementary	72615	16,627	12,948	-3,679
113	Shadow Oaks Elementary	84558	13,227	12,532	-695
114	Spring Branch Elementary	77352	13,252	12,095	-1,157

		<i>SQFT</i>	<i>EUI Previous</i>	<i>EUI Current</i>	<i>Difference</i>
115	Valley Oaks Elementary	75697	13,206	11,789	-1,417
116	Westwood Elementary	56409	18,794	14,968	-3,826
117	Woodview Elementary	70508	11,607	11,643	36
118	Wilchester Elementary	71798	15,712	14,340	-1,372
119	Sherwood Elementary	69371	11,587	11,641	54
120	Spring Shadows Elementary	83904	12,166	18,809	6,643
121	Nottingham Elementary	66393	14,294	13,306	-988
122	Terrace Elementary	74349	15,811	15,950	139
123	Thornwood Elementary	69038	17,375	14,535	-2,840
124	Cedar Brook Elementary	82179	29,775	20,657	-9,118
125	Treasure Forest Elementary	82149	12,797	13,870	1,073
126	Buffalo Creek Elementary	82179	18,599	15,202	-3,397
<i>Elementary Total</i>		1,886,642	14,869	13,750	-1,119
<i>PK School</i>					
128	Wildcat Way School	26000	18,731	20,152	1,421
129	Panda Path School	15618	1,639	1,626	-13
130	Lion Lane School	26000	22,828	22,345	-483
131	Bear Blvd. School	26000	20,265	21,908	1,643
132	Tiger Trail School	26000	21,214	19,603	-1,611
<i>PK School Total</i>		119,618	18,263	18,472	209
<i>District EUI</i>		5,394,287	12,591	13,289	698