



# Schneider Electric Energy Solutions Savings Report

## Florence City Schools

Prepared by:

Performance Assurance Support Services

1650 West Crosby Road  
Carrollton, TX 75006

August 23, 2010

## Executive Summary

Following is the savings report for Florence City Schools' energy performance contract. As noted in the following pages, the total project utility savings through July 2010 is \$44,416.

The energy efficiency capital improvements implemented by Schneider Electric and the continued attention to energy conservation by Florence City Schools are responsible for unit savings of 480,489 kWh of electricity and 4,846 CCF of natural gas. The district's lower utility usage results in a smaller environmental impact representing an approximate 346 ton reduction in CO<sub>2</sub> emissions. According to EPA estimates, this reduction is equivalent to removing 78 cars from the road for one year or planting 106 acres of trees.

Sincerely,

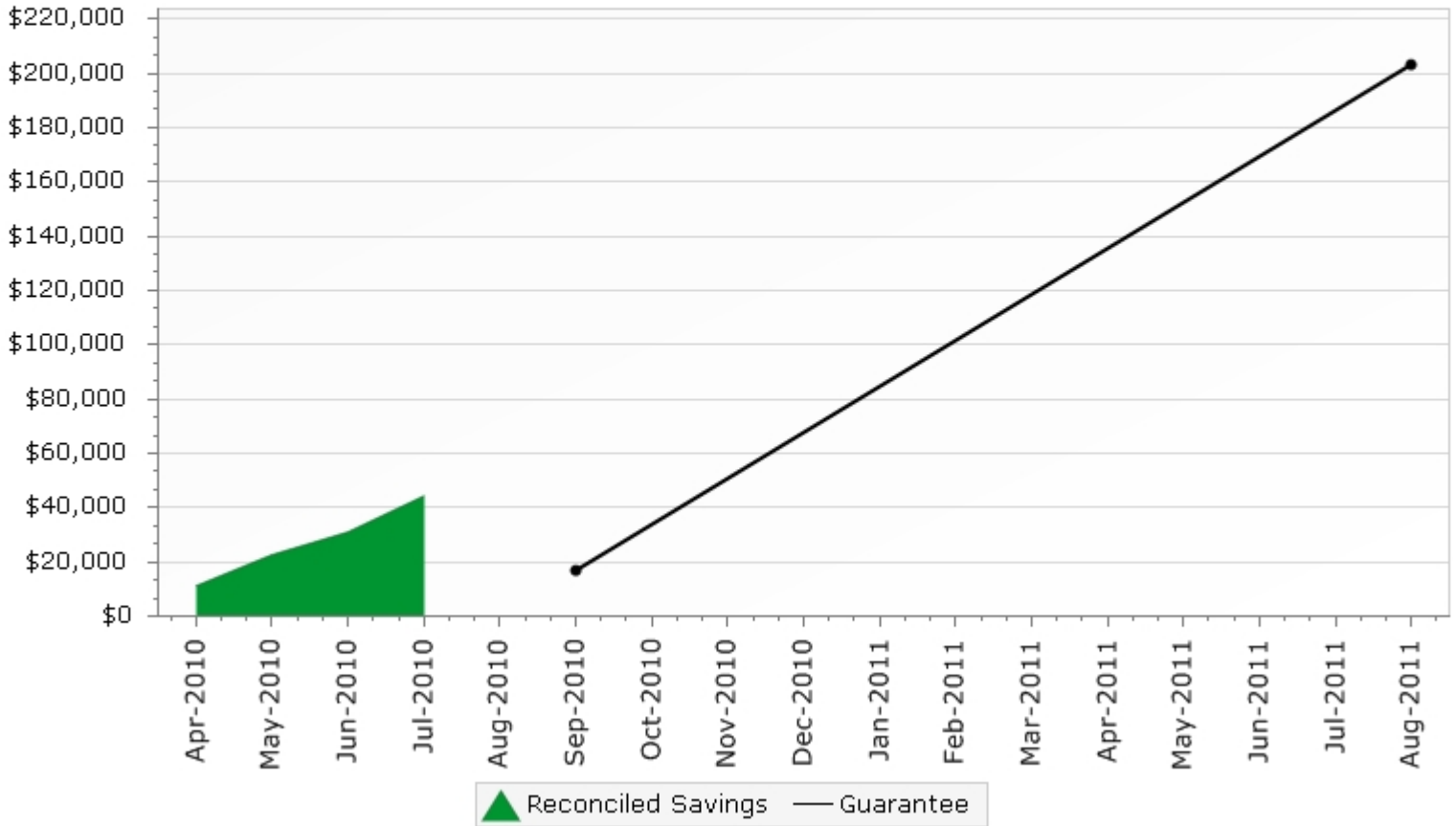
Jeff Bowen  
Performance Assurance Consultant  
Schneider Electric | Buildings Business  
Phone: +1 972 323 4794 | Fax: +1 972 323 5412  
Jeff.Bowen@buildings.schneider-electric.com

# Florence City Schools Savings vs. Guarantee

Annual Guarantee : \$203,318

Guarantee through **Jul-2010**: \$0

Reconciled Savings through **Jul-2010**: \$44,416



## Dollar Savings

### Total Dollar Savings by Meter through Jul 2010

Area Served	Utility Type	Savings
Florence MS Sanderson Gym Elec (4968-004)	Electricity	\$743
Florence MS Coffee Gym Elec (4968-006)	Electricity	\$2,387
Florence MS Academic Elec (4968-003)	Electricity	\$2,320
Florence MS Auditorium Elec (16990-001)	Electricity	\$6,288
Florence MS Coffee Gym Gas (4968-007)	Natural Gas (Volume)	\$3,523
Florence MS Academic Gas (17141-001)	Natural Gas (Volume)	\$1,625
Hibbett MS Electric 1 (5614-001)	Electricity	\$6,642
Hibbett MS Gas 3 (5635-001)	Natural Gas (Volume)	\$1,089
Harlan Elem Electric 1 (5610-001)	Electricity	\$3,391
Harlan Elem Gas 3 (4956-001)	Natural Gas (Volume)	(\$110)
Weeden Elem Electric 1 (46989-001)	Electricity	\$1,035
Florence HS Electric 3 (5606-001)	Electricity	\$9,884
Handy HS Electric 1 (51228-001)	Electricity	(\$883)
Burrell Slater Elec 1 (5581-001)	Electricity	\$3,374
Richards Center Elec 2 (5577-001)	Electricity	\$3,109
<b>Total Savings through Jul 2010 :</b>		<b>\$44,416</b>

## Unit Savings and Environmental Impact

### Total Unit Savings through Jul 2010

Unit Type	Savings
kWh	480,489
kW	860
CCF	4,846

### Environmental Impact



Tons of CO2 346



Cars for a Year 78



Acres of Trees 106

## Dollar Savings Appendix

### Florence City Schools - Dollar Savings Installation (Apr 2010 - Jul 2010)

Area Served	Apr-10	May-10	Jun-10	Jul-10	Totals
<b>Florence Middle School</b>					
Florence MS Sanderson Gym Elec					
Savings	\$11	\$457	\$99	\$177	\$743
Florence MS Coffee Gym Elec					
Savings	\$1,284	\$828	\$407	(\$131)	\$2,387
Florence MS Academic Elec					
Savings	\$664	\$185	\$573	\$897	\$2,320
Florence MS Auditorium Elec					
Savings	\$1,616	\$1,379	\$1,381	\$1,912	\$6,288
Florence MS Coffee Gym Gas					
Savings	\$1,417	\$1,835	\$272	(\$1)	\$3,523
Florence MS Academic Gas					
Savings	\$884	\$406	\$326	\$9	\$1,625
<b>Hibbett Middle School</b>					
Hibbett MS Electric 1					
Savings	\$1,667	\$1,587	(\$469)	\$3,856	\$6,642
Hibbett MS Gas 3					
Savings	\$280	\$473	\$183	\$153	\$1,089
<b>Harlan Elementary</b>					
Harlan Elem Electric 1					
Savings	\$86	\$551	\$1,381	\$1,373	\$3,391
Harlan Elem Gas 3					
Savings	(\$211)	\$98	\$1	\$2	(\$110)
<b>Weeden Elementary</b>					
Weeden Elem Electric 1					
Savings	(\$412)	\$64	\$1,418	(\$35)	\$1,035
<b>Florence High School</b>					
Florence HS Electric 3					
Savings	\$1,942	\$2,081	\$1,839	\$4,022	\$9,884
<b>Handy Head Start</b>					
Handy HS Electric 1					
Savings	\$123	\$55	(\$678)	(\$383)	(\$883)

**Florence City Schools - Dollar Savings**

**Apr 2010 - Jul 2010 (cont.)**

Area Served	Apr-10	May-10	Jun-10	Jul-10	Totals
<b>Burrell Slater</b>					
Burrell Slater Elec 1					
Savings	\$1,029	\$974	\$589	\$783	\$3,374
<b>Richards Center</b>					
Richards Center Elec 2					
Savings	\$704	\$761	\$680	\$964	\$3,109
Total Dollar Savings (Apr 2010 - Jul 2010 )					\$44,416

Installation Dollar Savings (Apr 2010 - Jul 2010) :	\$44,416
<b>Total Dollar Savings through Jul 2010 :</b>	<b>\$44,416</b>

## Unit Savings Appendix

### kWh Savings

#### Florence City Schools - kWh Savings

##### Installation (Apr 2010 - Jul 2010)

Area Served	Apr-10	May-10	Jun-10	Jul-10	Totals
<b>Florence Middle School</b>					
Florence MS Sanderson Gym Elec					
Baseline	27,907	26,880	28,320	26,160	109,267
Actual	26,880	26,160	30,400	29,520	112,960
Savings	1,027	720	(2,080)	(3,360)	(3,693)
Florence MS Coffee Gym Elec					
Baseline	51,535	53,984	45,936	38,880	190,335
Actual	32,960	35,120	39,920	48,480	156,480
Savings	18,575	18,864	6,016	(9,600)	33,855
Florence MS Academic Elec					
Baseline	77,493	87,064	99,955	85,785	350,296
Actual	73,800	85,400	94,800	87,200	341,200
Savings	3,693	1,664	5,155	(1,415)	9,096
Florence MS Auditorium Elec					
Baseline	30,765	40,171	46,699	49,990	167,625
Actual	13,840	21,920	25,680	20,720	82,160
Savings	16,925	18,251	21,019	29,270	85,465
<b>Hibbett Middle School</b>					
Hibbett MS Electric 1					
Baseline	109,072	138,931	142,475	156,336	546,814
Actual	86,400	104,400	139,600	108,000	438,400
Savings	22,672	34,531	2,875	48,336	108,414
<b>Harlan Elementary</b>					
Harlan Elem Electric 1					
Baseline	45,731	58,213	67,021	65,171	236,136
Actual	46,200	52,400	49,600	49,000	197,200
Savings	(469)	5,813	17,421	16,171	38,936
<b>Weeden Elementary</b>					
Weeden Elem Electric 1					
Baseline	83,589	94,389	97,055	92,588	367,621
Actual	81,400	98,000	87,800	89,000	356,200
Savings	2,189	(3,611)	9,255	3,588	11,421

**Florence City Schools - kWh Savings**

**Apr 2010 - Jul 2010 (cont.)**

Area Served	Apr-10	May-10	Jun-10	Jul-10	Totals
<b>Florence High School</b>					
Florence HS Electric 3					
Baseline	155,799	189,130	197,453	200,177	742,559
Actual	143,200	158,200	156,400	148,400	606,200
Savings	12,599	30,930	41,053	51,777	136,359
<b>Handy Head Start</b>					
Handy HS Electric 1					
Baseline	16,976	17,208	21,081	25,775	81,040
Actual	17,120	17,440	26,320	26,242	87,122
Savings	(144)	(232)	(5,239)	(467)	(6,082)
<b>Burrell Slater</b>					
Burrell Slater Elec 1					
Baseline	30,183	36,308	48,143	47,334	161,968
Actual	21,040	26,080	38,880	36,960	122,960
Savings	9,143	10,228	9,263	10,374	39,008
<b>Richards Center</b>					
Richards Center Elec 2					
Baseline	26,487	29,978	40,706	40,698	137,869
Actual	21,680	24,800	34,160	29,520	110,160
Savings	4,807	5,178	6,546	11,178	27,709
Total kWh Savings (Apr 2010 - Jul 2010 )					480,489

Installation kWh Savings (Apr 2010 - Jul 2010) :	480,489
<b>Total kWh Savings through Jul 2010 :</b>	<b>480,489</b>

## kW Savings

### Florence City Schools - kW Savings Installation (Apr 2010 - Jul 2010)

Area Served	Apr-10	May-10	Jun-10	Jul-10	Totals
<b>Florence Middle School</b>					
Florence MS Sanderson Gym Elec					
Baseline	88	116	117	127	448
Actual	92	84	101	99	376
Savings	(3)	31	16	28	72
Florence MS Coffee Gym Elec					
Baseline	215	182	226	191	814
Actual	196	199	220	160	776
Savings	19	(17)	5	31	38
Florence MS Academic Elec					
Baseline	321	337	308	314	1,279
Actual	286	330	286	240	1,142
Savings	35	7	22	74	137
Florence MS Auditorium Elec					
Baseline	136	150	107	135	528
Actual	94	122	91	114	422
Savings	42	27	16	21	106
<b>Hibbett Middle School</b>					
Hibbett MS Electric 1					
Baseline	414	438	348	411	1,612
Actual	384	464	396	323	1,567
Savings	30	(26)	(48)	88	45
<b>Harlan Elementary</b>					
Harlan Elem Electric 1					
Baseline	224	267	253	260	1,004
Actual	216	250	222	224	912
Savings	8	17	31	36	92
<b>Weeden Elementary</b>					
Weeden Elem Electric 1					
Baseline	276	356	344	320	1,296
Actual	316	336	276	338	1,266
Savings	(40)	20	68	(18)	30

**Florence City Schools - kW Savings**

**Apr 2010 - Jul 2010 (cont.)**

Area Served	Apr-10	May-10	Jun-10	Jul-10	Totals
<b>Florence High School</b>					
Florence HS Electric 3					
Baseline	634	643	651	659	2,586
Actual	540	616	685	573	2,414
Savings	94	27	(34)	86	172
<b>Handy Head Start</b>					
Handy HS Electric 1					
Baseline	83	114	94	109	400
Actual	73	109	123	136	441
Savings	10	5	(29)	(27)	(41)
<b>Burrell Slater</b>					
Burrell Slater Elec 1					
Baseline	150	151	166	163	631
Actual	111	121	161	147	540
Savings	39	30	5	15	91
<b>Richards Center</b>					
Richards Center Elec 2					
Baseline	109	125	129	137	500
Actual	76	89	106	111	382
Savings	33	36	24	26	118
Total kW Savings (Apr 2010 - Jul 2010 )					860

Installation kW Savings (Apr 2010 - Jul 2010) :	860
<b>Total kW Savings through Jul 2010 :</b>	<b>860</b>

## CCF Savings

### Florence City Schools - CCF Savings Installation (Apr 2010 - Jul 2010)

Area Served	Apr-10	May-10	Jun-10	Jul-10	Totals
<b>Florence Middle School</b>					
Florence MS Coffee Gym Gas					
Baseline	1,207	1,462	223	2	2,894
Actual	86	11	8	3	108
Savings	1,121	1,451	215	(1)	2,786
Florence MS Academic Gas					
Baseline	1,398	634	353	68	2,454
Actual	699	313	95	61	1,168
Savings	699	321	258	7	1,286
<b>Hibbett Middle School</b>					
Hibbett MS Gas 3					
Baseline	497	514	209	248	1,468
Actual	276	140	64	127	607
Savings	221	374	145	121	861
<b>Harlan Elementary</b>					
Harlan Elem Gas 3					
Baseline	673	188	15	2	877
Actual	840	110	14	0	964
Savings	(167)	78	1	2	(87)
Total CCF Savings (Apr 2010 - Jul 2010 )					4,846

Installation CCF Savings (Apr 2010 - Jul 2010) :	4,846
<b>Total CCF Savings through Jul 2010 :</b>	<b>4,846</b>