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# **Government Efficiency & Accountability Council**

## **ACTION PACKET**

**Thursday, October 4, 2007  
1:45 PM – 4:15 PM  
Morris Hall (17 HOB)**

**COUNCIL MEETING REPORT**  
**Government Efficiency & Accountability Council**  
**10/4/2007 1:45:00PM**

**Location:** Morris Hall (17 HOB)

**Attendance:**

	<i>Present</i>	<i>Absent</i>	<i>Excused</i>
Frank Attkisson (Chair)	X		
Carl Domino	X		
Greg Evers	X		
Andy Gardiner	X		
Joseph Gibbons	X		
Eduardo Gonzalez	X		
Michael Grant	X		
Ed Homan	X		
Stan Jordan	X		
Matthew Meadows			X
Julio Robaina	X		
Franklin Sands	X		
Robert Schenck	X		
Michael Scionti			X
Darren Soto	X		
Geraldine Thompson			X
<b>Totals:</b>	<b>13</b>	<b>0</b>	<b>3</b>

Committee meeting was reported out: Thursday, October 04, 2007 6:08:31PM

**COUNCIL MEETING REPORT**  
**Government Efficiency & Accountability Council**

**10/4/2007 1:45:00PM**

**Location:** Morris Hall (17 HOB)

**Other Business Appearance:**

Collection of Discretionary Sales Surtax by the Department of Revenue  
Jim Zingale, Executive Director (Lobbyist) (State Employee) (At Request Of Chair) - Information Only  
Department of Revenue  
501 S. Calhoun St.  
Tallahassee FL  
Phone: 850-488-5050

Collection of Discretionary Sales Surtax by the Department of Revenue  
John W. Smith, Legislative Director (Lobbyist) - Information Only  
Fla. Association of Counties  
300 S. Monroe St.  
Tallahassee FL 32301  
Phone: 850-922-4300

Energy Saving Practices and Audits for Government Buildings  
James Finch, Bureau Chief of Operatins & Maintenance (State Employee) (At Request Of Chair) - Information Only  
Department of Management Services  
4050 Esplanade Way  
Tallahassee FL  
Phone: 850-922-7877

Energy Saving Practices and Audits for Government Buildings  
Doug Darling, Director of Accounting & Auditing (Lobbyist) (State Employee) (At Request Of Chair) - Information Only  
Department of Financial Services  
Tallahassee FL  
Phone: 850-413-5510

Energy Saving Practices and Audits for Government Buildings  
Christina Smith, Assistant Director of Accounting & Auditing (State Employee) (At Request Of Chair) - Information Only  
Department of Financial Services  
101 E. Gaines St.  
Tallahassee FL 32309

Energy Saving Practices and Audits for Government Buildings  
Jay Wheeler, Board Member (At Request Of Chair) - Information Only  
Osceola County School  
1524 Four Winds Blvd.  
Kissimmee FL 34746  
Phone: 407-973-4141

Energy Saving Practices and Audits for Government Buildings  
Rob Jindracek, Manager (State Employee) (At Request Of Chair) - Information Only  
Broward County Schools  
3810 NW 10 Ave.  
Ft. Lauderdale FL 33309  
Phone: 754-321-4756

Committee meeting was reported out: Thursday, October 04, 2007 6:08:31PM

**COUNCIL MEETING REPORT**  
**Government Efficiency & Accountability Council**

**10/4/2007 1:45:00PM**

**Location:** Morris Hall (17 HOB)

Energy Saving Practices and Audits for Government Buildings

James Kiriazes, Operations Manager (At Request Of Chair) - Information Only

Siemens Building Technologies

3429 Deer Oak Circle

Oviedo FL 32766

Phone: 407-466-2801

Committee meeting was reported out: Thursday, October 04, 2007 6:08:31PM

**COUNCIL MEETING REPORT**  
**Government Efficiency & Accountability Council**  
**10/4/2007 1:45:00PM**

**Location:** Morris Hall (17 HOB)

**Summary:** No Bills Considered

Committee meeting was reported out: Thursday, October 04, 2007 6:08:31PM

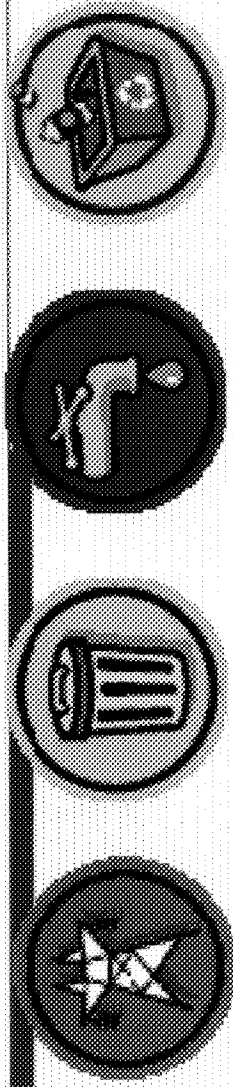
Discretionary Sales Surtax  
Administrative Cost Deductions

		<u>Percent of Deduction to Receipts</u>
FY 2007-08 Estimated Receipts	\$1.94 Billion	
FY 2007-08 Authorized Cost Deductions	\$3.54 Million	.183%
Senate PCB - Special Session C	<u>\$2.79 Million</u>	<u>.143%</u>
Total with Senate PCB	<u>\$6.33 Million</u>	<u>.326%</u>

s. 212.054(4)(b), F.S., states, in part, that the amount deducted for the costs of administration shall not exceed 3 percent of the total revenue generated for all counties levying a surtax authorized in s. 212.055, F.S.

The projected statewide net increase in discretionary sales surtax distributions over FY 2006-07 distributions approximates 4.65% after adjusting for the Senate PCB.

# Performance Contracting



*Support Services*

Physical Plant  
Operations Division

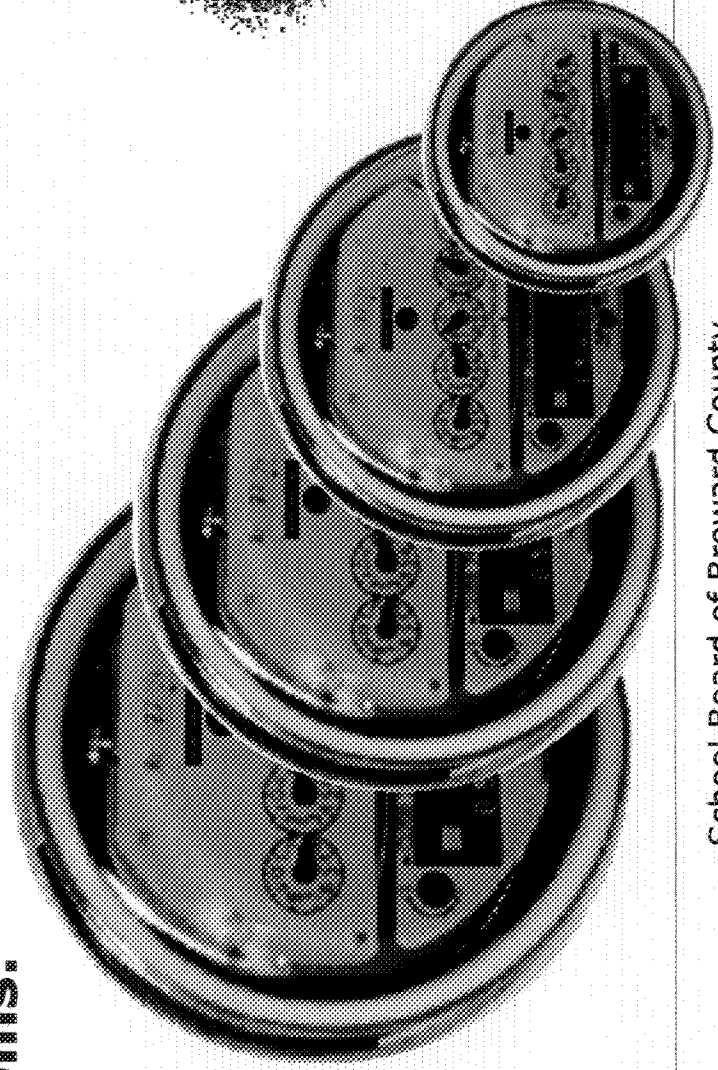


**Energy Conservation / Utility Management Department**

# Introduction

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- **In the effort to further direct financial resources to the classroom and students, the SBBC strives to minimize expenditures on our utility bills.**



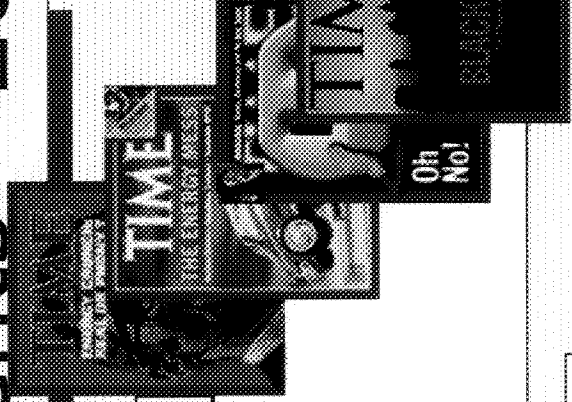


# Current Events - 2007

**Sun-Sentinel**  com

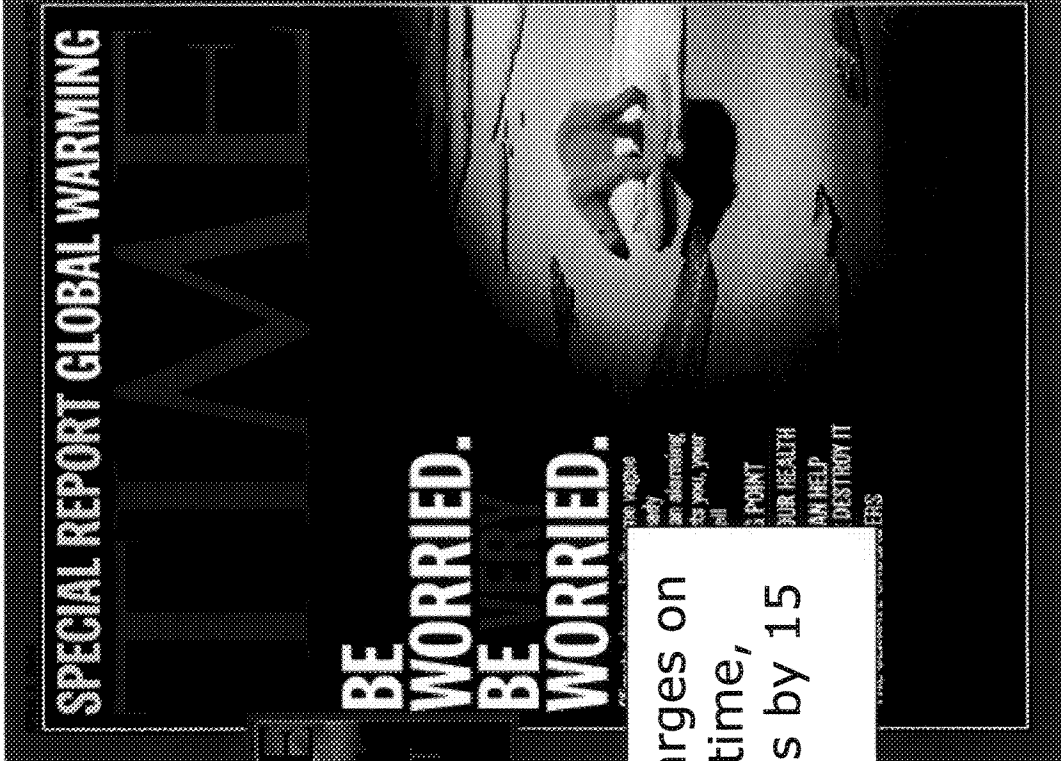
**Natural gas supply up;**

By Brad Foss  
The Associated Press  
Posted January 2 2007



SOUTH FLORIDA  
**THE BUSINESS JOURNAL**

"Since 1999, FP&L has increased fuel charges on customer bills 200 percent. At the same time, the company has decreased its base rates by 15 percent."



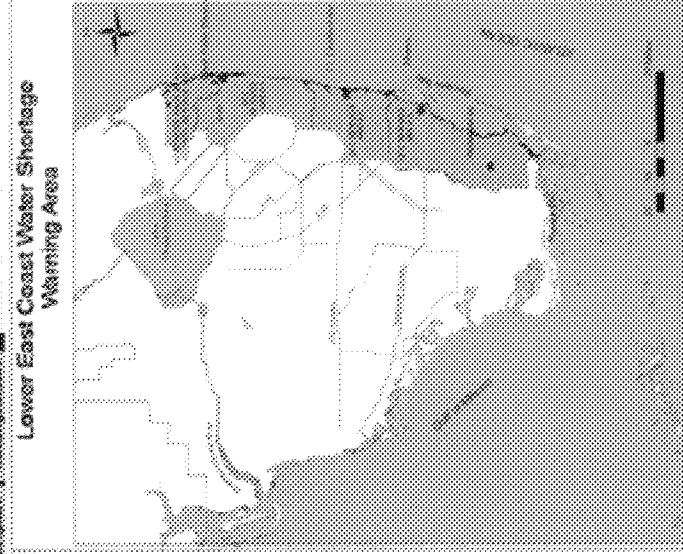
# Current Events - 2007



The water level in Lake Okechobee has fallen to just under 13 feet, threatening South Florida's water reserves.

**Salt Water  
Intrusion**

**Population Surge  
Contributes to Water  
Shortage**



Rain totals so far this year are 13.3 inches below normal in Broward County

# **Project Goals**

- Reduce Operational Cost thru
  - Reduced Energy Consumption
  - Lower utility (trash and water) costs
- Provide Facility improvements at no cost to the SBBC
- Be totally self funded with a profit to the SBBC in 10 years
- Track Utility Savings for 10 years to insure goals are met

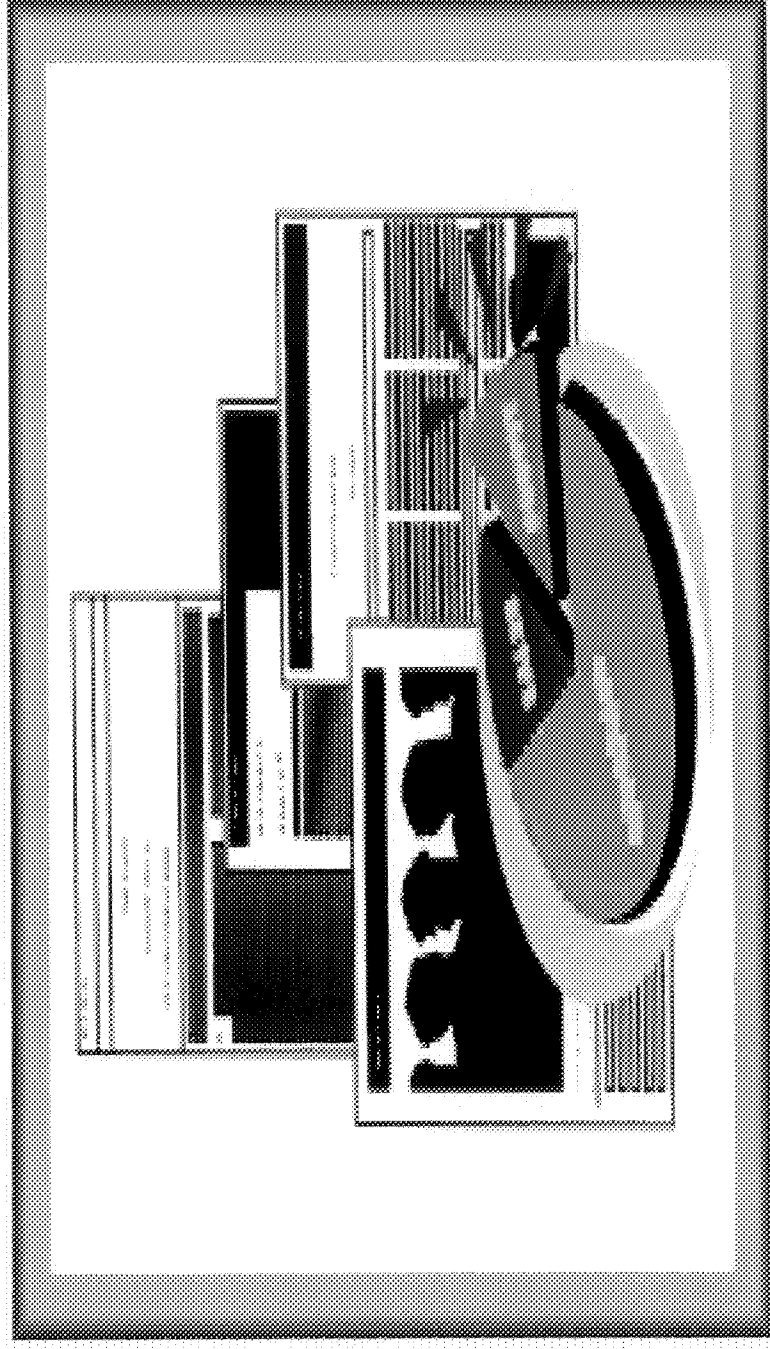
## Step 1



The School Board issues a Request  
For Proposal with responses by  
ESCOs due in April of 1998

## Step 2

- SBBC selection committee reviews responses and decides to award schools to the top-ranked Energy Services Companies (ESCOs)



## Step 3

- Energy Audit Agreement (EAA) signed in November of 1999
- Energy Audits begin at assigned schools (8 for each ESCO)



## Step 4

- Phase 1 - Audit Reports submitted to SBBC in March of 2000 .
- SBBC begins technical review of Audits submitted by ESCOs.



## Step 5

- Phase 1 - Energy Services Agreement (ESA) with Amendments approved in April 2001.
- Go ahead given to ESCOs to begin construction



# Performance Contracting Timeline

RFP ISSUED



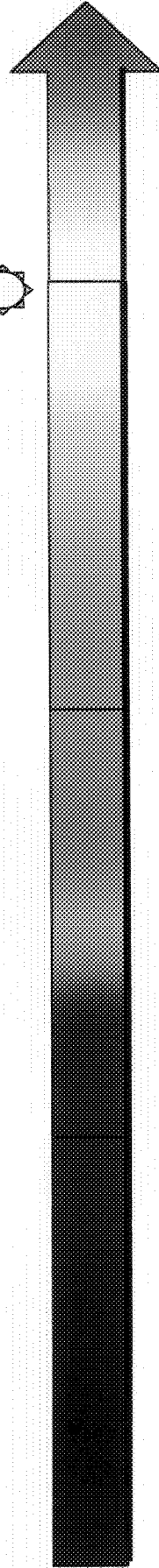
ENERGY AUDIT  
AGREEMENTS SIGNED



AUDITS DELIVERED



ENERGY SERVICES  
AGREEMENTS APPROVED



April 98

April 99

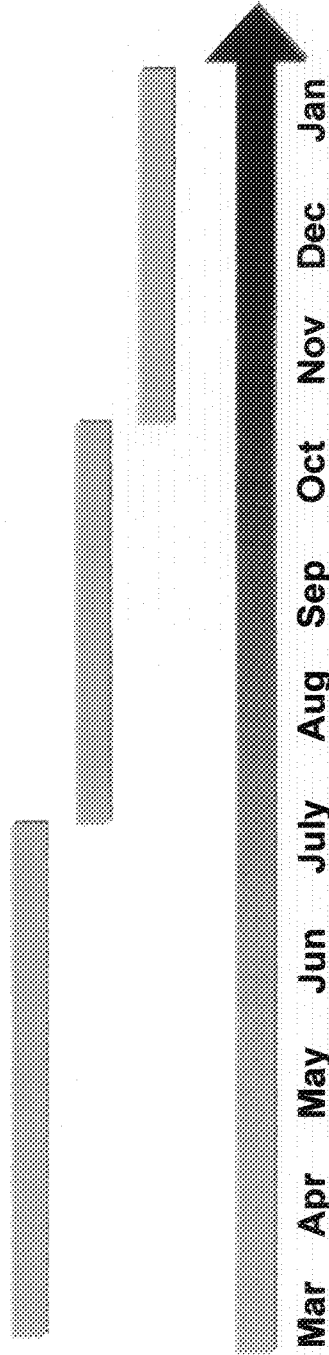
April 2000

April 2001

# Schedule

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- Each Phase has a 1 year time frame for completion



# **Renovations Begin**

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- Phase 1- selected vendors begin construction on Phase 1 schools in April 2001.
- Phase 2's renovations begin in October 2004
- Phase 3's begin October 2006

# Description

- Under the Energy Services Agreements the ESCOs shall provide Energy Conservation Measures

- Chiller replacement
- Thermal Storage
- Lighting retrofits / Controls
- Expansion of Energy Management Systems
- Trash Compaction
- Water Conservation / Irrigation Control

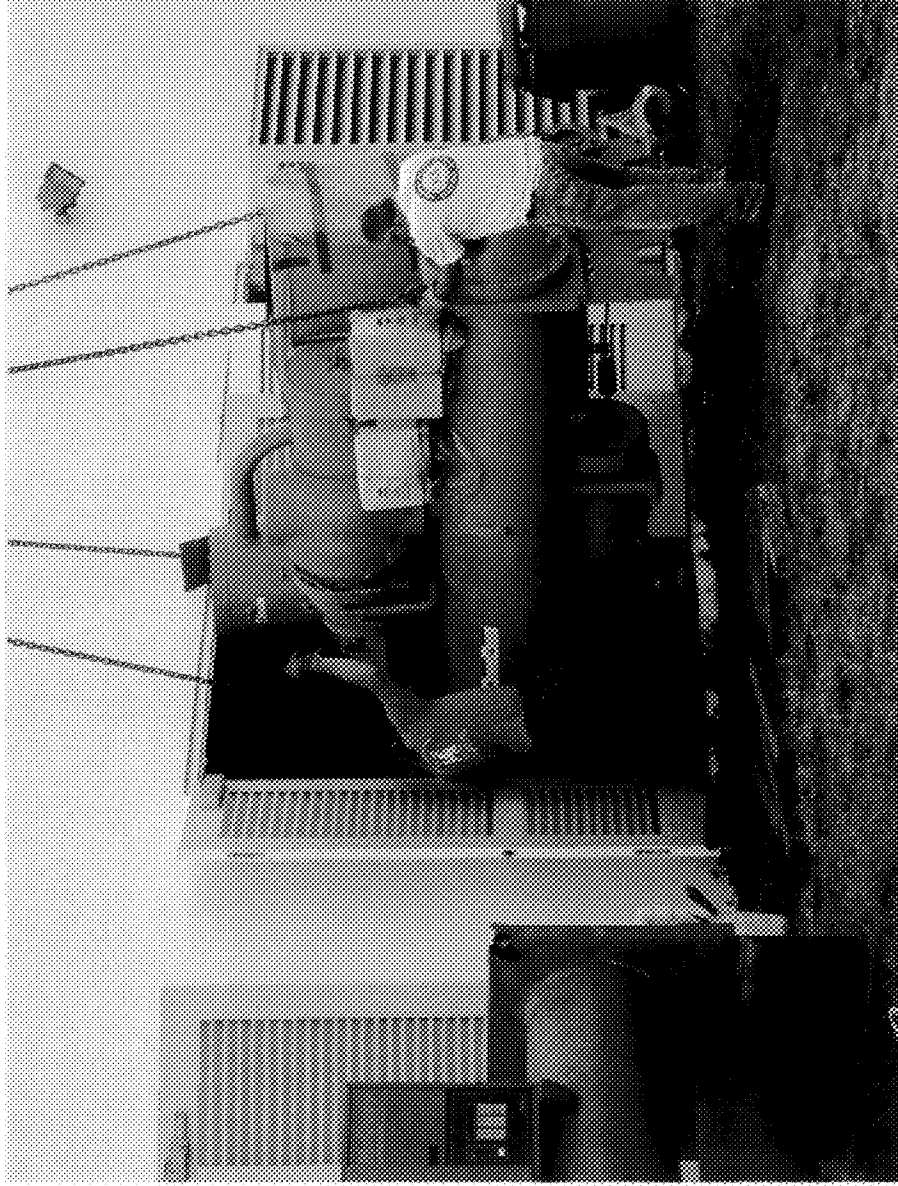
# Mechanical Retrofits

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# High Efficiency Air Conditioning

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10/4/2007

School Board of Broward County

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# Thermal Storage

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10/4/2007

School Board of Broward County

# Energy Efficient Lighting

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10/4/2007

School Board of Broward County

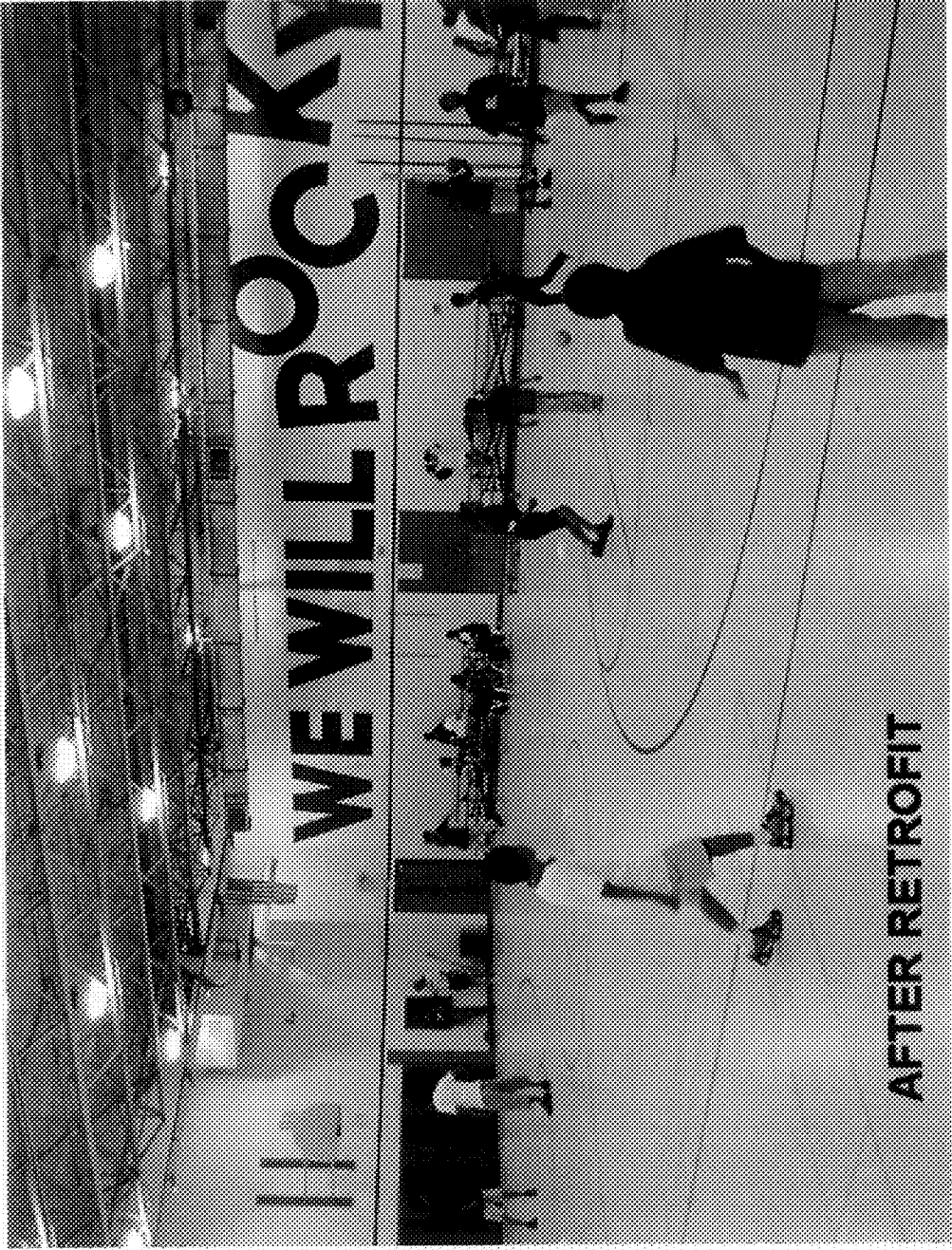


# Facility Improvements

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AFTER RETROFIT



# Financial Savings to SBBC

- Over the ten year term of the pilot phase , the total Guaranteed Savings in utility costs for the 30 schools is over \$12,000,000

Broward County Commissioner  
Kristin Jacobs presented SBBC  
staff the Energy Management  
Executive of the Year Award in  
2001



# Reduction in Utility Bills

- From May 2001 to present the SBBC has reduced its Utility bills by \$7.85 million.

**Physical Plant Operations Division**  
Energy Conservation Utility Management Department

**Physical Plant Operations Division**  
Energy Conservation Utility Management Department

**Physical Plant Operations Division**  
Energy Conservation Utility Management Department

**Monthly Utility Cost Avoidance Report July 2005**

**Monthly Utility Cost Avoidance Report August 2006**

**Monthly Utility Cost Avoidance Report September 2006**

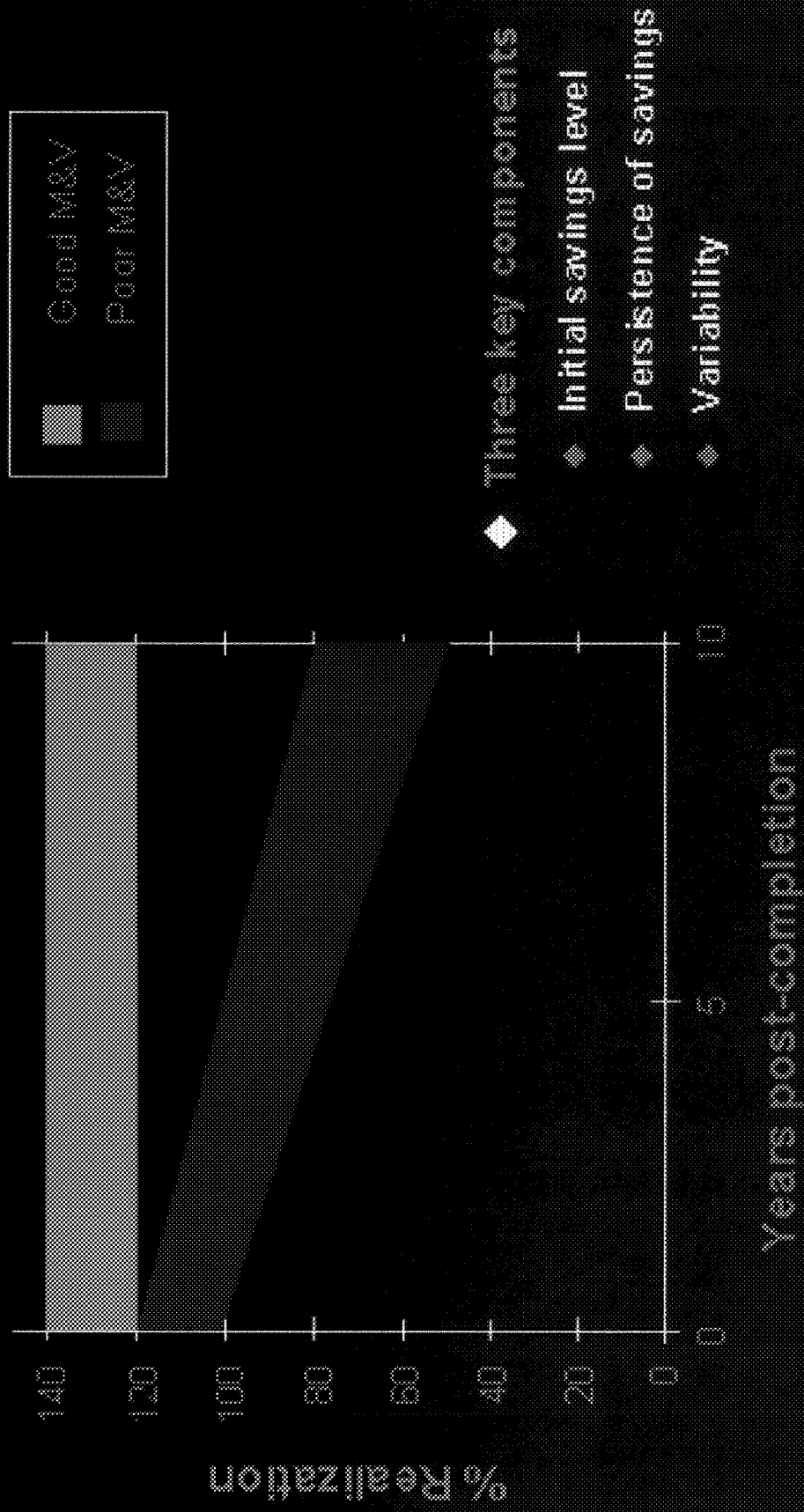
Building	2005-2006 School Year		2006-2007 School Year	
	Actual	Budget	Actual	Budget
Building 1	1000	1000	1000	1000
Building 2	1000	1000	1000	1000
Building 3	1000	1000	1000	1000
Building 4	1000	1000	1000	1000
Building 5	1000	1000	1000	1000
Building 6	1000	1000	1000	1000
Building 7	1000	1000	1000	1000
Building 8	1000	1000	1000	1000
Building 9	1000	1000	1000	1000
Building 10	1000	1000	1000	1000
Building 11	1000	1000	1000	1000
Building 12	1000	1000	1000	1000
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Building 91	1000	1000	1000	1000
Building 92	1000	1000	1000	1000
Building 93	1000	1000	1000	1000
Building 94	1000	1000	1000	1000
Building 95	1000	1000	1000	1000
Building 96	1000	1000	1000	1000
Building 97	1000	1000	1000	1000
Building 98	1000	1000	1000	1000
Building 99	1000	1000	1000	1000
Building 100	1000	1000	1000	1000
<b>Total</b>	<b>100000</b>	<b>100000</b>	<b>100000</b>	<b>100000</b>

## ***Program Goals***

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1. Maximize Utility Cost Savings
2. Perform Work Rapidly
3. Savings must be on-going and not allowed to decline
4. Yield the greatest ROI

# Project Comparison







# Phase 1 Schools

- North Area
- Coral Park Elementary
- Forest Hills Elementary
- James Hunt Elementary
- Forest Glen Middle
- Coral Springs High
- Charles Drew Elementary
- Tamarac Elementary
- Cross Creek Center

# Phase 1 Schools

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- North Central
- Broadview Elementary
- Castle Hill Elementary
- Lauderhill, Paul Turner Elementary
- Larkdale Elementary
- Oriole Elementary
- Royal Palm Elementary
- Lauderdale Lakes Middle
- Boyd Anderson High
- Wingate Oaks
- Atlantic Technical

# **Phase 1 Schools**

- **South Central**
- **Mirror Lake Elementary**
- **Peters Elementary**
- **Plantation Middle**
- **Plantation High**

# Phase 1 Schools

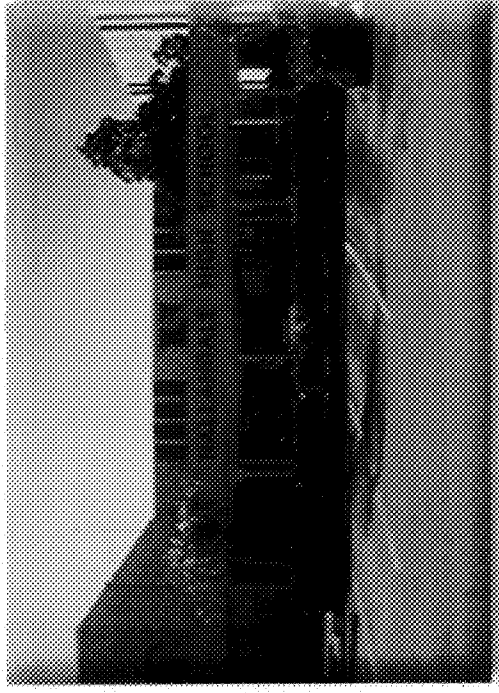
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- South Area
- Boulevard Heights Elementary
- Hollywood Park Elementary
- Pembroke Pines Elementary
- Sea Castle Elementary
- West Hollywood Elementary
- Apollo Middle
- Miramar High

## Phase 2 Schools

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- South Area
- Watkins Elementary
- Orange Brook Elementary
- Sunshine Elementary
- Perry Middle
- Colbert Elementary
- Hallandale High School
- Miramar Elementary
- Hallandale Adult & Community School
- Fairway Elementary
- Whispering Pines Center



## Phase 2 Schools

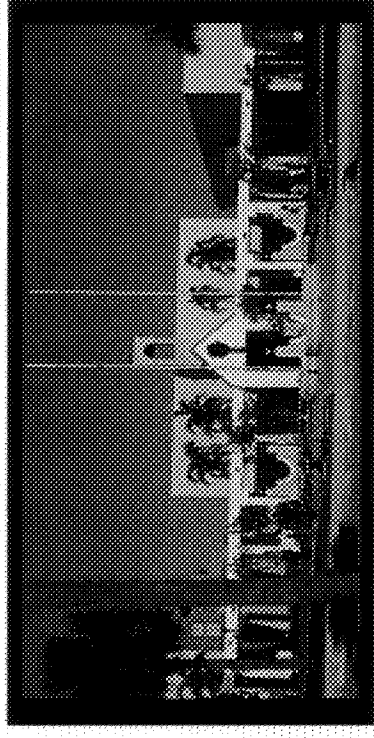
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- South Central Area
- Croissant Park Elem.
- Stephen Foster Elem.
- North Fork Elem.
- Riverland Elem.
- Lauderhill Middle
- Stranahan High School
- Whiddon-Rogers Adult Cnt.
- Whiddon-Rogers Annex (Edgewood)
- Seagull School
- M.L.King Elementary
- Northside Elementary



## Phase 2 Schools

- North Area
  - Coral Springs Elem.
  - Deerfield Park Elem.
  - Park Ridge Elem.
  - Tedder Elementary
  - Coral Springs Middle
  - Deerfield Beach High School
  - Bright Horizons Center
  - Cypress Elementary

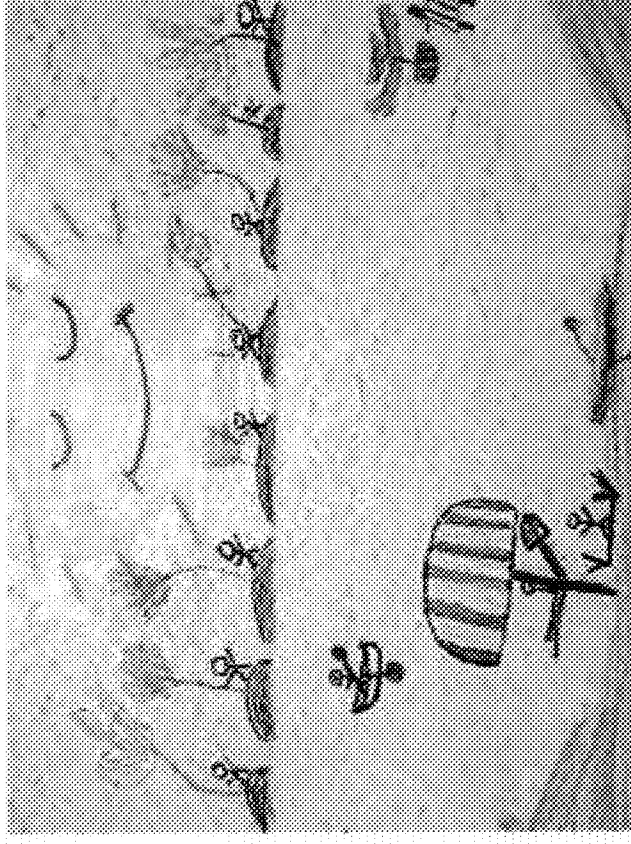




## Phase 2 Schools

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- North Central Area
  - Horizon Elementary
  - Banyan Elementary
  - Nob Hill Elementary
  - Sandpiper Elementary
  - Village Elementary
  - Welleby Elementary
  - Bair Middle School
  - Piper High School
  - West Pine Middle
  - North Lauderdale Elementary



# Phase 3 Schools

Atlantic West Elementary
Coconut Creek Elementary
Coconut Creek High
Deerfield Beach Middle
Hollywood Central Elementary
Liberty Elementary
McNicol Middle
Sheridan Technical Center
Stirling Elementary

Embassy Creek Elementary
Seminole Middle
South Plantation High
Tropical Elementary

Arthur Ashe Middle
Broward Estates Elementary
Floranada Elementary
James Rickards Middle
New River Middle
NorthEast High
Sunland Park Elementary
Sunrise Middle
Virginia S. Young Elementary
Wilton Manors Elementary

# Phase 4 Targeted Schools

Flanagan High School	Tradewinds Elementary
Falcon Cove Middle	Lyons Creek Middle
William Dandy Middle school	Winston Park Elementary
Colbert Elementary	Stoneman Douglas High
Eagle Ridge Elementary	Quiet Waters Elementary
Fox Trails Elementary	Riverglades Elementary
Maplewood Elementary	Park Trails Elementary
Westchester Elementary	Chapel Trail Elementary
Blanche Forman Elementary School	Hawks Bluff Elementary
Griffin Elementary School	Lakeside Elementary
McFatter Technical Center	McArthur High School
Nova Eisenhower Elementary School	Palm Cove Elementary
Silver Ridge Elementary School	Pasadena Lakes Elementary
	Pembroke Lakes Elementary
	Pines Lakes Elementary

# Performance Contracting

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- Future Phases .
- Build on Success of the Previous Phases
- Complete schools already audited and continue program so that all schools participate equally in the program

