

Florida Energy Efficiency Code For Building Construction

EnergyGauge Summit® Fla/Com-2010, Effective Date: March 15, 2012 -- Form 506-2010

Total Building Performance Method for Commercial Buildings

PROJECT SUMMARY

Short Desc: GC-CG

Owner: Columbia Grain

Address1: 3830 NW Brown Rd

Address2:

Type: Office

Jurisdiction: COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)

Conditioned Area: 1600 SF

No of Stories: 1

Permit No: 0

Description: Columbia Grain New Building

City: Lake City

State: FL

Zip: 32055

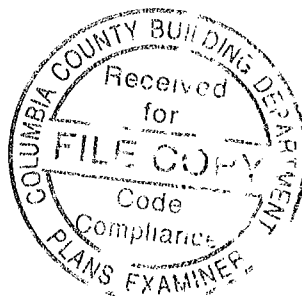
Class: New Finished building

Conditioned & UnConditioned Area: 1600 SF

Area entered from Plans 1600 SF

Max Tonnage 4

If different, write in: _____



[Handwritten signature]
9/9/12

Compliance Summary			
Component	Design	Criteria	Result
Gross Energy Cost (in \$)	1,176.0	1,182.0	PASSED
LIGHTING CONTROLS			PASSES
EXTERNAL LIGHTING			PASSES
HVAC SYSTEM			PASSES
PLANT			None Entered
WATER HEATING SYSTEMS			PASSES
PIPING SYSTEMS			PASSES
Met all required compliance from Check List?			Yes/No/NA
IMPORTANT MESSAGE Info 5009 -- -- -- An input report of this design building must be submitted along with this Compliance Report			

CERTIFICATIONS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code

Prepared By Gary Gill

Building Official _____

Date 9/9/14

Date _____

I certify that this building is in compliance with the Florida Energy Efficiency Code

Owner Agent _____

Date _____

If Required by Florida law, I hereby certify (*) that the system design is in compliance with the Florida Energy Efficiency Code

Architect Gary Gill

Reg No 51942

Electrical Designer _____

Reg No _____

Lighting Designer _____

Reg No _____

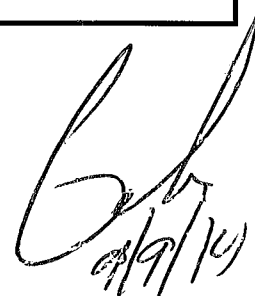
Mechanical Designer _____

Reg No _____

Plumbing Designer _____

Reg No _____

(*) Signature is required where Florida Law requires design to be performed by registered design professionals


9/9/14

Project: GC-CG
 Title: Columbia Grain New Building
 Type: Office
 (WEA File: FL JACKSONVILLE INTL ARPT.tn3)

Building End Uses

	1) Proposed	2) Baseline
Total	75.20	93.80
	\$1,176	\$1,477
ELECTRICITY(MBtu/kWh/\$)	75.20	93.80
	22058	27505
	\$1,176	\$1,477
AREA LIGHTS	15.90	18.40
	4655	5390
	\$248	\$289
MISC EQUIPMT	24.00	24.00
	7033	7033
	\$375	\$378
PUMPS & MISC	0.10	0.10
	38	39
	\$2	\$2
SPACE COOL	18.20	20.60
	5347	6023
	\$285	\$323
SPACE HEAT	0.00	4.40
	0	1300
	\$0	\$70
VENT FANS	17.00	26.30
	4985	7720
	\$266	\$415

Credits Applied: None

Passing Criteria = 1182

Design (including any credits) = 1176

Passing requires Proposed Building cost to be at most 80% of
 Baseline cost. This Proposed Building is at 79.6%

PASSES

Project: GC-CG

Title: Columbia Grain New Building

Type: Office

(WEA File: FL_JACKSONVILLE_INTL_ARPT.tm3)

External Lighting Compliance

Description	Category	Tradable?	Allowance (W/Unit)	Area or Length or No. of Units (Sqft or ft)	ELPA (W)	CLP (W)
Ext Light 1	Main entries	Yes	30 00	3 0	90	80

Tradable Surfaces: 80 (W) Allowance for Tradable: 840 (W)

PASSES

All External Lighting: 80 (W)

Compliance check includes a excess/Base allowance of 750.00(W)

Project: GC-CG

Title: Columbia Grain New Building

Type: Office

(WEA File: FL_JACKSONVILLE_INTL_ARPT.tm3)

Lighting Controls Compliance

Acronym	Ashrae ID	Description	Area (sq.ft)	Design CP	Min CP	Compli- ance
Pr0Zo1Sp1	17	Office - Enclosed	1,600	4	1	PASSES

PASSES

Project: GC-CG

Title: Columbia Grain New Building

Type: Office

(WEA File: FL_JACKSONVILLE_INTL_ARPT.tm3)

System Report Compliance

Pr0Sy1	System 1	Constant Volume Air Cooled Split System < 65000 Btu/hr	No. of Units 1
--------	----------	---	-------------------

Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Comp- liance
Cooling System	Air Conditioners Air Cooled Split System < 65000 Btu/h Cooling Capacity		13 00	12 23	8 00		PASSES
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0 25	0 82			PASSES
Air Handling System - Return	Air Handler (Return) - Constant Volume		0 50	0 82			PASSES

PASSES

Plant Compliance								
Description	Installed No	Size	Design Eff	Min Eff	Design IPLV	Min IPLV	Category	Compliance
								None

Project: GC-CG Title: Columbia Grain New Building Type: Office (WEA File: FL_JACKSONVILLE_INTL_ARPT.tm3)								
Water Heater Compliance								
Description	Type	Category	Design Eff	Min Eff	Design Loss	Max Loss	Compliance	
Water Heater 1	Electric water heater	<= 12 [kW]	0.92	0.92			PASSES	
								PASSES

Project: GC-CG Title: Columbia Grain New Building Type: Office (WEA File: FL_JACKSONVILLE_INTL_ARPT.tm3)								
Piping System Compliance								
Category	Pipe Dia [inches]	Is Runout?	Operating Temp [F]	Ins Cond [Btu-in/hr .SF.F]	Ins Thick [in]	Req Ins Thick [in]	Compliance	
Heating System (Steam, Steam Condensate, & Hot Water)	0.25	False	105.00	0.28	0.50	0.50	PASSES	
								PASSES

Project: GC-CG
 Title: Columbia Grain New Building
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Other Required Compliance

Category	Section	Requirement (write N/A in box if not applicable)	Check
Report	506.4.2	Input Report Print-Out from EnergyGauge FlaCom attached	☐
Operations Manual	303.3.1, 503.2.9.3, 505.7.4.2	Operations manual provided to owner	☐
Windows & Doors	502.3.2	Glazed swinging entrance & revolving doors max 1.0 cfm/ft ² , all other products 0.3 cfm/ft ²	☐
Joints/Cracks	502.3.3	To be caulked, gasketed, weather-stripped or otherwise sealed	☐
Dropped Ceiling Cavity	502.3	Vented seal & insulated ceiling Unvented seal & insulate roof & side walls	☐
HVAC Efficiency	503.2.3	Minimum efficiencies Tables 503.2.3(1)-(8)	☐
HVAC Controls	503.2.4	Zone controls prevent reheat (exceptions), separate thermostatic control per zone,	☐
Ventilation	503.2.5	Outdoor air supply & exhaust ducts shall have dampers that automatically shut when systems or spaces served are not in use Exhaust air energy recovery required for cooling systems (Exceptions)	☐
ADS	503.2.7.5	Duct sizing and Design have been performed	☐
HVAC Ducts	503.2.7	Air ducts, fittings, mechanical equipment & plenum chambers shall be mechanically attached, sealed, insulated & installed per Table 503.2.7.2. Fan power limitations	☐
Balancing	503.2.9.1	HVAC distribution system(s) tested & balanced Report in construction documents	☐
Piping Insulation	503.2.8	HAC and service hot water In accordance with Table 503.2.8	☐
Water Heaters	504	Performance requirements in accordance with Table 504.2 Heat trap required	☐
Swimming Pools	504.7	Vapor-retardant or liquid cover or other means proven to reduce heat loss on heated pools, Time switch (exceptions); readily accessible on/off switch	☐
Motors	505.7.5	Motor efficiency criteria have been met	☐
Lighting Controls	505.2, 502.3	Automatic control required for interior lighting in buildings >5,000 s f , Space control, Exterior photo sensor, Tandom wiring with 1 or 3 linear fluorescent lamps>30W	☐

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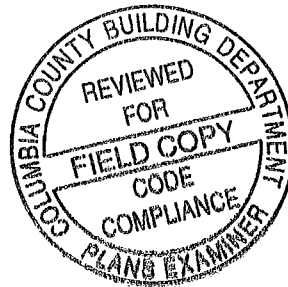
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Reg No 51942

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Reg No _____

Lighting Designer _____

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Description	Installed No	Size	Design Eff	Min Eff	Design IPLV	Min IPLV	Category	Compliance
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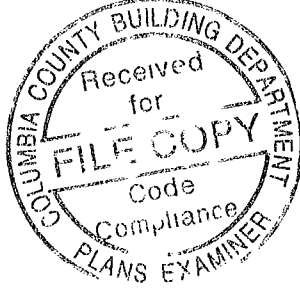
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Windows & Doors	502.3.2	Glazed swinging entrance & revolving doors max 1.0 cfm/ft ² , all other products 0.3 cfm/ft ²	☐
Joints/Cracks	502.3.3	To be caulked, gasketed, weather-stripped or otherwise sealed	☐
Dropped Ceiling Cavity	502.3	Vented seal & insulated ceiling Unvented seal & insulate roof & side walls	☐
HVAC Efficiency	503.2.3	Minimum efficiencies Tables 503.2.3(1)-(8)	☐
HVAC Controls	503.2.4	Zone controls prevent reheat (exceptions), separate thermostatic control per zone,	☐
Ventilation	503.2.5	Outdoor air supply & exhaust ducts shall have dampers that automatically shut when systems or spaces served are not in use Exhaust air energy recovery required for cooling systems (Exceptions)	☐
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Piping Insulation	503.2.8	HAC and service hot water In accordance with Table 503.2.8	☐
Water Heaters	504	Performance requirements in accordance with Table 504.2 Heat trap required	☐
Swimming Pools	504.7	Vapor-retardant or liquid cover or other means proven to reduce heat loss on heated pools, Time switch (exceptions), readily accessible on/off switch	☐
Motors	505.7.5	Motor efficiency criteria have been met	☐
Lighting Controls	505.2, 502.3	Automatic control required for interior lighting in buildings >5,000 s f, Space control, Exterior photo sensor, Tandom wiring with 1 or 3 linear fluorescent lamps>30W	☐

INPUT DATA REPORT**Project Information****Project Name:** GC-CG**Project Title:** Columbia Gram New Building**Address:** 3830 NW Brown Rd**State:** FL**Zip:** 32055**Owner:** Columbia Gram**Orientation:** North**Building Type:** Office**Building Classification:** New Finished building**No. of Stories:** 1**Gross Area:** 1600 SF**Zones**

No	Acronym	Description	Type	Area [sf]	Multiplier	Total Area [sf]
1	Pr0Zo1	Zone 1	CONDITIONED	1600 0	1	1600 0

Spaces

No	Acronym	Description	Type	Depth [ft]	Width [ft]	Height [ft]	Multi plier	Total Area [sf]	Total Volume [cf]
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In Zone: Pr0Zo1									
1	Pr0Zo1Sp1	Zo0Sp1	Office - Enclosed	32 00	50 00	8 00	1	1600 0	12800 0 ☐

Lighting

No	Type	Category	No. of Luminaires	Watts per Luminaire	Power [W]	Control Type	No. of Ctrl pts
In Zone: Pr0Zo1							
In Space: Pr0Zo1Sp1							
1	Recessed Fluorescent - Return & Supply vent	General Lighting	10	128	1280	Manual On/Off	3 ☐
2	Incandescent	General Lighting	3	80	240	Manual On/Off	1 ☐

Walls

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Direction	Conductance [Btu/hr. sf F]	Heat Capacity [Btu/sf.F]	Dens. [lb/cf]	R-Value [h.s.f.F/Btu]
In Zone: Pr0Zo1											
1	Pr0Zo1Wa1	Metal siding/2x4@24"+R1 1Batt/5/8"Gyp	32 00	8 00	1	256 0	North	0 0920	1 072	19.38	10 9 ☐
2	Pr0Zo1Wa2	Metal siding/2x4@24"+R1 1Batt/5/8"Gyp	50 00	8 00	1	400 0	West	0 0920	1 072	19.38	10 9 ☐
3	Pr0Zo1Wa3	Metal siding/2x4@24"+R1 1Batt/5/8"Gyp	32 00	8 00	1	256 0	South	0 0920	1 072	19.38	10 9 ☐
4	Pr0Zo1Wa4	Metal siding/2x4@24"+R1 1Batt/5/8"Gyp	50 00	8 00	1	400 0	East	0 0920	1 072	19.38	10.9 ☐

Windows											
No	Description	Type	Shaded	U [Btu/hr sf F]	SHGC	Vis.Tra	W [ft]	H (Effec) [ft]	Multi plier	Total Area [sf]	
In Zone: Pr0Zo1											
In Wall: Pr0Zo1Wa1											
1	Pr0Zo1Wa1Wi1	User Defined	No	0.4500	0.34	0.21	8.00	5.00	1	40.0	
2	Pr0Zo1Wa1Wi2	User Defined	No	0.4500	0.34	0.21	5.00	4.00	1	20.0	
In Wall: Pr0Zo1Wa2											
1	Pr0Zo1Wa2Wi1	User Defined	No	0.4500	0.34	0.21	8.00	5.00	1	40.0	
2	Pr0Zo1Wa2Wi2	User Defined	No	0.4500	0.34	0.21	4.00	5.00	1	20.0	
In Wall: Pr0Zo1Wa3											
1	Pr0Zo1Wa3Wi1	User Defined	No	0.4500	0.34	0.21	4.00	5.00	1	20.0	
Doors											
No	Description	Type	Shaded?	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Cond. [Btu/hr. sf. F]	Dens. [lb/cf]	Heat Cap. [Btu/sf. F]	R-Value [h.sf.F/Btu]
In Zone: Pr0Zo1											
In Wall: Pr0Zo1Wa2											
1	Pr0Zo1Wa2Dr1	Polystyrene core (18 ga steel) 1	No	3.00	7.00	1	21.0	0.4982	0.00	0.00	2.01
In Wall: Pr0Zo1Wa3											
1	Pr0Zo1Wa3Dr1	Polystyrene core (18 ga steel) 1	No	3.00	7.00	1	21.0	0.4982	0.00	0.00	2.01
In Wall: Pr0Zo1Wa4											
1	Pr0Zo1Wa4Dr1	Polystyrene core (18 ga steel) 1	No	3.00	7.00	1	21.0	0.4982	0.00	0.00	2.01
Roofs											
No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Tilt [deg]	Cond. [Btu/hr. Sf. F]	Heat Cap [Btu/sf. F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]
In Zone: Pr0Zo1											

1	Pr0Zo1Rf1	Mtl Bldg Roof/R-19 Batt	50 00	32.00	1	1600 0	0 00	0 0492	1 34	9 49	20 3	☐
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Skylights

No	Description	Type	U [Btu/hr sf F]	SHGC	Vis.Trans	W [ft]	H (Effec) [ft]	Multiplier	Area [Sf]	Total Area [Sf]
In Zone:										
In Roof:										

Floors

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Cond. [Btu/hr. sf. F]	Heat Cap. [Btu/sf. F]	Dens. [lb/cf]	R-Value [h.s.f.F/Btu]
In Zone:	Pr0Zo1									
1	Pr0Zo1F11	1 ft. soil, concrete floor, carpet and rubber pad	50 00	32 00	1	1600 0	0 2681	34 00	113 33	3 73

Systems

Pr0Sy1	System 1	Constant Volume Air Cooled Split System < 65000 Btu/hr	No. Of Units	1
Component	Category	Capacity	Efficiency	IPLV
1	Cooling System	48000 00	13.00	8 00
2	Air Handling System -Supply	1600 00	0.25	☐
3	Air Handling System - Return	1600 00	0 50	☐

Plant

Equipment	Category	Size	Inst.No	Eff.	IPLV
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Water Heaters				
W-Heater Description	Capacity Cap.Unit	I/P Rt.	Efficiency	Loss
1 Electric water heater	40 [Gal]	5 [kW]	0.9200 [Ef]	[Btu/h]

Ext-Lighting				
Description	Category	No. of Luminaires	Watts per Luminaire	Area/Len/No. of units [sf/ft/No]
1 Ext Light 1	Main entries	2	40	3.00
				Photo Sensor control
				80.00

Piping				
No	Type	Operating Temperature [F]	Insulation Conductivity [Btu-in/h.s.f.F]	Nominal pipe Diameter [in]
1	Heating System (Steam, Steam Condensate, & Hot Water)	105.00	0.28	0.25
				0.50
				No

Fenestration Used				
Name	Glass Type	No. of Panes	Glass Conductance [Btu/h.s.f.F]	SHGC
ASHULTp TntW d-Vy-Fg firm	User Defined	3	0.4500	0.3400
				0.2100

Materials Used

Mat No	Acronym	Description	Only R-Value Used	RValue [h.s.f.F/Btu]	Thickness [ft]	Conductivity [Btu/h.ft.F]	Density [lb/cf]	SpecificHeat [Btu/lb.F]
187	Mat187	GYP OR PLAS BOARD, 1/2IN	No	0.4533	0.0417	0.0920	50.00	0.2000
178	Mat178	CARPET W/RUBBER PAD	Yes	1.2300				
265	Mat265	Soil, 1 ft	No	2.0000	1.0000	0.5000	100.00	0.2000
48	Mat48	6 in. Heavyweight concrete	No	0.5000	0.5000	1.0000	140.00	0.2000
23	Mat23	6 in. Insulation	No	20.0000	0.5000	0.0250	5.70	0.2000
4	Mat4	Steel siding	No	0.0002	0.0050	26.0000	480.00	0.1000
271	Mat271	2x4@24" oc + R11 Batt	No	10.4179	0.2917	0.0280	7.11	0.2000
94	Mat94	BUILT-UP ROOFING, 3/8IN	No	0.3366	0.0313	0.0930	70.00	0.3500

Constructs Used

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.s.f.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.s.f.F/Btu]
1033	Polystyrene core (18 ga steel) 1	No	Yes	0.50			2.0
Layer	Material No.	Material	Thickness [ft]	Framing Factor			
1	284	Polystyrene core (18 ga steel) 1		0.000			
No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.s.f.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.s.f.F/Btu]
1055	Metal siding/2x4@24"+R11Batt/5/8"Gyp	No	No	0.09	1.07	19.38	10.9
Layer	Material No.	Material	Thickness [ft]	Framing Factor			
1	4	Steel siding	0.0050	0.000			
2	271	2x4@24" oc + R11 Batt	0.2917	0.000			

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]
1055	Metal siding/2x4@24"+R11Batt/5/8"Gyp	No	No	0.09	1.07	19.38	10.9
Layer	Material No.	Material	Thickness [ft]	Framing Factor			
3	187	GYP OR PLAS BOARD, 1/2IN	0.0417	0.000			
No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]
1056	Mtl Bldg Roof/R-19 Batt	No	No	0.05	1.34	9.49	20.3
Layer	Material No.	Material	Thickness [ft]	Framing Factor			
1	94	BUILT-UP ROOFING, 3/8IN	0.0313	0.000			
2	23	6 in. Insulation	0.5000	0.000			
No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]
1057	1 ft. soil, concrete floor, carpet and rubber pad	No	No	0.27	34.00	113.33	3.7
Layer	Material No.	Material	Thickness [ft]	Framing Factor			
1	265	Soil, 1 ft	1.0000	0.000			
2	48	6 in. Heavyweight concrete	0.5000	0.000			
3	178	CARPET W/RUBBER PAD		0.000			

Profiles

0	No Classification		No Classification	
	201	People	2	Fractional Null Schedule
	202	Lighting	2	Fractional Null Schedule
	203	Infiltration	2	Fractional Null Schedule
	204	Equipment	2	Fractional Null Schedule
	205	Sources	2	Fractional Null Schedule
	206	HeatTemp	202	Set Point 55
	207	CoolTemp	201	Set Point 99
	208	Hot Water Schedule	2	Fractional Null Schedule
	1,001	Heating Schedule	1	ON-OFF Null Schedule
	1,002	Cooling Schedule	1	ON-OFF Null Schedule
	1,003	Fan Operation Schedt	1	ON-OFF Null Schedule
501	ACM-NonRes		ACM Nonres	
	201	People	519	ACM Nonres People
	202	Lighting	507	ACM Nonres Lights
	203	Infiltration	516	ACM Nonres Infiltration
	204	Equipment	510	ACM Nonres Equipment
	205	Sources	2	Fractional Null Schedule
	206	HeatTemp	501	ACM Nonres Heating
	207	CoolTemp	504	ACM Nonres Cooling
	208	Hot Water Schedule	522	ACM Nonres Hot Water
	1,001	Heating Schedule	410	Always ON
	1,002	Cooling Schedule	410	Always ON
	1,003	Fan Operation Schedt	513	ACM Nonres Fans

Schedules

1	1	On/Off	ON-OFF Null Schedule			
Hourly Sch. for 12/31/1989	Monday ShHr1	Tuesday ShHr1	Wednesday ShHr1	Thursday ShHr1	Friday ShHr1	Saturday ShHr1
						Sunday ShHr1
						Holiday ShHr1
2	2	Fraction	Fractional Null Schedule			
Hourly Sch. for 12/31/1989	Monday ShHr2	Tuesday ShHr2	Wednesday ShHr2	Thursday ShHr2	Friday ShHr2	Saturday ShHr2
						Sunday ShHr2
						Holiday ShHr2
44	44	Absolute	SetPt78			
Hourly Sch. for 12/31/1989	Monday ShHr179	Tuesday ShHr179	Wednesday ShHr179	Thursday ShHr179	Friday ShHr179	Saturday ShHr179
						Sunday ShHr179
						Holiday ShHr179
45	45	Absolute	Set Point 70			
Hourly Sch. for 12/31/1989	Monday ShHr180	Tuesday ShHr180	Wednesday ShHr180	Thursday ShHr180	Friday ShHr180	Saturday ShHr180
						Sunday ShHr180
						Holiday ShHr180
201	201	Absolute	Set Point 99			
Hourly Sch. for 12/31/1989	Monday ShHr201	Tuesday ShHr201	Wednesday ShHr201	Thursday ShHr201	Friday ShHr201	Saturday ShHr201
						Sunday ShHr201
						Holiday ShHr201
202	202	Absolute	Set Point 55			
Hourly Sch. for 12/31/1989	Monday ShHr202	Tuesday ShHr202	Wednesday ShHr202	Thursday ShHr202	Friday ShHr202	Saturday ShHr202
						Sunday ShHr202
						Holiday ShHr202

410	410	Always ON						
Hourly Sch. for 12/31/1989	Monday ShHr410	Tuesday ShHr410	Wednesday ShHr410	Thursday ShHr410	Friday ShHr410	Saturday ShHr410	Sunday ShHr410	Holiday ShHr410
501	501	Absolute ACM Nonres Heating						
Hourly Sch. for 12/31/1989	Monday ShHr501	Tuesday ShHr501	Wednesday ShHr501	Thursday ShHr501	Friday ShHr501	Saturday ShHr502	Sunday ShHr503	Holiday ShHr503
504	504	Absolute ACM Nonres Cooling						
Hourly Sch. for 12/31/1989	Monday ShHr504	Tuesday ShHr504	Wednesday ShHr504	Thursday ShHr504	Friday ShHr504	Saturday ShHr505	Sunday ShHr506	Holiday ShHr506
507	507	Fraction ACM Nonres Lights						
Hourly Sch. for 12/31/1989	Monday ShHr507	Tuesday ShHr507	Wednesday ShHr507	Thursday ShHr507	Friday ShHr507	Saturday ShHr508	Sunday ShHr509	Holiday ShHr509
510	510	Fraction ACM Nonres Equipment						
Hourly Sch. for 12/31/1989	Monday ShHr510	Tuesday ShHr510	Wednesday ShHr510	Thursday ShHr510	Friday ShHr510	Saturday ShHr511	Sunday ShHr512	Holiday ShHr512
513	513	On/Off ACM Nonres Fans						
Hourly Sch. for 12/31/1989	Monday ShHr513	Tuesday ShHr513	Wednesday ShHr513	Thursday ShHr513	Friday ShHr513	Saturday ShHr514	Sunday ShHr515	Holiday ShHr515
516	516	Fraction ACM Nonres Infiltration						
Hourly Sch. for 12/31/1989	Monday ShHr516	Tuesday ShHr516	Wednesday ShHr516	Thursday ShHr516	Friday ShHr516	Saturday ShHr517	Sunday ShHr518	Holiday ShHr518

<u>519</u>	519	ACM Nonres People							
Hourly Sch. for: 12/31/1989	Monday ShHr519	Tuesday ShHr519	Wednesday ShHr519	Thursday ShHr519	Friday ShHr519	Saturday ShHr520	Sunday ShHr521	Holiday ShHr521	
<u>522</u>	522	ACM Nonres Hot Water							
Hourly Sch. for: 12/31/1989	Monday ShHr522	Tuesday ShHr522	Wednesday ShHr522	Thursday ShHr522	Friday ShHr522	Saturday ShHr523	Sunday ShHr524	Holiday ShHr524	
<u>1,001</u>	1,001	Absolute Absolute null schedule							
Hourly Sch. for: 12/31/1989	Monday ShHr10001	Tuesday ShHr10001	Wednesday ShHr10001	Thursday ShHr10001	Friday ShHr10001	Saturday ShHr10001	Sunday ShHr10001	Holiday ShHr10001	
<u>1,002</u>	1,002	Absolute Absolute null schedule							
Hourly Sch. for: 12/31/1989	Monday ShHr10002	Tuesday ShHr10002	Wednesday ShHr10002	Thursday ShHr10002	Friday ShHr10002	Saturday ShHr10002	Sunday ShHr10002	Holiday ShHr10002	
<u>1,003</u>	1,003	Absolute Absolute null schedule							
Hourly Sch. for: 12/31/1989	Monday ShHr10003	Tuesday ShHr10003	Wednesday ShHr10003	Thursday ShHr10003	Friday ShHr10003	Saturday ShHr10003	Sunday ShHr10003	Holiday ShHr10003	

Hourly Schedules

Id	Acronym	Type	Values	Hours 1 thru 8							
				Hours 9 - 16							
				Hours 17 - 24							
1	ShHr1	On/Off	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
On-Off Null Schedule			OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
2	ShHr2	Fraction	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
Fraction Null Schedule			0	0	0	0	0	0	0	0	
3	ShHr3	Absolute	0	0	0	0	0	0	0	0	
Absolute Null Schedule			0	0	0	0	0	0	0	0	
179	ShHr179	Absolute	0	0	0	0	0	0	0	0	
Set point 78 F All Day			78	78	78	78	78	78	78	78	
180	ShHr180	Absolute	78	78	78	78	78	78	78	78	
Set Point 70 F All Day			70	70	70	70	70	70	70	70	
201	ShHr201	Absolute	70	70	70	70	70	70	70	70	
Set point 99			99	99	99	99	99	99	99	99	
202	ShHr202	Absolute	99	99	99	99	99	99	99	99	
Set Point 55			45	45	45	45	45	45	45	45	
410	ShHr410	On/Off	45	45	45	45	45	45	45	45	
Always On schedule			ON	ON	ON	ON	ON	ON	ON	ON	
411	ShHr411	On/Off	ON	ON	ON	ON	ON	ON	ON	ON	
Always Off Schedule			OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
412	ShHr412	Absolute	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
Florida Avg Week Day Summer E			0.03804	0.03804	0.03804	0.03804	0.03804	0.03804	0.03804	0.03804	
			0.03804	0.03804	0.03804	0.03804	0.03804	0.03804	0.03804	0.03804	
			0.0686	0.0686	0.0686	0.0686	0.0686	0.0686	0.0686	0.0686	
			0.0686	0.0686	0.0686	0.0686	0.0686	0.0686	0.0686	0.0686	

