



# 3B. Educating Employees, Students, and Stakeholders

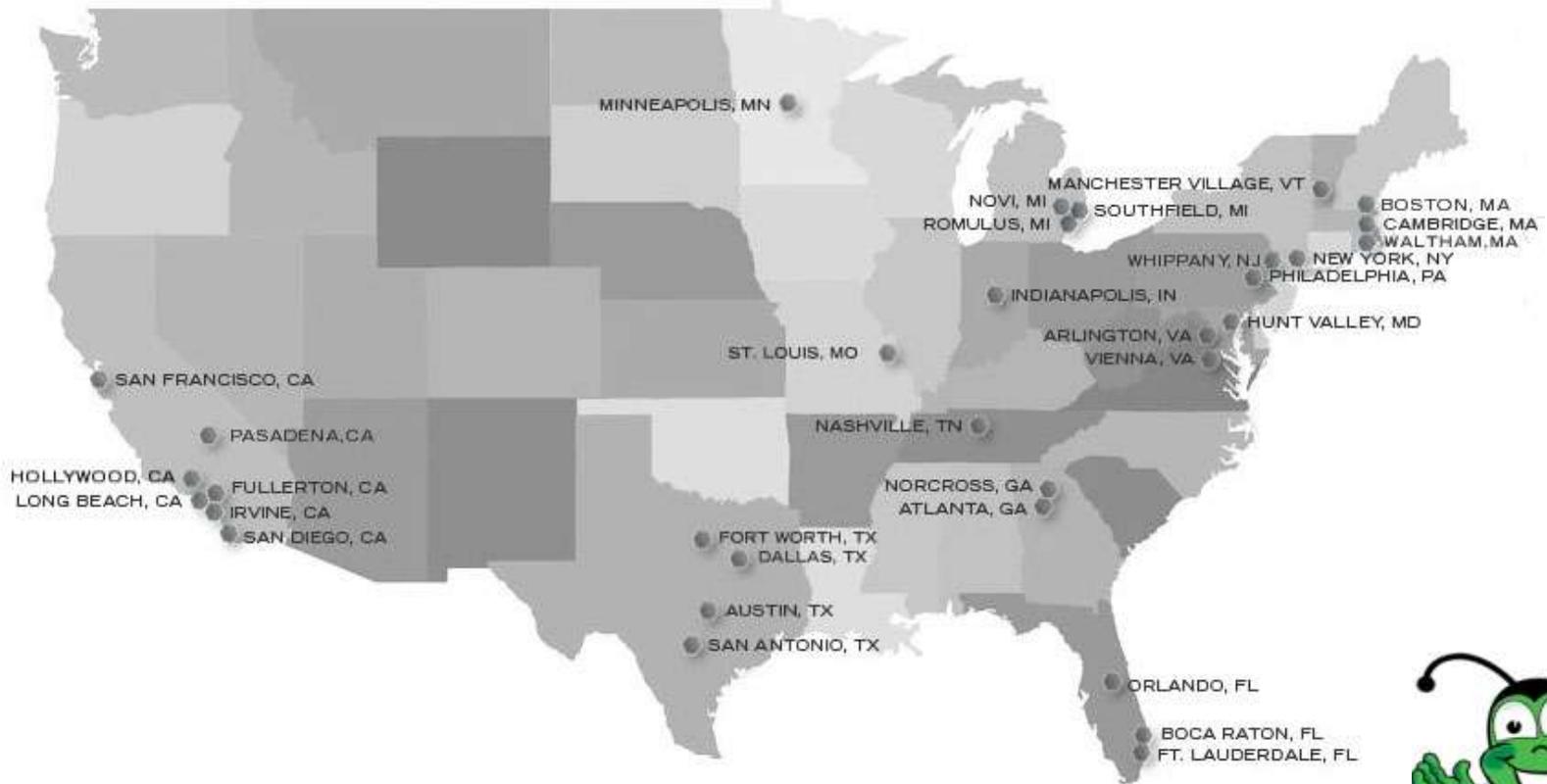


## Bob Holesko

Vice President of Facilities

HEI Hotels & Resorts LLC

# HEI Hotels & Resorts



# Employee Training – ESPs



ESP #	Selected Value	Description/Normal Range
ESP - 1	35° - 70°	CITY WATER INLET TEMPERATURE: 40° - 70° <i>Temperature varies based on season</i>
ESP - 2	120°	DOMESTIC HOT WATER SUPPLY GUESTROOMS: 120° - 140°
ESP - 3	118°	DOMESTIC HOT WATER RETURN GUESTROOM: 112° - 116°
ESP - 4	135°	DOMESTIC HOT WATER SUPPLY KITCHEN: 120° - 150°
ESP - 5	135°	DOMESTIC HOT WATER SUPPLY LAUNDRY: 120° - 150°
ESP - 6	42° - 52°	CHILLED WATER SUPPLY: 42° - 52° <i>NO CHILLED WATER SUPPLY</i>
ESP - 7	50° - 65°	CHILLED WATER RETURN: 50° - 65° <i>NO CHILLED WATER SUPPLY</i>
ESP - 8	N/A	CONDENSER WATER SUPPLY: NO CONDENSER WATER SUPPLY
ESP - 9	N/A	CONDENSER WATER RETURN: NO CONDENSER WATER RETURN.
ESP - 10	100° - 180°	HEATING LOOP SUPPLY: 100° - 180° <i>NO HEATING LOOP SUPPLY</i>
ESP - 11	110° - 160°	HEATING LOOP RETURN: 110° - 160° <i>NO HEATING LOOP RETURN.</i>
ESP - 12	180°	MAIN DISHWASHER FINAL RINSE: 180°
ESP - 13	160°	MAIN DISHWASHER WASH: 160°
ESP - 14	120° - 140°	MAIN DISHWASHER PRE-WASH: 120° - 140°
ESP - 15	38°	WALK-IN/REACH-IN COOLERS: 36° - 38°
ESP - 16	0° - 10°	WALK-IN/REACH-IN FREEZERS: 0° - 10°
ESP - 17	72°	GUESTROOM OCCUPIED 68° - 72°
ESP - 18	OFF	GUESTROOM UNOCCUPIED HEATING SEASON: 50° - 65° <i>OFF</i>
ESP - 19	OFF	GUESTROOM UNOCCUPIED COOLING SEASON: 73° - 80° <i>OFF</i>
ESP - 20	72°	BALLROOMS & MEETING ROOMS OCCUPIED: 68° - 72°
ESP - 21	OFF	BALLROOMS & MEETING ROOMS UNOCCUPIED HEATING SEASON: 50° - 65° <i>OFF</i>
ESP - 22	OFF	BALLROOMS & MEETING ROOMS UNOCCUPIED COOLING SEASON: 73° - 80°
ESP - 23	72°	<b>RESTAURANT &amp; BAR OCCUPIED: 68° - 72°</b>
ESP - 24	68°	RESTAURANT & BAR UNOCCUPIED HEATING SEASON: 66° - 68°
ESP - 25	74°	RESTAURANT & BAR UNOCCUPIED COOLING SEASON: 74° - 78°
ESP - 26	76	OFFICES NORMAL WORKING HOURS: 68° - 72°
ESP - 27	OFF	OFFICES NON-WORKING HOURS HEATING SEASON: 64°
ESP - 28	OFF	OFFICES NON-WORKING HOURS COOLING SEASON: 74°
ESP - 29		
ESP - 30		
ESP - 31		
ESP - 32		
<p><b>NOTE:</b> Relative Humidity has a tremendous impact on indoor air comfort, 45% to 50% is ideal, every hotel must monitor RH% to ensure proper levels are maintained.</p>		
<p><b>COMMENTS ABOUT REASONS FOR SPECIFIC ESPs:</b> FOR THE GUEST ROOMS UNOCCUPIED ROOMS WE LEAVE THE T-STAT OFF FOR THE REASON THAT THE PTAC UNIT IS EQUIPPED WITH A SENSOR THAT ALLOWS THE UNIT TO COME ON IF IT GETS TOO HOT OR TOO COLD IN THE ROOM.</p>		



# Employee Involvement





### Your Hotel Name BUZZ Committee

I. Meeting Date:

II. Next Meeting Date:

III. Completed By:

IV. Date:

#### January: Heating Peak



Energy Committee:

Members	Attended?	Members	Attended?
	<input type="checkbox"/>		<input type="checkbox"/>
	<input type="checkbox"/>		<input type="checkbox"/>
	<input type="checkbox"/>		<input type="checkbox"/>
	<input type="checkbox"/>		<input type="checkbox"/>





Check the Energy Conservation page of the Hive for this quarter's Buzz activity. [http://thehive/hotel\\_ops/energy](http://thehive/hotel_ops/energy)  
**The current assignment is due when you turn in yo March**

#### Last Quarter

**1. Any outstanding items from last month's meeting minutes?**

2. Event	3. Time

**4. Results**

# Employee Incentives



# Daily Awareness



To Save Energy,  
We Keep Our Office at

70°



**HEI**  
HOTELS & RESORTS

ENERGY STAR  
AWARD 2010  
PARTNER OF THE YEAR

### Banquets Energy Set-Points

68° Occupied Meeting Room

80° Unoccupied Meeting Room™



By maintaining the correct temperature your equipment will run efficiently without sacrificing guest satisfaction

ENERGY STAR  
AWARD 2011  
PARTNER OF THE YEAR

### Kitchen Energy Set-Points

36° Coolers



2° Freezers

By maintaining the correct temperature your equipment will run efficiently without sacrificing guest satisfaction

ENERGY STAR  
AWARD 2011  
PARTNER OF THE YEAR

### Housekeeping Energy Set-Points

68° Occupied Guest Room

80° Unoccupied Guest Room



By maintaining the correct temperature your equipment will run efficiently without sacrificing guest satisfaction

ENERGY STAR  
AWARD 2011  
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# Proven Results



- **Crowne Plaza San Antonio -36%**
- **Westin Philadelphia -27%**
- **Embassy Suites Tyson's Corner -29%**
- **Le Meridien San Francisco -29%**
- **Marriott Boca Raton -28%**
- **Sheraton Austin -25%**
- **Embassy Suites Waltham -20%**
- **Marriott Fullerton -21%**
- **Westin Minneapolis -23%**



# Part of the Culture



# Reward Key Players



# Need A Bigger Wagon

