



# WELCOME TO TAJ BOSTON

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# Environmental Awareness & Renewal

- Taj Hotels, Resorts & Palaces utilizes EarthCheck, the World's leading sustainable Environmental Benchmarking and Certification Program to track environmental performance and opportunities at all of its properties.
- EarthCheck uses a science-based approach to help the travel and tourism industry increase efficiencies, maximize guest experience and minimize their environmental and social footprint.
  - Achieved through Benchmarking, Property Assessments, Auditing and Certification
  - Benchmarking includes a Policy written for the property or company, Energy consumption, Water consumption, Community involvement & impact, Recycling practices & Waste to landfill
  - Assessment includes 6 major components: Policy, Benchmarking, Compliance, Approach, Performance, Communication
  - Audits conducted annually with Re-certification conducted annually
- How Taj Boston continues to strive and meet goals that will positively impact Environment & Social responsibilities while overcoming challenges of an older building and financial constraints
  - Through partnerships
  - Through outside box thinking
  - Through planning and alignment with EarthCheck initiatives

# EarthCheck



## TAJ BOSTON ACHIEVES SILVER CERTIFICATION

### **Next Steps:**

- **Currently in the final stages of Water Re-use project, partnering with Veolia Energy**
- **Projected Savings:**
  - **Condensate preheat for domestic hot water & heating system – reduce steam consumption by over 1700 Mlbs/yr**
  - **Reduce/eliminate city water to temper condensate – saving over 2 million gallons of City water**
  - **Reduce sewer costs by avoiding discharge**
  - **Reduce Carbon footprint by 150 ton per year**
  - **Reduce Water footprint by 2 million galls per year**
- **Financial Gains:**
  - **approx 60K annual (Steam/Water/Sewer)**



# Heat, Light & Power

## 1<sup>st</sup> Quarter 2013/2014

- Electricity consumption: **Decrease** from LY by 96,870 kWh
- Gas consumption: Increase of 263 therms
- Steam: **Decrease** from LY by 97 Mlbs
- Water: **Decrease** from LY by 138,498 cuft

# Projects – Partnerships - Incentives

## **2013/2014 On the Horizon:**

- Working with Nstar & Baker Engineering – mechanical Energy study...involving 18-1 and potential savings thru better control of the unit
- Working with Nstar on LED lighting for BOH areas...front of house areas already completed
- Working with Nstar on replacement of domestic water pumps
- Working with Nstar on switching to ECM motors on all walk in units
- EcoVim – Organic Recycling unit
  - Unit is constructed of stainless steel and the decomposition chamber uses heat & mechanical agitation.
  - Minimal energy consumption
  - Reduces the volume/weight by approximately 90%
  - Reduces waste to landfill