



Hartsfield-Jackson's Sustainability Initiative

City of Atlanta's Stance on Sustainability

- Leadership is key
- HJAIA's support of sustainable practices comes from the Mayors office down
- Mayor's goals include 20% energy & water reduction by 2020
- HJAIA General Manager has continued sustainability push



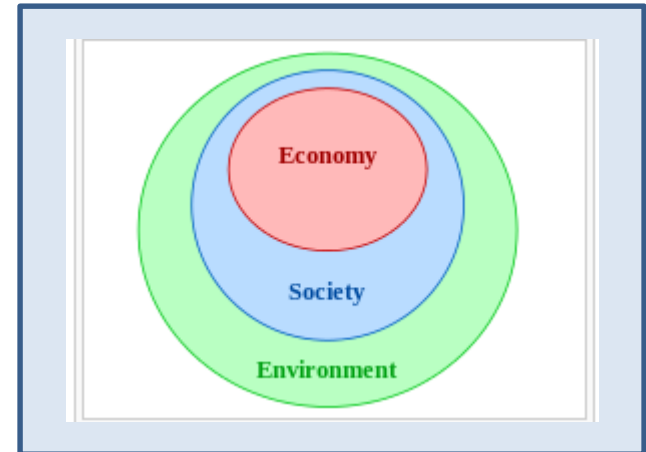
Mayor, Kasim Reed



ATL General Manager
Miguel Southwell

Overview

- Sustainability as defined by Wikipedia is the process of meeting the needs of the present without compromising the ability of future generations to meet their own needs. The 2005 World Summit on Social Development extended that definition to include reflections on the “triple bottom line” which recognizes the interrelated responsibilities of sustainability to our economy, society and the environment, none are mutually exclusive.
- Sustainability at Hartsfield means applying these principles sensibly to the 8.5 Million square feet of buildings we manage daily.



- Economic- Deliver savings wherever possible
- Society- Act as a good corporate citizen that takes responsibility for the impacts of their business to the greater part of society
- Environmental- Protect the environment by not only meeting the law but extending beyond it

Sustainable strategy

- Apply sustainable practices that:
 - Save money
 - Reduce consumption of resources
 - Energy
 - Water
 - Natural Gas
 - Reduce emissions
 - Protect the environment
 - Preserve quality of life for future generation
- When in doubt error on the side of conservation

Scale of opportunity is substantial given...

- Buildings- 8,500,000 sq. ft. valued at over \$4.6 Billion
- Land- Over 4,700 Acres
- 2,500 flights per day
- 9 miles of runways
- 37 miles of sewer pipes
- 30,000 parking spaces
- 96 Million passengers/year
- 63,000 employees
- 650,000 tons of cargo
- \$32.5 Million impact on City of Atlanta



"Preserve the passenger experience while conserving resources and being good stewards of the environment"

By John Means-Facilities Director HJAIA

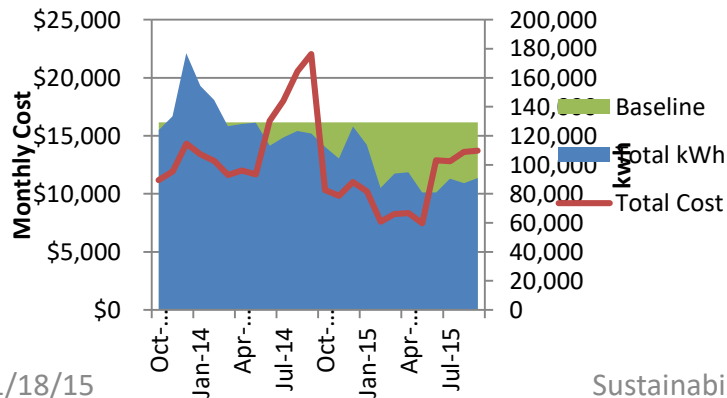
Sustainable successes

- LED Project:
- 2,500 Flights per day
- Many flights at night
- Visibility critical
- 2014 implemented LED Light replacement on all runways
- Results: Savings=\$15,753/mth or 45.6%
 - 177,670 kwh/mth vs. 389,400 kwh/mth
 - less maint

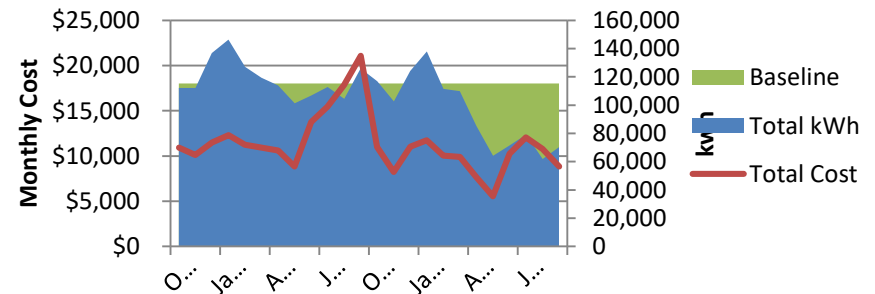


“Speaking of projects you can’t screw up!”

North Airfield Savings



South Airfield Savings



Sustainable successes

- Water Fixture Swap-out Project:
- 6.5 Million sq. ft. of concourses
- 76% of city's consumption comes from ATL

Results: Savings=16% on water usage translating to millions of gallons per year



250,000 passengers per day looking for an open restroom that had better work!

We believe the water we save can be put to a better use!

Sustainable successes

- Grease-Lock Project:
- ATL accommodates 250,000 hungry passengers and 63,000 hungry employees per day
- That means a lot of cooking
- ATL provides 145 restaurants to service the needs
- This results in 45,000 lbs. of grease per yr.
- Much of restaurant grease becomes airborne

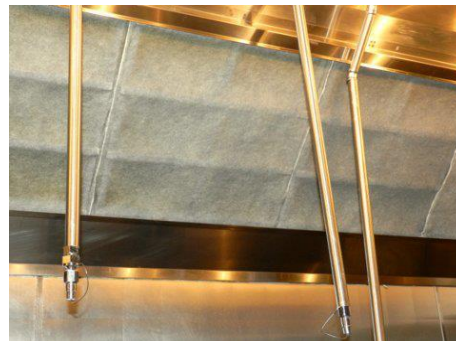
Grease Lock Project installed high tech elemental grease filter lowering grease residue and saving over 1 Million gallons of water per year, payback happens in months not years



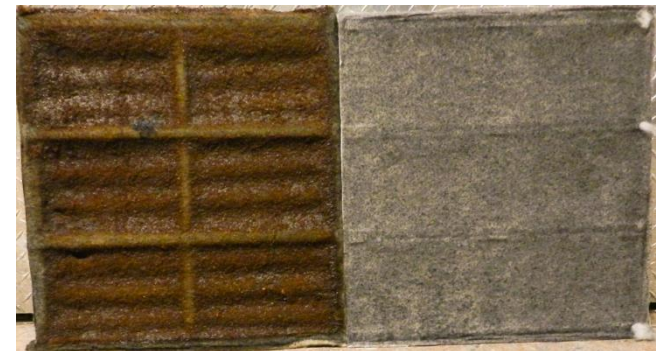
Typical exhaust duct emptying airborne grease



Dysfunctional filters result in grease on roof



Effective filters keep roof clean



Grease lock filter captures grease before it enters exhaust

Review sustainable objectives

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Thank you for attending!

Questions?

