+44 20 8123 2220
info@marketpublishers.com

Green Airports: How Airports are Realizing Energy Savings

https://marketpublishers.com/r/G62E2A3F194EN.html
Date: August 2012
Pages: 93
Price: US$ 229.00 (Single User License)
ID: G62E2A3F194EN

Abstracts

Airports often struggle to comply with environmental regulations arising out of operations. Airports must grapple with reducing tons of toxic emissions caused by landings, takeoffs, and use of diesel shuttles. And soaring energy-related facility costs can decimate bottomlines.

Some airports have been slow to adopt measures that go beyond minimum requirements. But there are as many airports leading the way in converting their operations and facilities into Green Airports.

This report examines the green airport industry including federal initiatives, private programs, and alternative fuel vehicle programs in use at airport facilities.

It includes case studies of 47+ airport energy efficiency programs with full contact information including address, phone, and email.

It also features contact information and profiles of major developers and contractors that specialize in planning and installing green energy initiatives at airport.

The The Air Transport Association of America acknowledged the need to address emission of greenhouse gas from airline operations. It joined with the International Air Transport Association in adopting ambitious targets to mitigate GHG emissions from the airline industry including:

> Continue industry fuel (and, hence, CO2) efficiency improvements, resulting in an average annual CO2 efficiency improvement of 1.5 percent per year on a revenue ton mile basis through 2020;

Cap industry-wide CO2 emissions from 2020 (carbon-neutral growth) subject to critical aviation infrastructure and technology advances achieved by the industry and government; and

Contribute to an industry-wide goal of reducing CO2 emissions by 50 percent by 2050, relative to 2005 levels.

This report includes Airport Energy Case Studies including:

Austin Bergstrom International Airport

Baltimore-Washington International Airport

Baton Rouge Metropolitan Airport

Boston Logan International Airport

Buffalo Niagara International Airport

Chattanooga Airport

Chicago O'Hare International Airport

Chicago-Rockford Airport

Cincinnati-Northern Kentucky International Airport

Cleveland Hopkins International Airport

Dallas/Fort Worth International Airport

Denver International Airport

Detroit Metropolitan Airport

DFW International Airport

+44 20 8123 2220
info@marketpublishers.com

Eugene Airport-Mahlon Sweet Field

Fort Lauderdale-Hollywood International Airport

Hartsfield Atlanta International Airport

Houston Airport

Indianapolis International Airport

John F. Kennedy International Airport

Lambert-St. Louis International Airport

LED Lighting at Tulsa International Airport

Los Angeles International Airport

Louis Armstrong New Orleans International Airport

Phoenix Sky Harbor International Airport

Pittsburgh International Airport

Portland International Airport

Redmond Airport

Ronald Reagan Washington National Airport

Sacramento International Airport

Salt Lake City International Airport

San Diego International Airport

San Francisco International Airport

Seattle-Tacoma International Airport

+44 20 8123 2220
info@marketpublishers.com

T.F. Green Airport

The Long Beach Airport

Tucson International Airport

This report is a comprehensive guide to understanding regulations and initiatives in the green airport industry. It provides detailed case studies of airport green initiatives in place at dozens of airports.

+44 20 8123 2220
info@marketpublishers.com

Contents

ECO-FRIENDLY EFFORTS OF AIRPORTS

US GOVERNMENT'S GREEN AIRPORT INITIATIVE

ALTERNATE FUEL VEHICLES AT AIRPORTS

Introduction
Existing Opportunities for Using AFVs at Airports
Requirement of Cleaner Environment
Economic Advantages
Fuel Cost Savings from AFVs
Tax Incentives
Airport Incentives
Federal Grants and Tax Credits
Private Sector Incentives
Building an Infrastructure to Support AFV Development
Advantages of Using AFVs
Public Relation Benefits
How to Create Successful Airport AFV Programs

GOVERNMENT MANDATES FOR USE OF AFVS AT AIRPORTS

Clean Air Act
Energy Policy Act
Occupational Health and Safety

LOOKING AT THE FAA'S INHERENTLY LOW EMISSION AIRPORT VEHICLE PILOT PROGRAM (ILEAV)

Overview to the Program
Results of the ILEAV Program
Participating Airports
Reducing Airport Emissions through ILEAV
Vehicle Deployments through Participating Airports

AIRPORTS USING AFVS

+44 20 8123 2220
info@marketpublishers.com

Dallas/Fort Worth International Airport
Sacramento International Airport
Denver International Airport
San Francisco International Airport
Baton Rouge Metropolitan Airport
Baltimore-Washington International Airport
Boston Logan International Airport
Los Angeles International Airport
Phoenix Sky Harbor International Airport

LOOKING AT ENERGY EFFICIENT AIRPORTS

Energy Efficiency Initiatives at the Austin-Bergstrom International Airport
Energy Efficiency Initiatives Seattle-Tacoma International Airport

GREEN AIRPORTS CASE STUDIES

DFW International Airport
Boston Logan International Airport
Pittsburgh International Airport
Salt Lake City International Airport
Cincinnati-Northern Kentucky International Airport
Cleveland Hopkins International Airport
Seattle-Tacoma International Airport
Portland International Airport
Ronald Reagan Washington National Airport
Hartsfield Atlanta International Airport

GLOSSARY

+44 20 8123 2220
info@marketpublishers.com

Figures

FIGURES

Figure : Airport Environmental Footprint
Figure : Layout of Installed Fast-Charging Systems to Support Delta Air Lines Operations in the DFW ILEAV Project
Figure : ETEC Recharging Stations for SkyWest Electric GSE Vehicles
Figure : DFW NOx Emission Source Categories

+44 20 8123 2220
info@marketpublishers.com

Tables

TABLES

Table : EPAct AFV Purchase Requirements (% of new vehicles that must be AFV)
Table : ILEAV Grants and Total Expenditures by Airport
Table : Participants in ILEAV Projects
Table : Projected Lifetime Emission Reductions by Pollutant (tons)
Table : Deployed Project Vehicles by Fuel Type

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Green Airports: How Airports are Realizing Energy Savings
Product link: https://marketpublishers.com/r/G62E2A3F194EN.html
Price: US$ 229.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G62E2A3F194EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970