Our Sustainability Mission

To sustain the heartbeat of the Mid-South by cherishing its resources and ensuring that Music City keeps flying high.

Why Is Sustainability Important To MNAA?

As a core element of MNAA’s mission to provide the Nashville Airports Experience, sustainability planning requires a broad, strategic approach to managing the airport with a goal toward:

- Economic viability
- Operational efficiency
- Conservation of natural resources
- Social responsibility

Background

In 2010, Nashville International Airport (BNA) was selected by the FAA as one of 10 airports across the U.S. to participate in the Sustainable Master Plan Pilot Program. Planning to operate in a sustainable manner requires a long-term, integrated and comprehensive process which considers the airport’s impact on the natural world, the surrounding community and the regional economy.

In October 2012, MNAA leaders completed BNA’s first Sustainability Plan and will use this working document to expand MNAA’s sustainability efforts and deepen a culture of environmental stewardship over the long term.

How Can Airports Be Sustainable?

According to guidelines issued by the Federal Aviation Administration (FAA), sustainable actions in airport management include:

1. Reducing environmental impact.
2. Helping to maintain high, stable levels of economic growth.
3. Developing broad actions which achieve organizational goals in a way that’s consistent with the needs and values of the local community.
What is MNAA Doing?

Plug In & Fly
Awarded a $181,250 Clean Tennessee Energy grant from the Tennessee Department of Environment and Conservation. The grant will be utilized for construction of a solar array canopy parking structure that will service at least three new electric vehicle charging stations. Excess power will supply nearby parking lot lighting which will be retrofitted with LED technology. Rainfall runoff from the canopy array will be captured and stored for the purpose of irrigating adjacent landscaping.

Reuse & Recycle
One of the largest recyclers in Nashville/Davidson County

Completed two phases of lighting improvements. Replacement of more than 12,500 fixtures and recycling of more than 14,000 bulbs and 16,000 ballasts. Energy consumption reduced by almost 6 million kWh – a savings of more than $600,000 annually.

Building Back
88% of debris from recent demolition project repurposed or recycled

Clear Water
MNAA is currently evaluating the potential of reusing stormwater runoff currently collected in a 43-acre, 150-foot deep on average, detention basin. In concept, the cool, constant temperature basin water would be routed through a closed loop system to supplement our chilled water plant year round.

Nature’s Tap
First phase of Improve Stormwater Collection and Treatment System project. The program will first divert clean stormwater away from the treatment system to Sims Branch, a nearby stream. New aeration, the addition of a clarifier and state-of-the-art monitoring and controls will improve the effectiveness and efficiency of our treatment systems.

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