



SAN BERNARDINO INTERNATIONAL
AIRPORT AUTHORITY

INTRODUCTION TO SAN BERNARDINO
INTERNATIONAL AIRPORTS GREEN
ENERGY ELEMENT

APRIL 27, 2021

"By air we move people's dreams, ambitions, and peace of mind."



We prepared a hybrid plan between a Climate Action Plan (CAP) and a Business Plan approach creating our own unique “Green Energy Element” (GEE) to meet our goals and objectives to lowering our carbon footprint while being economically sensible.

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Green Energy Element

Plan Written and Presented by



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San Bernardino International Airport, Green Energy Element



Our Green Model

The GEE is intended to address the main sources of the emissions that cause climate change, which include emissions from the energy consumed in buildings and for transportation, as well as the solid waste sent to landfills. The purpose of the GEE is to guide the development, enhancement, and ultimately the implementation of actions that will reduce the Airport’s GHG emissions by (20) percent below existing levels by 2030. The GEE has been designed to support the following functions:

- Identify & Describe SBIA’s emissions sources.
- Provide projections of future emissions based on growth.
- Provide clear guidance to airport staff regarding when and how to implement key provisions of the plan.
- Recommend strategies, measures, and actions to achieve GHG reductions.
- Demonstrate SBIA’s commitment to comply with State GHG reduction efforts; and
- Define a strategy for turning this plan into action and transparently tracking and reporting progress toward the GHG reduction goals.
- Convert all airport vehicles to Zero-Emissions including maintenance, passenger, fuel, and support vehicles. Review all on site generators for alternate fuels.
- Review all real-estate at the airport that will accommodate solar installation (and battery & Hydrogen storage where possible).
- Review landscaping plans to offset carbon output by installing plants, shrubs, and trees.

Updating the GHG Inventory and the GEE

The Airport will update the GHG inventory periodically. If an updated inventory reveals that SBIA is not making adequate progress toward meeting the GHG target, or that new technologies and programs emerge that warrant inclusion in the GEE, the Airport will adjust the GEE by modifying, adding, and/or replacing policies in the Business Plan or elsewhere, or incorporating optional measure(s) to further reduce emissions.

Financial Model

As we strive to do our part in being good stewards of our plant, we must do this in a reasonable and responsible manner. SBIA will seek out grant opportunities through and from Southern California Air Quality Management District (AQMD) as well as other State and federal agencies including SCE to help offset the cost of building such solutions that meet an aggressive goal.

Long term savings as well as the goal of reducing airport operation costs further our enthusiasm for “greening” our operations.



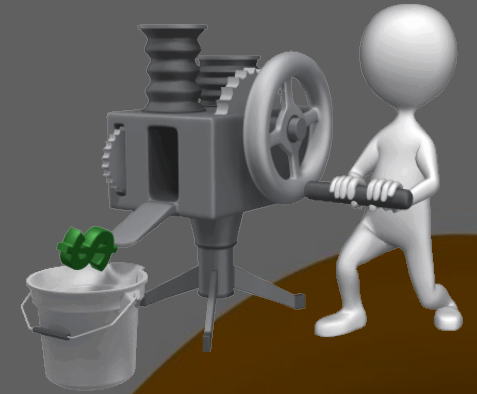
Our goal is to convert the entire airport including all ground transpiration vehicles, support equipment, and amenities to Zero-Emissions as well as increase our carbon capture efforts with creative landscaping, water capture, and re-use wherever feasible.

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SBIA will primarily place its efforts on raising funds to implement our Green Energy Element through the grant process at both the Federal and State levels. Working with SCAQMD, CRC AB2766, CARB for CAP & Trade funds, and the Clean Transportation Funding .org as well as working closely with Southern California Edison for additional services and funding opportunities such as the “Charge Ready” program that may fund all the infrastructure for EV charging.



Our goal is to eventually make the “GEE” program(s) self-funded once certain infrastructures are put into place creating positive cash flows for other green initiatives and ongoing maintenance.

Currently SBIA is moving through the RFQ process for selected projects in order to establish an updated base line as well as launch our initiatives. It’s anticipated that this ongoing Element will require tens of millions of dollars to implement. With seed funding from various governmental agencies our Green Energy Element will help insure the launch of this Element into a self-funded plan.



We have identified several partners to help SBIAA move our “Green Energy Element” forward.

We would like any and all consideration in helping us find appropriate funding and programs through various governmental and private agencies to move us forward.

Questions



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