

Triumph Gulf Coast, Inc. Pre-Application Form

Applicant Information

Name of Individual/Entity/Org: Transport America Project, Inc.
Proposal Title: Bay County – Micro grid, EV Charging Station with Battery Storage & Convenience Store
Amount of Funds requested: \$1,000,000.00
Total Cost of Project \$5,000,000.00
TGC Funding 20%
Brief Description of Organization: Non Profit created to receive Federal, State, Grants and Awards to improve the Education, Health and Economic Development of communities via transport and energy solutions.

Contact Information

Primary Contact: David Rosewell
Title: Executive Director
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Other parties: Bay County Planning & Zoning

Executive Summary

Proposed project

A Solar PV Micro grid combined with EV Charging Station and Solid State Battery Storage & Convenience Store connected to Rural Broadband Internet

- EV Charging Station. 4 x 350kWh DC Fast Chargers
- Café, High Speed Broadband
- Mobile Hot Desk Working environment
- 24/7 Restrooms, vending machines for after hours access
- 5+ Mw Solar PV array dependent on site suitability
- Solid State Battery Storage
- built to current sustainability best practice, Leading energy efficiency design
- Natural disaster resilient, loss of electricity, shelter
- Environment friendly landscaped surrounds, native flora

Anticipated outcomes including;

- Among the first 10 projects of its type, planned for all 50 States through 2023/2024
- Employment during construction, 20; operation, 10
- Exceeds all Florida DOT minimums and NEVI minimums for EV Charging Stations.

- Maximizes the leverage of TGC Funds with 20%/80% funding and future additional funds for enlarging solar micro grid to further benefit the county.
- National coverage and show case from several Federal Government Departments
- Additional Future benefits for Police Departments, Fire Department etc in the county.
- Leverages off USDA RD Rural Broadband initiative

Amount of funds being sought from Triumph Gulf Coast

Triumph Gulf Coast	\$1,000,000.00
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Amount and identity of other sources of funds for the proposed project or program

USDA Rural Development	\$2,000,000.00
US Department of Energy /EDA	\$1,000,000.00
State of Florida – NEVI	<u>\$1,000,000.00</u>
Sub Total	<u>\$4,000,000.00</u>

NB. This project automatically qualifies for Federal Grants under several departments.

Location of the project

Within the boundaries of Bay County. This will be determined with further conversations and site selection with the County Planning & Zoning Departments and Economic Development Corporation.

Summary description of the proposed program, including how the program will be transformational and promote economic recovery, diversification, and enhancement of the disproportionately affected counties.

The program of Micro grid Solar PV are and EV Charging will greatly benefit the Florida pan handle over the next several decades. Through lowering vehicle emissions of Carbon Dioxide and NOX. This will improve the living conditions and enhance life expectancy as carbon emissions are reduced.

The benefits of renewable energy via micro grids Solar PV arrays enhances grid resilience during Natural weather events and lowers the cost of electricity to communities.

Economic recovery is enhanced across the panhandle due to increased employment, cross training and improved workforce skill diversity. Increasing land values through mixed development also assist communities. Potential savings for local community through sale of surplus electricity

The current 20%v80% maximum Federal funding opportunities allow for future expansion in solar arrays and battery storage

This project will enhance the selected affected county in many aspects of economic development and encourage resident transition to a lower carbon emission Region.

This project can be part of existing NEVI plans for Florida DOT

Enhanced Tourism through first County wide program, ahead of the other regions within Florida and South East USA.

Summary timeline for the proposed project or program.

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|---------|--|
| 2023 Q2 | Grants awarded and received, Site selection finalized |
| 2023 Q3 | Purchase site, Submit building plans to city/county
Receive building approvals, Commence construction |
| 2023 Q4 | Construction & Opening |

Please select the proposal's Eligibility category/s

Pursuant to Section 288.8017, Triumph Gulf Coast, Inc. was created to make awards from available funds to projects or programs that meet the priorities for economic recovery, diversification, and enhancement of the disproportionately affected counties. The disproportionately affected counties are: Bay County, Escambia County, Franklin County, Gulf County, Okaloosa County, Santa Rosa County, Walton County, or Wakulla County. See, Section 288.08012.

From the choices below, please check the box that describes the purpose of the proposed project or program (check all that apply):

- Public infrastructure projects for construction, expansion, or maintenance which are shown to enhance economic recovery, diversification, and enhancement of the disproportionately affected counties;
- Grants to promote workforce and infrastructure, on behalf of all of the disproportionately affected counties.

Please Select the Priorities this Proposal's Outcomes will Achieve

Please check the box if the proposed project or program will meet any of the following priorities (check all that apply);

- Increase household income in the disproportionately affected counties above national average household income.

- Leverage or further enhance key regional assets, including educational institutions, research facilities, and military bases.
- Partner with local governments to provide funds, infrastructure, land, or other assistance for the project.
- Benefit the environment, in addition to the economy.
- Partner with K-20 educational institutions or school districts located within the disproportionately affected counties as of January 1, 2017.
- Partner with convention and visitor bureaus, tourist development councils, or Chambers of commerce located within the disproportionately affected counties.