

Since 2010, **Brightfield® Transportation Solutions** delivers B2B Solar Driven® charging solutions for the rapidly expanding electric vehicle marketplace.

As a technology integration company, we design and manufacture our patented Solar Driven Brightfield Charging Stations. On this highly-scalable platform, we integrate best-in-class EV charging, solar production, energy storage and management, customer engagement, and data aggregation capabilities.



Brightfield is a team of technology and sustainability entrepreneurs with a deep understanding and passion for the electrification of transportation and its broad impacts. With over 100 years of combined experience, our leadership team's technological and consultative expertise ensures that EV strategy and infrastructure investments are market-appropriate, economically viable and future-proof.

Brightfield provides customized EV infrastructure solutions to our forward-acting clients in the retail, destination, municipality, university, workplace and utility markets. Our innovative solutions are designed to enhance brands, increase customer and employee loyalty, manage energy resources, and promote future-oriented sustainability solutions; all while keeping our clients' business goals and realities at the forefront.

#### **Current North Carolina EV Benefits**

- Approx. # of EVs in NC = **7,000 vehicles**
- Approx. EV miles driven annually = **84,000,000 miles**
- EV-related fuel savings = **\$5,733,000**
- EV-related maintenance savings = **\$2,520,000**
- Barrels of Oil Avoided by NC EVs = **154,700 barrels**
- EV-related \$\$ Retained in the Community = **\$5,327,000**

#### **If NC's EVs were Solar Driven®**

- New solar needed to meet current EV demand = **13 MW**
- % Increase to NC's installed solar capacity = **0.4%**
- NC solar jobs created = **29**
- GHG emission reduction = **58,800,000 lbs.**
- % of EV transportation fuel generated in NC = **100%**

