

May 2014

Solar DMS-MASSDOT, Solar Monitoring.



Massachusetts DOT Solar Dynamic Messaging

Along a 75 mile stretch ending at Provincetown on Cape Cod, MassDOT has installed 27 signs in nine locations, each solar powered. Included are 3 - 3 line, full matrix signs as pictured above.

These NTCIP signs, capable of displaying task driven notices to travel times, were specifically designed for New England winters and notably, as rural applications providing electrical autonomy while communicating wirelessly to the regional traffic management center. As a solutions approach to project development-

- **Some signs on route employ patented tilting mechanisms for line of sight variances**
- **Signs are positioned to serve mobility needs not by electricity access.**
- **Bring solar into main stream use on critical rural highways**
- **Minimal operational costs with no monthly electrical bills.**
- **Accelerated manufacture-to-installation times.**

Should you desire to learn more on the concept to reality of this project comfortably [contact us](#) or go to the [SESA solar page](#) for technical details and documents for general information.

— LATEST SESA TECHNOLOGY—



Solar Monitoring System

Sets new standards and capabilities for DMS applications

Solar DMS has a new break through technology with a solar monitoring system providing real time information direct to traffic management centers. This integrated system will:

- **Supply the reading of regulated voltage out of the solar panels**
- **Provide real time outputs of the battery bank temperature, voltage, and current.**
- **Calculate the state of the charge of the battery bank.**
- **Alert traffic management center via DMS Controller utilizing NTCIP protocol**

The command and control benefits to traffic personnel completely eliminates the long held concern of unknown rural application failures. Any logical solar location is now worth consideration. Locational focus on mobility patterns and not by utility access. Electrical costs disappear, return on investment goes up. Game changing.

To configure an DMS solution for solar application please feel free to [contact us](#) for preliminary consulting advice on a conceptual solution.



Better Solutions in Messaging Technology

Featured solutions ahead...

Wrong way signage systems...

Over height warning solutions....

Directional sign systems with mobile app capability...

As a solutions driven company, our interests in new applications and design never stop. The opportunity to reach out to us, be it a short term project or long term strategic application, is always open. We call back within 24 hours. Just as important, we pledge to tell you we don't have an answer as much as when we do!

For further insight reach out to Mike in the West or Brandon in the East as items of concern regarding dynamic messaging solutions.

SES America

410 Harris Road, Smithfield, Rhode Island, 02917

Ph:401.232.3370 Email: sales@sesamerica.com

www.sesamerica.com