

## **AMERICAN SOLAR RAIL (ASR) – MEETS COMMUNITY SOLAR**

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ASR IS READY TO PROPEL PASSENGER TRAINS AT 125 MPH+ SPEEDS ON SOLAR ENERGY. SOLAR ENERGY MORE POSITIVELY IMPACTS THE FINANCIAL PERFORMANCE OF PASSENGER RAIL THAN ANY OTHER EFFICIENCY MEASURE WE COULD FIND. THE DUTCH PUT THEIR ENTIRE NATIONAL RAIL SYSTEM ON WIND ENERGY! USING SOLAR, BATTERIES AND HIGHER SPEEDS, ASR WILL EXCEED THE DUTCH MODEL IN AMERICA!

**THE TRANSPORTATION TECHNOLOGY CENTER, INC., (TTCI.TECH) HAS COMPLETED AN 18-MONTH STUDY OF ASR'S PLAN TO BUILD A NEW RAIL CAR NAMED THE 'EMDI.' THE NAME IS AN ACRONYM FOR PASSENGER EMBARKATION / DISEMBARKATION'. TTCI OPERATED THE FEDERAL RAILROAD ADMINISTRATION'S (FRA) TESTING LABORATORY FOR 40 YEARS. TTCI IS OWNED BY THE ASSOCIATION OF AMERICAN RAILROADS (AAR). TTCI'S RAILROAD ENGINEERS AND SCIENTISTS ARE AMONG THE BEST ANYWHERE.**

TTCI FOUND **“NO SINGLE ITEM COULD BE IDENTIFIED THAT WOULD MAKE SUCH A RAIL SYSTEM UNFEASIBLE.”** ASR IS PROCEEDING TO THE EMDI PROTOTYPE. THE EMDI ENABLES THE HIGH-SPEED PERFORMANCE OF ASR'S 125+MPH SOLAR DRIVEN TRAIN INTO ONE THAT CAN NEARLY MATCH THE DELIVERY PERFORMANCE OF A 200-MPH TRAIN. ASR'S PLAN FOR ITS ENERGY (SOLAR), OPERATIONS (THE EMDI) AND ITS FINANCIAL EFFICIENCY (EMDI AND SOLAR) WILL DELIVER TO AMERICA WHAT 200 – 240 MPH TRAINS WILL NOT LIKELY BE ABLE TO DO.

BEING MINDFUL OF THE 'FIVE MEANINGFUL BENEFITS' IS AN ASR PLEDGE. WE WILL CREATE COMMUNITY SOLAR AT OUR MANY TRAIN DEPOTS AND IN A SOLAR TRANSMISSION GRID ALONG THE RAILROAD TRACKS TO ALLOW THE DEPOTS, ASR AND COMMUNITY SOLAR FARMS TO SHARE ENERGY. ASR'S COMBINES SOLAR INTO COMMUNITY AND TRANSPORTATION NEEDS IN A MORE EFFECTIVE AND AFFORDABLE WAY. WE WILL CREATE A 'NATIONAL TEMPLATE' FOR SOLAR-POWERED RAIL AND NET ZERO COMMUNITIES IN THE 21<sup>ST</sup> CENTURY AND BEYOND.

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