

Next Generation Equipment Committee

Multi State Diesel Electric Locomotive Procurement

The Siemens Charger



The NGEC will provide national leadership in standardization, acquisition, financing and management of passenger rail equipment.

February 2016

Multi State Locomotive Procurement

Project Overview

Fast Facts:

- Base contract 32 loco's + 37 option loco's awarded
- Progressing well, expect to achieve contract schedule
- FDR is complete and all major FAI's achieved
- Compression test successfully completed
- 11 loco's in production, first 2 in final assembly
- 4 Cummins QSK 95 diesel engines delivered
- Tier IV EPA certification submitted for approval
- 60 RFC's submitted with 30 DCR's acknowledged

Project Schedule:

- | | |
|-----------------------------|-----------|
| ▪ TTCI Testing (2 loco's) | June 2016 |
| ▪ First acceptance IDOT | Dec 2016 |
| ▪ First acceptance Caltrans | Feb 2017 |
| ▪ First acceptance WSDOT | Mar 2017 |
| ▪ First acceptance MARC | Feb 2018 |



The Multi State Charger Locomotive

Country Wide Standardization



IDOT (*Illinois, Michigan and Missouri*)
33 Loco's



CALTRANS
20 Loco's



WSDOT
8 Loco's

- One product
- 6 Customers
- 69 locomotives
- PRIIA 305 compliant
- Locally manufactured



MARC
8 Loco's



The NGEC will provide national leadership in standardization, acquisition, financing and management of passenger rail equipment.

The Charger Locomotive Family

7 Customers, 90 locomotives on order (194 Options available)



IDOT - Illinois, Michigan & Missouri (33)



Caltrans – California (20)



WSDOT – Washington (8)



MARC – Maryland (8)



**All Aboard Florida (21)
*Separate Procurement***

Charger Locomotive Production

Carbody Structure



Underframe



Carshell Assembly



Cab Front



Completed Carshell



Carshell Compression Test



Carshell Final Paint

Charger Locomotive Production

High Speed Trucks



Charger Locomotive Production

Diesel Engine installation



Charger Locomotive Production

Final Assembly





Thank You