Next Generation Equipment Committee

Multi State Diesel Electric Locomotive Procurement

The Siemens Charger

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

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

IDOT (Illinois, Michigan and Missouri)
33 Loco’s

CALTRANS
20 Loco’s

WSDOT
8 Loco’s

MARC
8 Loco’s
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