TMC S.11 TCO BEV CALCULATOR BEST PRACTICES ROADMAP OUTLINE

1. Infrastructure Planning (Jon Miller, Volvo)
2. Infrastructure and Charging Development (Jon Miller, Volvo)
3. Infrastructure Maintenance
4. Fire Safety/Mitigation
5. Operational Planning
6. Duty Cycles
7. Vehicle Weight
8. Management for EV Deployment
9. Hybrid Equipment Support
10. OEM Decision and Compatibility to Infrastructure and Operational Demands/Requirements
11. Purchase/Lease/Financing Options/Lender Risk Tolerance
12. Grants/Subsidies/Privately-Held Carrier Sensitive Information Release
13. Operations
14. Energy
15. Understanding battery capacity
16. Average range per charge i.e. 300 kWh=150 Miles
17. Charging times/options/etc.
18. Utility costs by state/geographic location/demand charging/etc.
19. Charging Downtime
20. Supplemental Vehicles

B. Insurance (Range)

C. Driver Wages & Benefits (Range)

D. Taxes & Fees (Range)

E. Licenses & Permits (Range)

F. Depreciation Methodology Options

G. Contingencies

H. Battery Replacement Cost (Range)

1. Maintenance
2. Parts (Range)
3. Fluids
4. Labor (Range)

D. Tires (Range)

E. Brakes (Range)

F. Training (Range)

G. Software (Range)

H. Systems Hardware & Diagnostics (Range)

I. Battery Replacement Cost (Range)

J. Waste Management (Range)

K. Compliance/Reporting

Residual Value for Trade/Second Useful Life, or Salvage/Disposal Assumptions