

1st Sub. H.C.R. 7

CONCURRENT RESOLUTION REGARDING IMPROVING AIR QUALITY  
THROUGH ENHANCED ZERO EMISSION RAIL

Representative **Melissa G. Ballard** proposes the following amendments:

1. Page 1, Lines 22 through 23:

22            { ~~provides that a hydrogen fuel cell-electric system is an example of a zero emission~~  
23     ~~engine technology;~~}

2. Page 3, Line 85 through Page 4, Line 91:

85            { ~~WHEREAS, hydrogen especially is an attractive alternative fuel as hydrogen does not~~  
86     ~~contain carbon and when used in fuel cells produces zero emissions;~~}  
87            { ~~WHEREAS, hydrogen either for onboard energy storage or as part of a hybrid~~  
88     ~~propulsion system provides a viable option in the future for zero emission engines in short line~~  
89     ~~locomotives, industrial plant locomotives, and switch engines operated in the state, and in the~~  
90     ~~future, also for heavy-haul freight locomotives operating in and through the state;~~  
91     ~~——— WHEREAS, infrastructure for hydrogen is continuing to expand in the state;~~}

3. Page 4, Lines 107 through 118:

107   emission engines {~~, including hydrogen fuel cell-electric systems as follows:~~  
108    ~~—————•———— at least one demonstration project of a short line locomotive, industrial~~  
109    ~~plant locomotive, or switch engine using a zero emission engine by~~  
110    ~~2025;~~  
111    ~~—————•———— 25% of short line locomotives, industrial plant locomotives, and switch~~  
112    ~~engines use a zero emission engine by 2030;~~  
113    ~~—————•———— 40% of short line locomotives, industrial plant locomotives, and switch~~  
114    ~~engines use a zero emission engine by 2035;~~  
115    ~~—————•———— 80% of short line locomotives, industrial plant locomotives, and switch~~  
116    ~~engines use a zero emission engine by 2040; and~~  
117    ~~—————•———— 100% of short line locomotives, industrial plant locomotives, and switch~~  
118    ~~engines use a zero emission engine }~~    to 100% by 2050.