Surface Transportation Board – Rail Energy Transportation Advisory Committee Meeting

Performance Measures Update

March 1, 2012
U.S. COAL EXPORTS DASHBOARD

Historical and Forecasted Exports

Q2 Exports Comparison

2011 Exports vs 5-Year Range

Source Data: EIA
CANADIAN RAILROAD COAL CARLOADS DASHBOARD

**CN Historical Originations**

**CN Q4 Originations Comparison**

**2011 CN Originations vs 5-Year Range**

**CP Historical Originations**

**CP Q4 Originations Comparison**

**2011 CP Originations vs 5-Year Range**

Source Data: AAR, CN, CP
EASTERN RAILROAD COAL CARLOADS DASHBOARD

Source data: AAR, CSX, NS
RAILROAD COAL TRAIN SPEED DASHBOARD

Historical Coal Train Speed

Q4 Coal Train Speed Comparison

2011 Coal Train Speeds

Source Data: AAR, BNSF, UP, KCS, NS, CSX, CN, CP
Railroad volume trends:

- **General 2011 Trend**: data through 2011 - AAR reported volumes for major U.S. railroads up 2.2% for carloads and 5.4% for intermodal YOY

- **COAL CARLOADS**: In 2011, AAR’s originated coal carloads for major U.S. railroads up 5.7% in the aggregate.

  2011 v. 2010 individual railroad YOY coal comparisons:
  - BNSF originations: -98,667 carloads, or -4.1%
  - UP originations: +90,230 carloads, or +4.9%
  - CSX originations: -24,495 carloads, or -1.9%
  - NS originations: +61,667 carloads, or +5.3%
  - KCS received: +10,181 carloads, or +4.5%
  - CN originations: +5,411 carloads, or +2.6%
  - CP originations: +7,537 carloads, or +3.6%

- **2012 YTD**: through first seven weeks of 2012, AAR reported flat carload volumes for major U.S. railroads and intermodal volumes up 2.2%. Coal volumes were down 4.7%
Railroad train speed trends:

- **COAL TRAIN SPEEDS:**

  2011 coal train speed performance by railroad:

  - BNSF: average 20.0 mph -- 0.9 mph slower, or -4.2%
  - UP: average 25.0 mph -- 0.3 mph slower, or -1.0%
  - CSX: average 16.5 mph -- 0.8 mph slower, or -4.7%
  - NS: average 15.3 mph -- 0.3 mph faster, or 1.7%
  - KCS: average 26.0 mph -- 0.5 mph faster, or +1.8%
  - CN: average 25.5 mph -- 0.6 mph faster, or +2.2%
  - CP: average 20.4 mph -- 0.6 mph slower, or +2.8%