Update for the Rail Electrification Council

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Electrification currently confined to the **Northeast Corridor** and one State-Supported corridor (**Harrisburg to Philadelphia**).
FY19 SUSTAINABILITY PROGRESS

These four strategic sustainability goals focus our workforce on resources we consume and impacts we make while we operate Amtrak. We strive to do better and from the numbers below, we’re on our way.

**ELECTRICITY USE**

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<thead>
<tr>
<th></th>
<th>FY10</th>
<th>FY19</th>
<th>CHANGE SINCE 2010</th>
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<tbody>
<tr>
<td></td>
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<td>-14.5%</td>
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In FY19 we decreased energy use by 4.4% at our 40 largest facilities – well above our -1% goal.

**DIESEL FUEL USE**

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<th>FY10</th>
<th>FY19</th>
<th>CHANGE SINCE 2010</th>
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<td>-11.3%</td>
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In FY19 we surpassed our goal of -1% and achieved a total 2.8% reduction in purchased revenue diesel fuel over FY18.

**GHG EMISSIONS**

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<th>FY19</th>
<th>CHANGE SINCE 2010</th>
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<td>-20.3%</td>
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Surpassing our goal of -1%, greenhouse gas emissions (GHG) were down nearly 4% in FY19 compared to FY18.

**RECYCLING RATE**

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<th>FY19 RATE</th>
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<tr>
<td>✔️ 8.3% in 2017</td>
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<tr>
<td>✔️ 10% by 2018</td>
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<tr>
<td>✔️ 15% by 2019</td>
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<tr>
<td>□ 20% by 2020</td>
<td>15.0%</td>
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We met our FY19 goal of diverting 15% of our trash away from landfills, a step toward our goal of 20% by 2020.
Types of Electrification

South End Electrification

12 kV at 25 Hz:
Washington to New York

12.5 kV at 60 Hz:
New York to New Rochelle
New Rochelle to New Haven

North End Electrification

25 kV at 60 Hz:
New Haven to MA state line
MA state line to Boston

Non-NEC Segments

Electrified:
(12 kV at 25 Hz)
Harrisburg to Philadelphia
(i.e., route of Keystones in PA)

All remaining non-NEC segments:
Unelectrified

Segments in blue are Amtrak-owned. Segments in red are not.
Selected Procurements and Investments

New and Improved Equipment
• Completion of Viewliner II procurement
• New Midwest cars arrive early in CY 21 (Siemens Venture married pairs)
• First new Acela equipment arrives later in CY 21 (Avelia Liberty trainsets)
• New ALC-42 diesel locomotives begin arriving in CY 21
• Amfleet replacements (dual-mode?) begin entering service circa 2025

Major Stations Upgrades
• Moynihan Train Hall in New York City opens this winter
• Washington Union Station concourse modernization planned
• Other improvements at NYP and WAS, plus BAL, CHI, & PHL

Next-Generation High-Speed Rail Investments on the NEC
• Track upgrades and capacity improvements, inc. to allow higher-speed travel

Post-COVID Economic Recovery
• $5.2 billion economic recovery proposal to Congress
Megaregions: Ideal for Corridor Service
See you on the train!