The Future of Fossil Fuels - Transportation Policy & Strategies

Judy C. Gates
Director, Environmental Office
E2Tech Heating & Transportation Forum
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“Lately it occurs to me, what a long strange trip it’s been…”

Grateful Dead
Truckin’
1970
“I know you like your transportation
With a motor and a rubber wheel
But when you move you
cause a transformation…”

Don McLean
La La Love You
1974
So, where should we go?

Go, Go, Go!
We can fly in a plane.
We can ride on a train.
In a boat, we will row.
We can go, go, go!
We go near, we go far.
In a bus or a car.
We go high, we go low.
So, where should we go?

MRS. KELLY’S KLASS
Where we have been…

- Mission?
- Operating grants using FTA pass-through funds to ~ 20 providers
- Support Downeaster with $2 million/year in CMAQ funds
- MPOs (e.g. PACTS) also supported by FTA pass-through funds
- Partnering on Portland Transportation Center & Exit 75 Concord bus facility
- Island Explorer propane fleet
Where we are now…

- Bicycle/Pedestrian projects
- Expansion of Island Explorer fleet
- Increased freight weights on Interstates
- Port rail expansions
- “Mother-Slug” (aka “Mother-Daughter”) locomotives
- Auxiliary Power Units (APUs)
Volkswagen Environmental Mitigation Trust
## Maine’s Proposed Distribution

<table>
<thead>
<tr>
<th>Program</th>
<th>% of Total</th>
<th>Dollars</th>
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<tbody>
<tr>
<td>Multimodal Planning</td>
<td>40%</td>
<td>$8.4 million</td>
</tr>
<tr>
<td>General Appendix D</td>
<td>25%</td>
<td>$5.3 million</td>
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<tr>
<td>Diesel Emission Reduction Act (DERA) Option</td>
<td>20%</td>
<td>$4.2 million</td>
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<tr>
<td>Light Duty Zero Emission Vehicle Supply Equipment</td>
<td>15%</td>
<td>$3.1 million</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
<td><strong>$21 million</strong></td>
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</tbody>
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What actions are eligible under Appendix D?

- Class 8 local freight or port drayage equipment;
- Class 4-8 school, shuttle, or transit buses;
- Pre-tier 4 freight switchers;
- Tier 1 or 2 unregulated ferry or tug engines;
- Shore power for ocean going vessels;
- Class 4-7 local freight trucks;
- Airport ground support equipment;
- Forklifts and port cargo handling equipment;
- Light duty zero emission vehicle supply equipment; or
- Non-federal voluntary match for the Diesel Emission Reduction Act (DERA) program.
What actions are eligible under DERA?

- Marine vessel repowers
- Ports
- School yards/bus depots
- Rail yards
- Construction sites
EVSE Priorities

- Political commitments
- Federal designation
- Range
- Existing infrastructure
- Safety/facilities
Conceptual Process

1. Governor’s Office approval to proceed
2. Designate lead agency
3. Draft and post Beneficiary Mitigation Plan for public comment
4. Draft and post grant process, selection criteria, reporting requirements
5. Requests for Proposals
6. Award projects
Trust Effective Date
October 2, 2017

Deadline for
Beneficiary Status
filings
December 1, 2017

Trustee issues list
of Certifying
Entities
January 30, 2018

One-third of
funding available
~March 19, 2018

Two-thirds of
funding available
~March 2019

Timeline
www.mainedot/vw