Overview

Timeline

Start: January 28, 2010
Finish: January 27, 2014
65% Percent complete

Barriers

The current economic recession has caused a few private partners and small municipalities to have to be replaced.

Budget

• Total project funding
  – DOE share: $14,906,648.00
  – Recipient share: $37,458,715.00

Partners

The state of Utah and numerous universities, private companies, and municipalities are contributing vehicles or stations toward this project.
Relevance

FY09/10/11/12 Project:
Utah Clean Cities Transportation Sector
Petroleum Reduction Technologies Program

Project Objective:
To promote economic growth and reduce petroleum use in Utah by increasing the number of CNG, LNG, Hybrid, and biodiesel vehicles on the road, creating an I-15 corridor for alternative fuels, and helping in insure our fleets don’t have to sacrifice jobs in their efforts to go green.
Anticipated public NGV sites after the grant
Approach

- Subrecipient contracts were signed
- All NEPAs were approved
- Station construction and vehicle ordering began
- Partner plans were adjusted to meet their updated plans
- Stations and vehicles were shifted to existing and new partners, in order to meet the grant parameters.
# UCCC Milestones

<table>
<thead>
<tr>
<th>Month/Year</th>
<th>Milestone</th>
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<tbody>
<tr>
<td>May 2010</td>
<td>75% of the vehicle NEPA's have approval. 50% of the approval vehicle NEPA's have been ordered or purchased. 80% of the infrastructure NEPA's have been approved. 50% of the approved infrastructure is under construction.</td>
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<tr>
<td>June 2010</td>
<td>100% of the sub-contract agreements signed</td>
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<td>July 2010</td>
<td>100% of vehicle NEPA's approved</td>
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<tr>
<td>August 2010</td>
<td>25% of the vehicles are deployed and tracking fuel and mileage</td>
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<tr>
<td>September 2010</td>
<td>25% of the approved infrastructure is complete</td>
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<tr>
<td>October 2010</td>
<td>100% of balance of the vehicle NEPA's have been ordered or purchased. 100% of balance of the infrastructure NEPA's have been approved</td>
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<tr>
<td>January 2011</td>
<td>50% of infrastructure is complete</td>
</tr>
<tr>
<td>January 2011</td>
<td>50% of vehicles are deployed and tracking fuel and mileage</td>
</tr>
<tr>
<td>August 2011</td>
<td>100% of infrastructure is completed</td>
</tr>
<tr>
<td>August 2011</td>
<td>100% of the vehicles are deployed and tracking fuel and mileage. 100% of trainings are complete. 100% of outreach and education activities are complete</td>
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Technical Accomplishments

- UCCC reached the milestone of 50% project completion ahead of schedule with the following projects:

- **Stations:**
  - Semi- Service new public CNG station
  - New Questar® stations in St George, Hurricane, Scipio, and Naples
  - Upgrades completed to 6 State of Utah Stations
  - Questar has broken ground on 4 new stations
  - Questar has upgraded 7 stations
  - Ground has been broken for 4 more stations
  - CH4 Energy LNG Station Complete
  - Washington City Public Station Complete
  - 5 EV Stations Completed
  - Washakie Renewables Biodiesel Station opened

- **Vehicles**
  - Over 220 vehicles have been ordered
  - Over 175 vehicles have been deployed
Technical Accomplishments Progress

• In the past year, new CNG stations and upgrades have been completed. The first LNG station in the state has open as well as the first Electric Vehicle Charging Stations

• Stations:
  – New Questar station in Scipio
  – Questar has broken ground on 1 new station
  – Questar has upgraded 2 stations
  – Ground has been broken for 4 more stations
  – CH4 Energy LNG Station Complete
  – Washington City Public Station Complete
  – 5 EV Stations Completed
  – Washakie Renewables Biodiesel Station opened

• Vehicles
  – Over 220 vehicles have been ordered
  – Over 175 vehicles have been deployed
The second and third LCNG stations in Utah will open this year.

The first LNG Class 6-8 tractor trailers in Utah will be deployed by August.

New CNG stations will be opened throughout the state.

More stations grand openings and vehicle unveilings will be held.

Educational and media campaigns will begin.

Signage will be created to advertise alternative fuels on the highways in Utah for the first time.

Risk management for these projects are additional projects that current partners have created, which could be implemented if needed.
Summary

• This project will create more public attention for Alternative Fuels in Utah than ever before.
• Over 20 new public alternative fuel stations and over 20 upgrades to public stations will occur throughout the state.
• Over 400 new natural gas vehicles will be deployed in Utah.
• Over 100 jobs will be created or retained.