



April 16–17, 2019

Agility Fuel Solutions Training Center, Salisbury, NC

Agenda

Tuesday, April 16, 2019

Time	Session	Presenter
8–8:30	<i>Continental Breakfast</i>	
8:30–8:45	Welcome	Ron Eickelman - Agility Fuel Solutions
8:45–8:50	Introduction and Agenda Review	Margo Melendez - National Renewable Energy Laboratory (NREL)
8:50–9:05	NGVTF – U.S. Department of Energy (DOE) Update	Dennis Smith - DOE
9:05–9:35	Update on Vehicle Technologies Office (VTO) Natural Gas Funded Research	Robert Marlay - DOE VTO
9:35–9:50	Medium- and Heavy-Duty NGV Technologies Awards	Margo Melendez - NREL
9:50–10:10	<i>Break</i>	
10:10–10:40	South Coast Air Quality Management District (SCQAMD) Technology Program Overview	TBA - SCAQMD
10:40–11:10	Natural Gas Pathways, Vehicles, Storage, and Infrastructure Discussion	Mark Smith - DOE Dennis Smith - DOE
11:10–11:40	The Many Faces of Agility	Chet Dawes - Agility Fuel Solutions Bryan Mewhort - Agility Fuel Solutions
11:40–1	<i>Lunch – Networking</i>	
1–2	CNG Tank End of Life Testing	Lauren Lynch - NREL
2–3	NGV Fuel System and Fuel Container Integrity Requirements	Lauren Lynch - NREL
3–3:30	CSA Codes and Standards Update	Brent Harman - CSA
3:30–4	Vehicle Incidents and Lessons Learned	Tim Standke - NGVAmerica
4–4:30	Tour Agility Facility	
4:30–5	Wrap-Up and Questions	John Gonzales - NREL

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8–8:30	<i>Continental Breakfast</i>	
8:30–8:35	Introduction and Agenda Review	
8:35–9:05	Heavy-Duty Engine Development and Updates	Yemane Gessesse - Cummins Westport
9:05–10	Natural Gas Engines for Harbor Craft and Railroad Locomotives	Jerry Wiens - Emeritus
10–10:30	<i>Break</i>	
10:30–11	Dual Fuel in Rail and Class 8 Applications	Scott Myers - Opti Fuel Systems
11–11:30	Advancements in CNG Full Fills	Ted Barnes - Gas Technology Institute
11:30–12	Overview of Alternative Fuels Risk Assessment Models (AltRAM)	Brian Ehrhart - Sandia National Laboratory
12–1	<i>Lunch – Networking</i>	
1–1:40	Transient Plasma Ignition Systems for Natural Gas Engines	Sunil Murthy - Transient Plasma Systems
1:40–2:10	Advanced Laser Ignition System	Sreenath Gupta - Argonne National Laboratory
2:10–2:40	Modeling with Computational Fluid Dynamics	Myra Blaylock - Sandia National Laboratory
2:40–3	Open Issues and General Discussion	
3–4	Issues, Key Points, Next Steps, and Priorities for Next Meeting	John Gonzales - NREL Dennis Smith - DOE