



January 31–February 1, 2023

SoCalGas Energy Resource Center, Downey, CA

Agenda

Tuesday, January 31, 2023

Time	Session	Presenter
8:00–8:30 a.m.	<i>Continental Breakfast</i>	
8:30–8:40 a.m.	Welcome and Agenda Review	Margo Melendez - National Renewable Energy Laboratory (NREL)
8:40–9:00 a.m.	Southern California Gas Program Overview	Don Widjaja - Southern California Gas Company
9:10–9:25 a.m.	NGVTF – U.S. Department of Energy (DOE) Update	Michael Laughlin - DOE
9:25–9:45 a.m.	California Energy Commission (CEC) Technology Program Overview	Peter Chen - CEC
9:45–10:10 a.m.	<i>Break</i>	
10:00–10:30 a.m.	RD&D Within the Clean Transportation Program	Jeffrey Chase - Southern California Gas Company
10:30–11:10 a.m.	South Coast Air Quality Management District (SCAQMD) Technology Program Overview	Sam Cao - SCAQMD
11:10 a.m.–12:00 p.m.	Natural Gas Consortia Projects Update	Matt Panec, Brad Zigler - 44 Energy
12:00–1:00 p.m.	<i>Lunch – Networking</i>	
1:00–1:40 p.m.	Hydrogen HPDI - Hydrogen IC Engine Development	David Mumford - Westport Fuel Systems
1:40–2:20 p.m.	Cummins Heavy Duty Hydrogen Engine Update	Jay Shah - Cummins Engine Company
2:20–3:00 p.m.	Hydrogen Compression and Fueling Advancements	Graham Barker - ANGI
3:00–3:40 p.m.	DOE Natural Gas Listening Sessions Review	Ted Barnes - GTI Energy
3:40–4:00 p.m.	<i>Break</i>	
4:00–4:30 p.m.	Vehicle Incidents and Lessons Learned	Paul Sandsted - NGVAmerica
4:30–5:00 p.m.	Wrap-Up and Questions	John Gonzales - NREL

Wednesday, February 1, 2023

Time	Session	Presenter
8:00–8:30 a.m.	<i>Continental Breakfast</i>	
8:30–8:35 a.m.	Introduction and Agenda Review	Paul Sandsted - NGVAmerica
8:35–9:15 a.m.	Natural Gas Codes and Standards Updates	John Jordan - Agility
9:15–10:00 a.m.	Transient Plasma Ignition System for Natural Gas Engines	Dan Singleton - Transient Plasma Systems
10:00–10:20 a.m.	<i>Break</i>	
10:20–11:00 a.m.	Development of a Zeolite-Based Catalysts for Improved Low Temperature HC4 Conversion	Tala Mon - University of Buffalo
11:00–11:30 a.m.	CNG Full Fill with a Complete Smart Fueling System	Ted Barnes - GTI Energy
11:30 a.m.–12:10 p.m.	Cummins High Efficiency, Ultra Low Emissions Heavy-Duty Natural Gas Engine R&D	Jay Shah - Cummins Engine Company
12:10–1:00 p.m.	<i>Lunch – Networking</i>	
1:00–1:40 p.m.	Development of a Pent-Roof Medium-Duty Spark-Ignited Natural Gas Engine in an Optimized Hybrid Vehicle System	Chris Chadwell - Southwest Research Institute
1:40–2:20 p.m.	Plug-In Hybrid CNG Drayage Truck (PHET)	Macy Neshati - US Hybrid
2:20–3:00 p.m.	Hydrogen Plus other Alternative Fuels Risk Assessment Models (HyRAM+)	Myra Blaylock - Sandia National Laboratories
3:00–4:10 p.m.	Southern California Hydrogen House Tour (On site)	Southern California Gas Company
4:10–4:30 p.m.	Issues, Key Points, Next Steps, and Priorities for Next Meeting	John Gonzales - NREL, Michael Laughlin - DOE