

2018 - Tulsa Area Ozone Advance Program Annual Update - New and Ongoing Projects

Path Forward Action Plan Category	Emission Reduction Project	Administrative Entity	Description	Status	Implementati on Schedule and - /or Completion Date
Energy Efficiency	Alternative Fuel Vehicle (AFV) Tax Credit	State of Oklahoma	For tax years beginning before January 1, 2015, a one-time income tax credit is available for 50% of the incremental cost of a new AFV or converting a vehicle to operate on an alternative fuel. The state also provides a tax credit for 10% of the total vehicle cost, up to \$1,500, if the incremental cost of a new AFV cannot be determined or when an AFV is resold, as long as a tax credit has not been previously taken on the vehicle. Equipment used for conversions must be new. The alternative fuels eligible for the credit are compressed natural gas, liquefied natural gas, hydrogen, and liquefied petroleum gas (propane). Tax credits may be carried forward for up to five years. (68 O.S. §2357.22) In 2014, this credit was extended to tax years beginning before January 1, 2020 and the credit was changed to up to 45% (from 50%) of incremental cost. 2018 Update: The tax credit remains in place through 2019 with ongoing legislative discussion regarding whether to either let it expire or to substantially amend and extend it.	Ongoing	1990 -
	Alternative Fueling Infrastructure Tax Credit	State of Oklahoma	For tax years beginning before January 1, 2015, a tax credit is available for up to 75% of the cost of alternative fueling infrastructure. Eligible alternative fuels include compressed natural gas (CNG), liquefied natural gas, liquefied petroleum gas (propane), hydrogen, and electricity. The infrastructure must be new. A tax credit is also available for up to 50% of the cost of installing a residential CNG fueling system, for up to \$2,500. The tax credit may be carried forward for up to five years. (68 O.S. §2357.22) In 2014, this credit was extended to tax years beginning before Jan 1, 2020. 2018 Update: The tax credit remains in place through 2019 with current ongoing legislative discussion to either let it expire or to substantially amend and extend it.	Ongoing	1990 -
	Private Alternative Fuel Vehicle (AFV) Loans	State of Oklahoma	Private loan program with a 3% interest rate for the cost of converting private fleets to operate on alternative fuels, for the cost of purchasing an original equipment manufacturer AFV, and for the installation of AFV fueling infrastructure. Maximum repayment six-years.	Ongoing	2010 -

2018 - Tulsa Area Ozone Advance Program Annual Update - New and Ongoing Projects

Path Forward Action Plan Category	Emission Reduction Project	Administrative Entity	Description	Status	Implementati on Schedule and - /or Completion Date
	CNG Fleet Conversion	Oklahoma Department of Transportation/ Oklahoma Turnpike Authority	As of 2016, ODOT had replaced 675 of its approximately 1190 light duty vehicle fleet with CNG vehicles. 2018 Update: OTA currently has 170 passenger vehicles with 85% of them being CNG. No update available for ODOT.	Ongoing	2016 -
	Alternative Fuels Incentive	Oklahoma Natural Gas Company	ONG offers rebates of \$2,000 for the purchase of a dedicated or bi-fueled vehicle and \$3,000 for the purchase of a residential home-fueling system. The program is expected to continue, with no set cut-off or termination date.	Ongoing	2012 -
	CNG Fleet Conversion	Metropolitan Tulsa Transit Authority (MTTA)	MTTA maintains a fleet of approximately 100 vehicles. These include full size fixed route passenger and smaller lift program buses. In 2011, MTTA made the commitment to move toward a 100% CNG fleet and began a concentrated effort to locate and secure funding to do so. In 2012, they completed a \$1.7 million dollar CNG filling station on the property. Within the next several years, funding is being sought to complete the fixed route transition to 100% CNG. 2016 Update: MTTA currently owns and operates 26 full-size CNG Transit buses, 44 CNG Para-Transit buses, and one hybrid electric bus. MTTA's current CNG vehicle count remains at 2016 levels, however, eleven full sized CNG transit buses have been ordered for the Peoria Avenue Bus Rapid Transit Project (BRT). Addressed below in the table and in Appendix D, the Peoria Avenue BRT project timeline has moved up by 2 years and is now planned to be operational in the spring of 2019.	Ongoing	2011 -

2018 - Tulsa Area Ozone Advance Program Annual Update - New and Ongoing Projects

Path Forward Action Plan Category	Emission Reduction Project	Administrative Entity	Description	Status	Implementati on Schedule and - /or Completion Date
	CNG Fleet Conversion	City of Owasso	In 2010, the City of Owasso chose to incorporate CNG vehicles into their city fleet. By 2011, they had opened their first public-private CNG station in their downtown area and are now well on the way to converting the fleet. The City of Owasso remains committed to CNG and purchased their first fully dedicated CNG Refuse Truck in 2013. In 2014, the City's Public Works Department added three dedicated CNG Ford Pickup Trucks to their fleet (one F250 and two F350s). The City of Owasso now has one heavy-duty CNG truck and 13 light-duty vehicles, and continues to maintain their downtown Owasso public CNG fueling station.	Ongoing	2010 -
	CNG Fleet Conversion	Tulsa Public Schools	Currently, 140 of the 300 full-size school bus fleet are operating on 100% CNG fuel. 8 new 2013 BlueBird CNG buses have been ordered and the district continues to seek funding to upgrade their four compressor filling stations. Tulsa Public Schools (TPS) plans to convert 100% of their bus and car fleet to CNG by 2020. In 2014, TPS fully upgraded a compressor station at the fleet's McBirney bus lot, operates nearly 150 CNG school buses and implemented a fleet Idle Reduction Program.	Ongoing	1988 -
	Electric Vehicles and Charging Infrastructure Strategic BuildOut	INCOG/ Tulsa Area Clean Cities/ Public Service Company of Oklahoma	Strategic Planning for Accelerated Deployment of Electric Vehicles and Charging Infrastructure in the Tulsa Area. 2018 Update: Two new City of Tulsa locations will have level 2 charging stations installed within the year. Additionally, the Tulsa Zoo and Gilcrease Museum will each have 2-4 level two chargers installed in their parking lots to allow patrons to charge. And finally, in September, INCOG's Board of Directors approved \$300,000 for EV Charging Infrastructure and locations are currently being determined for 2 or 3 DC Fast charging stations strategically located at highway interchanges around the city.	Ongoing	2016 -

2018 - Tulsa Area Ozone Advance Program Annual Update - New and Ongoing Projects

Path Forward Action Plan Category	Emission Reduction Project	Administrative Entity	Description	Status	Implementati on Schedule and - /or Completion Date
		Cherokee Nation	Announced August 2018, Oklahoma's Cherokee Nation has been awarded \$1,318,600 from the Department of Transportation under the Low No-Emission (Low-No) Bus Program. They will be purchasing two Proterra electric buses and four new charging stations to transport employees and tribal citizens to work and health centers across eastern Oklahoma. The award makes Cherokee Nation the first tribal government to purchase electric transit buses, the first tribal nation to receive Low-No funding from USDOT, and places them among the first operators of electric buses in rural applications in the nation. Cherokee Nation anticipates the buses and equipment to be serving the region within the next two years.	NEW/ Ongoing	2018-
		Electrify America	Electrify America funding will be placing DC Fast EV Charging Station Equipment at public Walmart parking lot locations in Bristow and Vinita.	NEW	
		City of Tulsa/ Strategic Mobility Plan	<p>City of Tulsa Urban Mobility Innovation Team</p> <p>Purpose: To develop a policy and technical action plan to lower barriers for emerging transportation technology adoption in Tulsa.</p> <p>Outcomes: Tulsa will be among leading cities around the world embracing innovation in transportation technology.</p> <p>Create a team of informed business and government leaders to advise on policy and technical issues.</p> <p>Develop key components of Tulsa's Strategic Mobility Plan.</p>	NEW/ ongoing	2018