

Organization	Tier 1 Measures				
	Educating employees about regional air quality and encouraging them to sign up for daily air quality forecasts and Ozone Action Day alerts	Where feasible, encourage employees to telecommute at least once a week and on all Ozone Action Days	When employees are not telecommuting, encourage them to take low-emission modes of transportation, such as carpooling, vanpooling, transit, biking, and walking	Where flexible schedules are allowed, encourage employees to consider work schedules with start times earlier than 8 am rather than later in the morning due to the higher impact of emissions on O3 levels later in the morning	Conserve energy, particularly on Ozone Action Days
Austin White Lime	No	No	No	No	No
Bastrop County	Yes	No	Yes	No	No
Caldwell County	Yes	Yes	Yes	Yes	Yes
CAMPO					
CAPCOG	Yes	Yes	Yes	Yes	Yes
CapMetro					
City of Austin	Yes	Yes	Yes	Yes	Yes
City of Bastrop	N/A	N/A	N/A	Yes	N/A
City of Bee Cave	Yes	No	Yes	Yes	Yes
City of Buda	Yes	No	Yes	Yes	No
City of Cedar Park	Yes	Yes	Yes	Yes	Yes
City of Elgin	Yes	No	No	Yes	Yes
City of Georgetown					
City of Hutto	No	No	No	No	No
City of Kyle		Yes		Yes	
City of Lago Vista	Yes	No	No	Yes	Yes
City of Lakeway					
City of Leander	No	No	No	No	No
City of Lockhart					
City of Luling					
City of Pflugerville	Yes	No	No	No	No
City of Round Rock	N/A	N/A	N/A	N/A	N/A
City of San Marcos	NO	NO	NO	NO	NO
City of Sunset Valley					
City of Taylor	No	No	No	No	No
CLEAN Air Force					
CTRMA	Yes	Yes	Yes	Yes	Yes
FHWA					
Hays County	N/A	N/A	Yes	Yes	N/A
LCRA	Yes	Yes	Yes	Yes	Yes
Lone Star Chapter of the Sierra Club	Yes	Yes	Yes	Yes	Yes
Lone Star Clean Fuels Alliance	Yes	Yes	Yes	N/A	Yes
Public Citizen	yes	no	yes	yes	yes
TCEQ	Yes	No	Yes	Yes	Yes
Texas Lehigh Cement Co.					
TPWD	Yes	Yes	Yes	Yes	Yes
Travis County	Yes	Yes	Yes	Yes	Yes
TxDOT	yes	yes	yes	yes	yes
Williamson County	Yes	Yes	No	No	Yes
Total Yes	20	12	17	19	17
Total No	5	13	9	8	8

	sures				
Organization	Establish and enforce idling restriction policies for use of [Organization]'s vehicles, equipment, and property	Establish fleet management policies that prioritize the use of vehicles and equipment with low NOX rates	Educate fleet users on driving and equipment operation practices that can reduce NOX emissions	Reschedule discretionary emission-generating activities such as engine testing and refueling to late afternoon rather than the morning, particularly on Ozone Action Days	Seek funding to accelerate replacement of older, higher-emitting vehicles and equipment with newer, cleaner vehicles and equipment, such as Texas Emission Reduction Plan (TERP) grants
Austin White Lime	No	No	No	No	No
Bastrop County	No	No	No	No	Yes
Caldwell County	No	No	No	No	No
CAMPO					
CAPCOG	N/A	N/A	N/A	N/A	N/A
CapMetro					
City of Austin	Yes	Yes	Yes	N/A	Yes
City of Bastrop	N/A	N/A	No	Yes	N/A
City of Bee Cave	No	No	No	No	Yes
City of Buda	Yes	No	Yes	Yes	No
City of Cedar Park	Yes	Yes	Yes	Yes	Yes
City of Elgin	No	No	No	Yes	No
City of Georgetown					
City of Hutto	No	Yes	No	No	No
City of Kyle					
City of Lago Vista	Yes	No	Yes	Yes	No
City of Lakeway					
City of Leander	No	No	No	No	No
City of Lockhart					
City of Luling					
City of Pflugerville	No	No	No	No	No
City of Round Rock	N/A	N/A	N/A	N/A	N/A
City of San Marcos	YES	YES	NO	NO	NO
City of Sunset Valley					
City of Taylor	No	No	No	No	No
CLEAN Air Force					
CTRMA	Yes	Yes	Yes	No	No
FHWA					
Hays County	N/A	N/A	N/A	N/A	Yes
LCRA	Yes	Yes	Yes	Yes	No
Lone Star Chapter of the Sierra Club	N/A	N/A	N/A	N/A	Yes
Lone Star Clean Fuels Alliance	N/A	N/A	Yes	N/A	Yes
Public Citizen	n/a	n/a	n/a	n/a	n/a
TCEQ	No	Yes	No	No	No
Texas Lehigh Cement Co.				Yes	
TPWD	No	No	No	No	No
Travis County	Yes	Yes	Yes	Yes	
TxDOT	n/a	n/a	n/a	yes	n/a
Williamson County	Yes	Yes	Yes	Yes	Yes
Total Yes	9	9	9	10	8
Total No	11	11	13	12	14

Organization	Tier 2 Measures				
	Establish low-NOX purchasing policies for new on-road vehicles, non-road equipment, and stationary equipment	Establish "green" contracting policies to encourage the use of low-NOX vehicles and equipment and avoid the use of engines during the morning on Ozone Action Days	Purchase higher-grade gasoline with lower sulfur content in August and September	Provide incentives to employees to avoid single-occupancy vehicle commuting, particularly on Ozone Action Days	Optimize combustion and pollution controls for NOX reductions, particularly on Ozone Action Days
Austin White Lime	No	No	No	No	No
Bastrop County	No	No	No	No	No
Caldwell County	No	No	Yes	No	No
CAMPO					
CAPCOG	N/A	N/A	N/A	No	N/A
CapMetro					
City of Austin	Yes	No	No	Yes	No
City of Bastrop	N/A	No	N/A	N/A	N/A
City of Bee Cave	N/A	N/A	N/A	N/A	N/A
City of Buda	No	No	No	No	No
City of Cedar Park	Yes	No	Yes	No	Yes
City of Elgin	No	No	No	No	No
City of Georgetown					
City of Hutto	Yes	No	No	No	No
City of Kyle					
City of Lago Vista	No	No	No	No	No
City of Lakeway					
City of Leander	No	No	No	No	No
City of Lockhart					
City of Luling					
City of Pflugerville	No	No	No	No	No
City of Round Rock	N/A	N/A	N/A	N/A	N/A
City of San Marcos	N/A	NO	YES	NO	NO
City of Sunset Valley					
City of Taylor	No	No	No	No	No
CLEAN Air Force					
CTRMA	Yes	Yes	No	No	No
FHWA					
Hays County	N/A	N/A	N/A	N/A	N/A
LCRA					
Lone Star Chapter of the Sierra Club	N/A	N/A	N/A	N/A	N/A
Lone Star Clean Fuels Alliance	N/A	N/A	N/A	N/A	N/A
Public Citizen					
TCEQ	No	No	No	No	No
Texas Lehigh Cement Co.					
TPWD	No	No	No	No	No
Travis County	No	No	No	Yes	No
TxDOT	n/a	n/a	n/a	yes	n/a
Williamson County	No	No	No	No	No
Total Yes	4	1	3	3	1
Total No	13	18	15	17	17

Organization	Enforce vehicle idling restrictions within the community [either through an ordinance if a city or a memorandum of agreement with TCEQ if a county]	Educating the public about regional air quality and encouraging them to sign up for daily air quality forecasts and Ozone Action day alerts	Any other actions or activities that you would like to mention for 2019?
Austin White Lime	No	No	Several older, higher-emitting vehicles and equipment were replaced with newer, cleaner vehicles and equipment via TERP grants as follows: Four (4) higher-emitting Class 8 trucks were replaced with newer cleaner vehicles; an older crane was replaced with a new crane, an older water truck was replaced with a newer water truck, and 2 new forklifts were purchased in October 2019 to replace older forklifts.
Bastrop County	Yes	Yes	
Caldwell County	No	Yes	
CAMPO			
CAPCOG	N/A	Yes	
CapMetro			
City of Austin	Yes	Yes	Public Works 2019 Highlights that promote sustainable transportation: Built 13 miles of new sidewalks and 180 accessible curb ramps; Trained 48,200 students in safe street crossing and bicycle riding
City of Bastrop	N/A	Yes	During the 2019-2020 budget year we are developmng communication plans that will allow us to post things quickly such as Ozone action days etc...
City of Bee Cave	N/A	N/A	
City of Buda	No	Yes	
City of Cedar Park	No	Yes	
City of Elgin	Yes	Yes	
City of Georgetown			
City of Hutto	Yes	No	
City of Kyle			
City of Lago Vista	Yes	No	
City of Lakeway			
City of Leander	No	No	
City of Lockhart			
City of Luling			
City of Pflugerville	No	Yes	
City of Round Rock	N/A	Yes	We issued a proclamation for Air Quality Awareness Week and provided some educational material through the City of Round Rock's social media account.
City of San Marcos	YES	NO	
City of Sunset Valley			
City of Taylor	No	Yes	
CLEAN Air Force			
CTRMA	No	Yes	Research studies related to assessing the emissions and fuel consumption impact of our roadways : 1. MoPac Expres Lane Emissions and Fuel Consumption Analysis (Completed in 2019); 2. MoPac Express Lane Carpool Analysis and Peformance Analysis of (Completed in 2019); 3. Systemwide Emission and Fuel Consumption Analysis (In Progress; Completion date June 2020)
FHWA			
Hays County	N/A	N/A	
LCRA			
Lone Star Chapter of the Sierra Club	N/A	Yes	In addition to those actions listed above, the Sierra Club advocated for extension and full funding of the TERP program at TCEQ. In addition, in 2019, we advocated in Austin and other cities for better building codes, and supported efforts to update building codes at the federal level through the International Code Council. Finally, we participated in efforts at Austin Energy to adopt a new Generation plan through the Electric Utility Commission. In early, 2020, City Council adopted a new generation plan that commits Austin Energy to a zero carbon future by closing all gas plants by 2035.
Lone Star Clean Fuels Alliance	N/A	Yes	
Public Citizen			
TCEQ	No	Yes	
Texas Lehigh Cement Co.			
TPWD	No	No	
Travis County	Yes	Yes	
TxDOT	n/a	yes	
Williamson County	Yes	Yes	
Total Yes	8	18	
Total No	10	6	

Organization	Educating employees about regional air quality and encouraging them to sign up for daily air quality forecasts and Ozone Action Day alerts	Where feasible, encourage employees to telecommute at least once a week and on all Ozone Action Days	When employees are not telecommuting, encourage them to take low-emission modes of transportation, such as carpooling, vanpooling, transit, biking, and walking	Where flexible schedules are allowed, encourage employees to consider work schedules with start times earlier than 8 am rather than later in the morning due to the higher impact of emissions on O3 levels later in the morning
Austin White Lime				
Bastrop County	Email messaging to all employees on Ozone Action Days		Messaging to employees during Ozone Action Days only	
Caldwell County				
CAMPO				
CAPCOG				
CapMetro				
City of Austin	Cross departmental social media messaging is used for air quality notifications.	Commute Connections program educates employees regarding benefits of sustainable commute options, including teleworking and alternative schedules.	Commute Connections program educates employees regarding benefits of sustainable commute options and Smart Commute Rewards incentives people who actively take and log sustainable commutes. The City of Austin supports the Commute Solutions Program.	Commute Connections program educates employees regarding benefits of sustainable commute options, including teleworking and alternative schedules.
City of Bastrop				
City of Bee Cave		continuing to evaluate feasibility		
City of Buda	Staff are forwarded the Ozone Action Day alerts so that they may adjust mowing, fueling, and driving to reduce Ozone.	No telecommuting was established for staff. However, the City did begin implementing virtual meetings with contractors and consultants to reduce travel to and from city facilities.	City travel policy requires carpooling when appropriate.	Staff are allowed to flex schedules with some staff arriving at 7:30 am.
City of Cedar Park				
City of Elgin				
City of Georgetown				
City of Hutto		Due to COVID19 telecommuting has increased significantly for employees able to work from home. However, this is not due to Air Quality Concerns		
City of Kyle	Pending	Implemented in 2018	Pending	Implemented in 2018
City of Lago Vista				
City of Lakeway				
City of Leander				
City of Lockhart				
City of Luling				
City of Pflugerville				

Organization	Educating employees about regional air quality and encouraging them to sign up for daily air quality forecasts and Ozone Action Day alerts	Where feasible, encourage employees to telecommute at least once a week and on all Ozone Action Days	When employees are not telecommuting, encourage them to take low-emission modes of transportation, such as carpooling, vanpooling, transit, biking, and walking	Where flexible schedules are allowed, encourage employees to consider work schedules with start times earlier than 8 am rather than later in the morning due to the higher impact of emissions on O3 levels later in the morning
City of Round Rock				
City of San Marcos				
City of Sunset Valley				
City of Taylor				
CLEAN Air Force				
CTRMA	Associated outreach with Pilot Telecommute program	Implemented Pilot telecommute program in 2019; Approximately 75% of our employees telecommuted one or more day a week in 2019		
FHWA				
Hays County			With the County's Car Pool Program	The following Departments arrive earlier than 8:00 am :Sheriff's Office, Juvenile Detention, Building Maintenance and Custodial, Transportation
LCRA	Held open houses and created an informative web page to educate employees. Developed and implemented an internal "Drive for the Sky" program which includes an election to receive notification of ozone action days by email.	Employees are encouraged to sign up for an in house program called "Drive for the Sky." Employees who log in their ozone reducing activities, including telecommuting, qualify for wellness points and gift cards.	"Drive for the Sky" program encourages low emission modes of transportation, such as carpooling, vanpooling, transit, biking and walking	"Drive for the Sky" program encourages low-emission modes of transportation, such as carpooling, vanpooling, transit, biking and walking
Lone Star Chapter of the Sierra Club	We did this through the local austin group	We have a small staff but we do encourage telecommuting and because we have several who live down South and our office in North we avoid driving in the late afternoon.		
Lone Star Clean Fuels Alliance				
Public Citizen				
TCEQ				
Texas Lehigh Cement Co.				
TPWD				
Travis County				
TxDOT				
Williamson County				

	Tier 1 Measures				
Organization	Conserve energy, particularly on Ozone Action Days	Establish and enforce idling restriction policies for use of [Organization]'s vehicles, equipment, and property	Establish fleet management policies that prioritize the use of vehicles and equipment with low NOX rates	Educate fleet users on driving and equipment operation practices that can reduce NOX emissions	Reschedule discretionary emission-generating activities such as engine testing and refueling to late afternoon rather than the morning, particularly on Ozone Action Days
Austin White Lime					
Bastrop County			Have struggled to do this due to a lack of centralized "Fleet Management" department - each Precinct is responsible for its own fleet		
Caldwell County					
CAMPO					
CAPCOG					
CapMetro					
City of Austin	As part of the Bloomberg American Cities Climate Challenge, the city is focusing on municipal energy efficiency as part of its projects and all city buildings are subscribed to clean energy via the Austin Energy GreenChoice program.	Anti-idling policy in place; sticker with messaging located within city vehicles	Austin fleet set a goal to have 330 plug in electric vehicles by 2020. In 2019, it purchased over 70 electric vehicles to add to its stock.	Anti-idling; fleet training for operating vehicles efficiently.	Implemented by AE in large facilities and power plants, but unsure that this is implemented consistently across city in other areas that have backup generators.
City of Bastrop					
City of Bee Cave		continuing to work towards implementation	continuing to work towards implementation	continuing to work towards implementation	continuing to work towards implementation
City of Buda	The City takes steps to conserve energy at all opportunities but does not take any other actions on Ozone Action Days.			Staff has annual training on driving which includes fuel efficiency, vehicle idling, etc.	
City of Cedar Park					
City of Elgin					
City of Georgetown					
City of Hutto					
City of Kyle	Pending	Pending	Pending	Pending	Pending
City of Lago Vista					
City of Lakeway					
City of Leander					
City of Lockhart					
City of Luling					
City of Pflugerville		Drafting policy in 2020	No policy yet		

	Tier 1 Measures				
Organization	Conserve energy, particularly on Ozone Action Days	Establish and enforce idling restriction policies for use of [Organization]'s vehicles, equipment, and property	Establish fleet management policies that prioritize the use of vehicles and equipment with low NOX rates	Educate fleet users on driving and equipment operation practices that can reduce NOX emissions	Reschedule discretionary emission-generating activities such as engine testing and refueling to late afternoon rather than the morning, particularly on Ozone Action Days
City of Round Rock					
City of San Marcos			E85 compatible vehicles when available since 2008. Diesels use TXLED as mandated.		
City of Sunset Valley					
City of Taylor					
CLEAN Air Force					
CTRMA					
FHWA					
Hays County					
LCRA	"Drive for the Sky" emphasizes Ozone Action Days	Included in the corporate fleet management policy	Included in the corporate fleet management policy	Included in the corporate fleet management policy	Engine testing mostly performed either early in the morning or in the afternoon, and none on ozone action days. Refueling performed primarily at beginning or end of shifts; either early morning (before 8 a.m.) or in the afternoon.
Lone Star Chapter of the Sierra Club		We do not have any vehicles that are not privately owned.			
Lone Star Clean Fuels Alliance					
Public Citizen					
TCEQ					
Texas Lehigh Cement Co.					
TPWD					
Travis County					
TxDOT					
Williamson County					

Tier 2 Measures					
Organization	Seek funding to accelerate replacement of older, higher-emitting vehicles and equipment with newer, cleaner vehicles and equipment, such as Texas Emission Reduction Plan (TERP) grants	Establish low-NOX purchasing policies for new on-road vehicles, non-road equipment, and stationary equipment	Establish "green" contracting policies to encourage the use of low-NOX vehicles and equipment and avoid the use of engines during the morning on Ozone Action Days	Purchase higher-grade gasoline with lower sulfur content in August and September	Provide incentives to employees to avoid single-occupancy vehicle commuting, particularly on Ozone Action Days
Austin White Lime	AWL applied for TERP grants in 2017 & 2018. Those grants were approved. Pursuant to the grants, vehicles and equipment were replaced in 2019 (see Notes below)				
Bastrop County	Applied for and received TCEQ ERIG funding for the replacement of an older heavy duty vehicle for Precinct 3 Road and Bridge				
Caldwell County					
CAMPO					
CAPCOG					
CapMetro					
City of Austin	Fleet Department seeks and uses outside funding to supplement purchase of cleaner vehicles.	Austin fleet set a goal to have 330 plug in electric vehicles by 2020, and continues to look for options to reduce emissions from additional equipment as technology is feasible and available.			Employees qualify for paid time off and prizes when participating in city Smart Commute Rewards program.
City of Bastrop					
City of Bee Cave					
City of Buda					
City of Cedar Park	The City of Cedar Park uses a vehicle and equipment replacement fund.				
City of Elgin					
City of Georgetown					
City of Hutto					
City of Kyle	Pending	Pending	Pending		
City of Lago Vista					
City of Lakeway					
City of Leander					
City of Lockhart					
City of Luling					
City of Pflugerville					

		Tier 2 Measures			
Organization	Seek funding to accelerate replacement of older, higher-emitting vehicles and equipment with newer, cleaner vehicles and equipment, such as Texas Emission Reduction Plan (TERP) grants	Establish low-NOX purchasing policies for new on-road vehicles, non-road equipment, and stationary equipment	Establish "green" contracting policies to encourage the use of low-NOX vehicles and equipment and avoid the use of engines during the morning on Ozone Action Days	Purchase higher-grade gasoline with lower sulfur content in August and September	Provide incentives to employees to avoid single-occupancy vehicle commuting, particularly on Ozone Action Days
City of Round Rock					
City of San Marcos		Heavy equipment come with the latest emission standards in place. All should be at least Tier 4.		Fuel blends are set by EPA and TCEQ that go with summer blends and winter blends. All unleaded fuel is E10. E85 is available at select locations. No bio diesel available. TxLed mandated for diesel fuel.	
City of Sunset Valley					
City of Taylor					
CLEAN Air Force					
CTRMA					
FHWA					
Hays County	In 2019 funding sources were allocated to replace older, higher-emitting vehicles in the Sheriff's Office				
LCRA	Based on initial analysis, TERP is not viable at this time.				
Lone Star Chapter of the Sierra Club					
Lone Star Clean Fuels Alliance					
Public Citizen					
TCEQ					
Texas Lehigh Cement Co.					
TPWD					
Travis County					
TxDOT					
Williamson County					

Organization	Optimize combustion and pollution controls for NOX reductions, particularly on Ozone Action Days	Enforce vehicle idling restrictions within the community [either through an ordinance if a city or a memorandum of agreement with TCEQ if a county]	Educating the public about regional air quality and encouraging them to sign up for daily air quality forecasts and Ozone Action day alerts
Austin White Lime			
Bastrop County		MOU with TCEQ - although is rarely enforced	Public outreach activities during Air Quality Awareness Week - online and in person. When feasible, Ozone Action Day alerts have been posted on County's homepage and Facebook page.
Caldwell County			
CAMPO			
CAPCOG			
CapMetro			
City of Austin		Anti-idling ordinance in place	Air quality messaging used throughout different departments: Ozone Action Day posts were used on the general city page, Austin Transportation and Office of Sustainability.
City of Bastrop			it is a topic at Council meetings by proclamation and staff updates
City of Bee Cave			
City of Buda			The Ozone Action Days are shared on the City's social media accounts.
City of Cedar Park			
City of Elgin			
City of Georgetown			
City of Hutto		City has ordinance that prohibits idling vehicles.	
City of Kyle			Pending
City of Lago Vista			
City of Lakeway			
City of Leander			
City of Lockhart			
City of Luling			
City of Pflugerville			It was in place prior to 2019, but remains on our webpage, so it is in effect: https://www.pflugervilletx.gov/city-government/development-services-center/planning-department/ozone-action-information

Organization	Optimize combustion and pollution controls for NOX reductions, particularly on Ozone Action Days	Enforce vehicle idling restrictions within the community [either through an ordinance if a city or a memorandum of agreement with TCEQ if a county]	Educating the public about regional air quality and encouraging them to sign up for daily air quality forecasts and Ozone Action day alerts
City of Round Rock			
City of San Marcos			
City of Sunset Valley			
City of Taylor			
CLEAN Air Force			
CTRMA			Reposts of Social Media Posts by CAPCOG
FHWA			
Hays County			
LCRA			
Lone Star Chapter of the Sierra Club			
Lone Star Clean Fuels Alliance			
Public Citizen			
TCEQ			
Texas Lehigh Cement Co.			
TPWD			
Travis County			
TxDOT			
Williamson County			