

APPENDIX C

Texas Electric Generating Utility NO_x Control Strategies Compared to the Clean Air Interstate Rule (CAIR)

Facility Type		State Emission Rate Requirements	CAIR 2009	CAIR 2015
Utility Electric Generation in Ozone Nonattainment Areas Emission Specifications for Attainment Demonstrations				
Houston-Galveston-Brazoria				
Gas-Fired Utility Boilers	Electric Power Generating Systems	0.030 lb of NO _x /MMBtu	0.15 lb of NO _x /MMBtu	0.125 lb of NO _x /MMBtu
	Industrial, Commercial and Institutional	0.020 lb of NO _x /MMBtu 0.030 lb of NO _x /MMBtu 0.036 lb of NO _x /MMBtu	0.15 lb of NO _x /MMBtu	0.125 lb of NO _x /MMBtu
Coal-Fired Utility Boilers	Wall-Fired	0.050 lb of NO _x /MMBtu	0.15 lb of NO _x /MMBtu	0.125 lb of NO _x /MMBtu
	Tangential-Fired	0.045 lb of NO _x /MMBtu		
Oil-Fired Utility Boilers	Wall-Fired	0.050 lb of NO _x /MMBtu	0.15 lb of NO _x /MMBtu	0.125 lb of NO _x /MMBtu
	Tangential-Fired	0.045 lb of NO _x /MMBtu		
Auxiliary Steam Utility Boilers		0.030 lb of NO _x /MMBtu	0.15 lb of NO _x /MMBtu	0.125 lb of NO _x /MMBtu
Coke-Fired Boilers		0.057 lb of NO _x /MMBtu	0.15 lb of NO _x /MMBtu	0.125 lb of NO _x /MMBtu
Wood Fuel-Fired Boilers		0.060 lb of NO _x /MMBtu	0.15 lb of NO _x /MMBtu	0.125 lb of NO _x /MMBtu
Stationary Gas Turbines	Electric Power Generating Systems	0.032 lb of NO _x /MMBtu	0.15 lb of NO _x /MMBtu	0.125 lb of NO _x /MMBtu
	Industrial, Commercial and Institutional	0.032 lb of NO _x /MMBtu 0.15 lb of NO _x /MMBtu 0.26 lb of NO _x /MMBtu	0.15 lb of NO _x /MMBtu	0.125 lb of NO _x /MMBtu
Dallas-Fort Worth				
Large Utility Boilers		0.033 lb of NO _x /MMBtu	0.15 lb of NO _x /MMBtu	0.125 lb of NO _x /MMBtu
Small Utility Boilers		0.06 lb of NO _x /MMBtu	0.15 lb of NO _x /MMBtu	0.125 lb of NO _x /MMBtu
Beaumont-Port Arthur				
All Utility Boilers		0.10 lb of NO _x /MMBtu	0.15 lb of NO _x /MMBtu	0.125 lb of NO _x /MMBtu

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Facility Type	State Emission Rate Requirements	CAIR 2009	CAIR 2015
Utility Electric Generation in East and Central Texas			
Gas-Fired Utility Boilers	0.14 lb of NO _x /MMBtu	0.15 lb of NO _x /MMBtu	0.125 lb of NO _x /MMBtu
Coal-Fired Utility Boilers	0.165 lb of NO _x /MMBtu	0.15 lb of NO _x /MMBtu	0.125 lb of NO _x /MMBtu
Senate Bill 7			
East Texas Region Grandfathered Facilities	0.14 lb of NO _x /MMBtu	0.15 lb of NO _x /MMBtu	0.125 lb of NO _x /MMBtu
West Texas and El Paso Region Grandfathered Facilities	0.195 lb of NO _x /MMBtu	0.15 lb of NO _x /MMBtu	0.125 lb of NO _x /MMBtu