

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

(as of February 23, 2007)

| 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 |