ABBREVIATIONS

AEGI - Amine Enhanced Gas Injection

AGR - Advanced Gas Reburning

AH-SCR - Air Heater Selective Catalytic Reduction

BACT - Best Available Control Technology

BOOS - Burners Out of Service

Btu - British thermal unit

CAAA90 - Clean Air Act Amendments of 1990

$CaCO_3$ - Calcium Carbonate (limestone)

CaO - Calcium Oxide (lime)

Cascade - SNCR/SCR Hybrid

$CaSO_3$ - Calcium Sulfite

$CaSO_4$ - Calcium Sulfate

$CaSO_4 \bullet 2H_2O$ - Gypsum

CCOFA - Closed-Coupled Overfire Air

CEM - Continuous Emissions Monitor

CFD - Computational Fluid Dynamics

CKM - Chemical Kinetic Model

CO - Carbon Monoxide

CO_2 - Carbon Dioxide

$CO(NH)_2$ - Urea

CR - Coal Reburning

CTR - Combustion Controls

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DOE - Department of Energy

EPA - Environmental Protection Agency

EPRI - Electric Power Research Institute

ESP - Electrostatic Precipitator

FCC - Fixed Charge on Capital

FEGT - Furnace Exit Gas Temperature

FF - Fabric Filter

FGD - Flue gas Desulfurization

FLGR - Fuel Lean Gas Reburn

GR - Gas Reburn

H_2O - Water

H_2SO_3 - Sulfurous Acid

HSR - Hybrid Selective Reduction

IPPs - Independent Power Producers

kW - Kilowatt

kWh - Kilowatt hour

LAER - Lowest Achievable Emission Rate

L/G - Liquid to gas ratio

LNB - Low NOx Burners

LNCB - Low NOx Cell Burners

LNCFS - Low NOx Concentric Firing System

LOI - Loss of Ignition

MMBtu - Million Btu

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MWe - Megawatt of Electrical Generation (generator gross output)

N_2 - Nitrogen

NGR - Natural Gas Reburn

NH_3 - Ammonia

NO - Nitric Oxide

NOx - Nitrogen Oxides (NO + NO_2)

NOxOUT® - SNCR Technology designed by Fuel-Tech N.V.

NSPS - New Source Performance Standards

NSR - New Source Review

NUG - Non-Utility Generator

O&M - Operation & Maintenance

OEM - Original Equipment Manufacturer

OFA - Over Fire Air

OLF - Operating Costs Levelization Factor

PJFF - Pulse Jet Fabric Filter

ppm - Parts per million

PRB - Powder River Basin Coal

RACT - Reasonably Available Control Technology

RAFF - Reverse Air Fabric Filter

RDE - Rigid Discharge Electrode

RF - Rigid Frame

SCR - Selective Catalytic Reduction

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SNCR - Selective Non-Catalytic Reduction

SOFA - Separated Overfire Air

SO_2 - Sulfur Dioxide

SO_3 - Sulfur Trioxide

SOx - Sulfur Oxides

TiO_2 - Titanium Dioxide

V_2O_3 - Vanadium Pentoxide

WO_3 - Tungsten Trioxide

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