

NID OEM Cost Summary

	1.75 w/o ESP	3.0 w/o ESP	4.5 w/o ESP	7.5 w/o ESP	Comments
NID System	\$ 49,600,000	\$ 50,231,000	\$ 53,973,000	\$ 67,447,500	Vendor scope: - Lime day silos and piping to the lime hydrators - Lime hydrators and recycle mixers - J-duct reactors and fabric filter modules - All internal fabric filter elements such as bags, cages, ash hoppers, 2 broken bag detectors per compartment - Ash recycle system including air slides and ash discharge pipe - All internal piping and ductwork for the various modules. - Structural steel integral to the support of the vendor's equipment - Piping inside buildings to terminal point - All all motors required by vendor scope of supply - Process instruments and control logic - Trolleys and Hoists By others: - Piping from terminal points out to the plant - Conduit, cables, etc... to vendor's motors - Site grading, roads, foundations, etc... - Lime unloading, storage silo, etc... - Byproduct conveying, storage, etc... - Air compressors for the pulse-jet cleaning system - New ID fans - Duct from fabric filter to new ID fans - All required DCS upgrades

NID OEM Cost Summary

	1.75 w/ ESP	3.0 w/ ESP	4.5 w/ ESP	7.5 w/ ESP	Comments
NID System	\$ 48,579,000	\$ 49,311,000	\$ 53,053,000	\$ 66,387,200	Vendor scope: - Lime day silos and piping to the lime hydrators - Lime hydrators and recycle mixers - J-duct reactors and fabric filter modules - All internal fabric filter elements such as bags, cages, ash hoppers, 2 broken bag detectors per compartment - Ash recycle system including air slides and ash discharge pipe - All internal piping and ductwork for the various modules. - Structural steel integral to the support of the vendor's equipment - Piping inside buildings to terminal point - All all motors required by vendor scope of supply - Process instruments and control logic - Trolleys and Hoists By others: - Piping from terminal points out to the plant - Conduit, cables, etc... to vendor's motors - Site grading, roads, foundations, etc... - Lime unloading, storage silo, etc... - Byproduct conveying, storage, etc... - Air compressors for the pulse-jet cleaning system - New ID fans - Duct from fabric filter to new ID fans - All required DCS upgrades

Costs for the NID system are based on a 2009 quote from Alstom. The previous quote was factored for the AEP Big Sandy Unit 2 capacity (865 MW) and adjusted for each sulfur and ESP operation.