

Duct Injection for SO₃ Control

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Summary

This presentation will provide insight into the necessary procedures and equipment for conducting a "Duct Injection" demonstration for SO₃ Control. As visible SO₃ plume sensitivity increases due to installation of Selective Catalytic Reduction (SCR), the need for economical control also increases.

The presentation will walk through the necessary components needed when conducting an SO₃ Duct Injection Demonstration. From regulatory, equipment staging, sorbent selection, sorbent utilization, sorbent transportation, on site management of sorbent, necessary duct injection equipment, stack testing, duct injection system operations and maintenance, demonstration cost and required demonstration deliverables.

The information provided in this presentation would help to answer most of the questions that the utility plant manager will have prior to moving forward with performing a SO₃ "Duct Injection Demonstration".