



**Niland CO Catalyst Replacement Project No. 200360
Niland Gas Turbine Plant (402 East Beal Road in Niland, California, 92257) Location Map**

The Niland Generating Station gas turbines Units 1 and 2 are critical for providing IID's System Operations Center with voltage support, spin and non-spin reserve capacity and reactive regulation. The gas turbines are a key part of the IID resource portfolio by providing energy and ancillary services to the IID Balancing Authority. The emissions reduction unit installed in Unit 1 and Unit 2 specifically for reducing oxides of nitrogen (NO_x), carbon monoxide (CO), hydrocarbons (HCs) and particulate matter (PMs), by-products of electrical power generation, has deteriorated requiring replacement of the CO catalyst and maintenance of the selective catalytic reduction system. Emissions reduction units must operate properly to significantly reduce the amount of emissions released from fuel combustion during power generation, otherwise air permit violations could result due to the release of higher levels of contaminants.