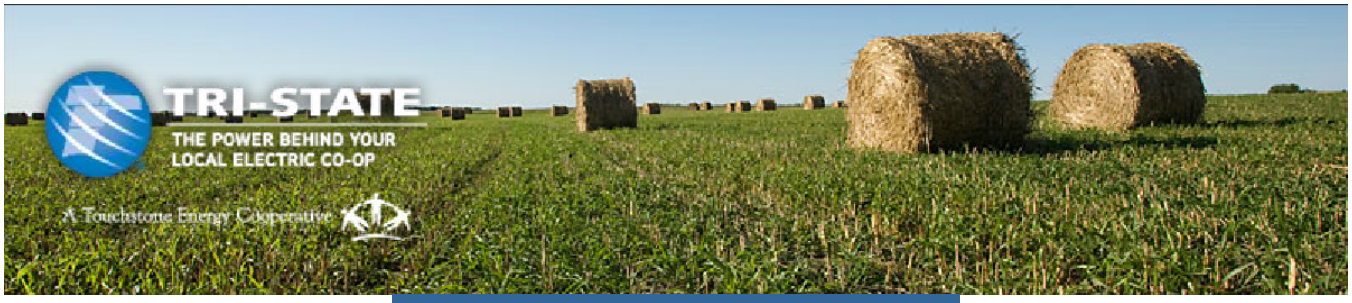
Tri-State Generation and Transmission Association, Inc., 2011, *Baseload Resources: Nucla Station*. Available at http://www.tristategt.org/AboutUs/baseload-resources.cfm. Accessed Dec. 23, 2011.



The Power Behind Your Local Electric Co-op

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Baseload Resources

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Nucla Station near Nucla, Colo., produces 100 megawatts of generating capacity and is the world's first utility-scale power plant to utilize atmospheric circulating fluidized-bed combustion. The station employs more than 50 people in southwestern Colorado.

Plant Statistics

Plant owner and operator	Tri-State G&T
Plant construction	1957 - 1959
Re-powering project	1985 - 1987
Total project cost	$112 million
Total capacity	100 megawatts (net)
Coal source	New Horizon Mine
Plant site size	60 acres
Stack height	215 feet
Water source	San Miguel River; supplemental allocations from Trout Lake
Environmental controls	Atmospheric circulating fluidized-bed combustion that provides more than 70-percent capture of sulfur dioxide emissions and reduces the formation of nitrogen dioxide; fabric-filter baghouse that collects 90 percent of all particulates

Coal Supply

Nucla Station receives its coal supply exclusively from New Horizon Mine, five miles south of the plant, by tractor-trailer truck. The station takes delivery of up to 64 25-ton loads each day.

looks ~5 mi NW of the plant (see below) -- 07/13/12

Environmental Leadership Award

The Colorado Department of Public Health and Environment (CDPHE) has awarded

Tri-State as a Bronze Achiever under the Colorado Environmental Leadership program (ELP) for making significant achievements in operating its 100-megawatt Nucla Station in compliance with all air, land and water regulations. Tri-State is the only electric utility in the state to be admitted into the program, which has been in place since 1999.

Located outside the southwestern Colorado town for which it is named, the power plant was selected for the ELP award due to its implementation of the Environmental Management System (EMS) over the past eight years. "This is a great achievement for our employees at Nucla Station," said Mike McInnes, Tri-State's senior vice president of production. "It serves as an acknowledgment of the measures that we are already taking at our power plants to meet environmental compliance requirements."

New Horizon Mine Statistics

Ownership	Western Fuels-Colorado
Mine site size	20 acres
Annual yield	350,000 to 400,000 tons
Daily production	1,600 tons

Tri-State Generation and Transmission Association, Inc. 1100 W. 116th Avenue Westminster, CO 80234 (303) 452-6111

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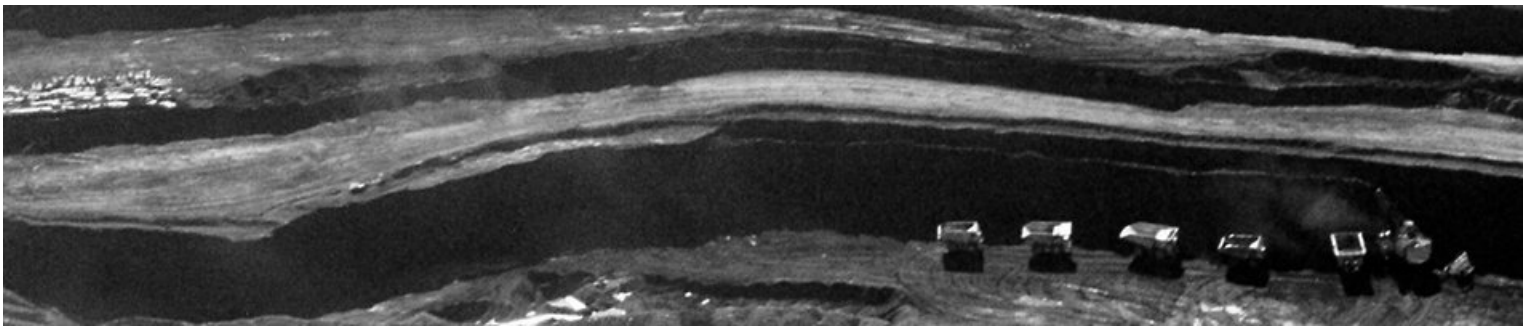
COAL DIVER

everything you wanted to know about coal, but were afraid to ask.

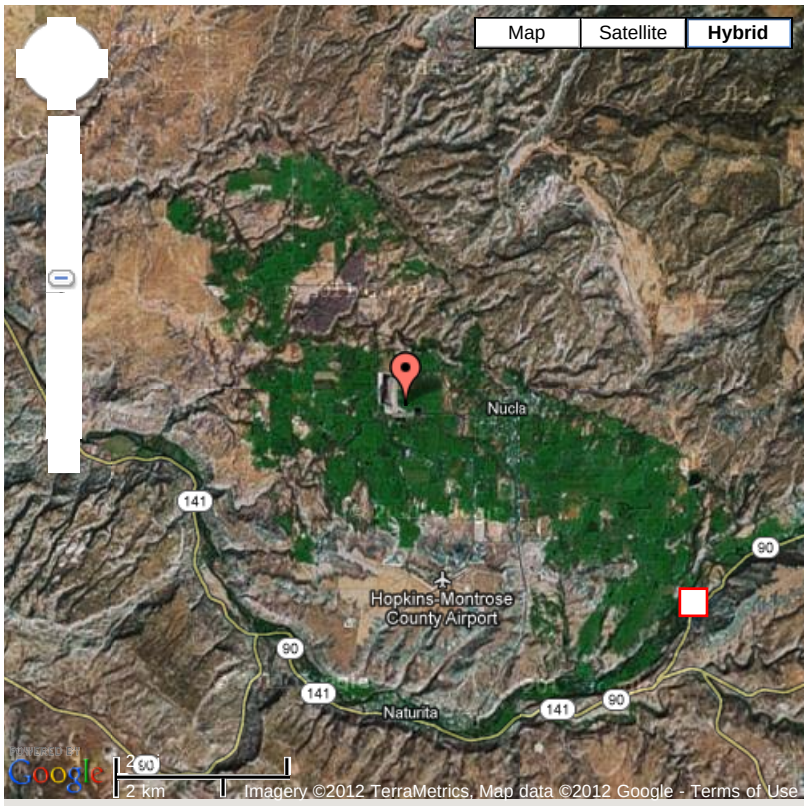


New Horizon Mine

Summary | MSHA Data | Production

MSHA ID: 500299
Controller: Tri-State Generation Transmission Assn Inc; Western Fuels Assoc Inc
Mine type: Surface
Location: Montrose County, CO
Address of Record: 27646 W. 5th Ave. / P.O. Box 628, NUCLA, CO 81424
Latitude: 38.27
Longitude: -108.569999694824

Search for records on this mine at the Mine Safety and Health Administration website Search



Note: mine is marked at the location reported by MSHA. These locations do not always match the actual location of the mine.

Breathe Theme |