

Norway G.S. / Indiana

Northern Indiana Public Service Co's (NIPSCO) Norway Hydroelectric Plant is a "Run of the River" type plant. Placed in service in 1923, Norway Dam is a reinforced concrete dam on a limestone bedrock which forms the 10 mile long lake Shafer, a popular recreational lake in Northwestern Indiana.

Installation was completed in 1996. According to plant operators the ease of assembly of the racks and the overall lightweight contributed to an installation that was easier than the removal of the old trashracks.



Norway has four generating units which at full capacity discharge 3,640 cu ft./sec (27,227 gal/sec). The dam and powerhouse are 1,200 feet long with an operating head of 30'.

As part of an ongoing modernization program, NIPSCO asked Hydrothane to provide new non-corrosive trashracks to replace the existing steel racks.

Each turbine had two intake bays each measuring 12' wide x 28' high. Racks are installed at an angel bringing the total rack length to 33' with a spacing between trashrack bars of 2".

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