

Bhakra dam

Bhakra Dam is a concrete gravity dam on the Sutlej River in Bilaspur, Himachal Pradesh in northern India. The dam forms the Gobind Sagar reservoir. The dam, located at a gorge near the (now submerged) upstream Bhakra village in Bilaspur district of Himachal Pradesh of height 226 m.[1] The length of the dam (measured from the road above it) is 518.25 m and the width is 9.1 m. Its reservoir known as "Gobind Sagar" stores up to 9.34 billion cubic metres of water. The 90 km long reservoir created by the Bhakra Dam is spread over an area of 168.35 km². In terms of quantity of water, it is the third largest reservoir in India, the first being Indira Sagar dam in Madhya Pradesh with capacity of 12.22 billion cu m and second Nagarjunasagar Dam. Described as "New Temple of Resurgent India" by Jawaharlal Nehru,[2] the first prime minister of India, the dam attracts tourists from all over India. Bhakra dam is 15 km from Nangal city and 20 km from Naina Devi town.



Official name	=Bhakra Dam
Location	=Bilaspur, Himachal Pradesh, India
Coordinates	= 31°24′39″N 76°26′20″E﻿ / ﻿Coordinates: 31°24′39″N 76°26′20″E
Construction began	=1948
Opening date	=196
Construction cost	=Rs.245.28 crore in 1963
Dam and spillways	
Type of dam	=Concrete gravity
Impounds	Satluj River
Height	=741 ft (226 m)
Length	=1,700 ft (520 m)
Width (crest)	=30 ft (9.1 m)
Width (base)	=625 ft (191 m)
Spillway type	=Controlled, overflow
Reservoir	
Creates	=Gobindsagar Reservoir
Total capacity	=9.340 km ³
Surface area	=168.035 km ²
Power Station	
Commission date	=1945-1946

Turbines	=5 x 108 .W, 5 x 157 MW Francis-type
Installed capacity	=1325 MW