

Sambandh Database and Map: India's Infrastructure Links

309: Chhukha - Pling - Birpara 220kV D/C Power Transmission Line

1. **Infrastructure Link Code:** 309
2. **Infrastructure Link Name:** Chhukha - Pling - Birpara 220kV D/C Power Transmission Line
3. **Infrastructure Sector:** Energy Infrastructure
4. **Infrastructure Type:** Power Transmission Line
5. **Approximate Location:**

In Bhutan;
<https://goo.gl/maps/sBxjCPGzCWFv7yy5A> ;

In India;
<https://goo.gl/maps/XWtAckbsWSU5dPjb6>

 - **Countries:** India and Bhutan
 - **State Name (India):** West Bengal
 - **Sub - National Unit Name (Bhutan):** Chhukha Dzongkhag
6. **Entities:** Druk Green Power Corporation, Encardio-rite Electronics Pvt. Ltd, National Hydroelectric Power Corporation Ltd, Power Grid Corporation of India Ltd, Power Trading Corporation of India Ltd, Bhutan Power Corporation Limited.
7. **Status:** Operational (as of September 2024)

8. Timeline:

1974

March 23

The Royal Government of Bhutan and the Government of India signed the agreement for project implementation for the Chhukha Hydropower Project. As per the [agreement](#), the project includes construction of a 220kV transmission system from Chukha to Phuentsholing to facilitate supply of surplus power from Bhutan to India. The Government of India [funded](#) this project with a 60% grant and a 40% loan.

**1975
to
1986**

[Construction](#) of the Chhukha Hydropower Plant took place and two Units were commissioned.

1987

February

The Chhukha - Pling-Birpara 220kV D/C power transmission line was [declared](#) under commercial operation.

1991

Chhukha Hydropower Corporation was [formed](#). It sells electricity to Bhutan Power Corporation for domestic use, with surplus exported to India via PTC India. CHP provides 15% of its annual energy as royalty to the Bhutanese government.

1992

April

The power transmission line was [transferred](#) to the first respondent, Power grid Corporation of India Ltd alongside the transmission assets, which continued to maintain and operate it.

2006

November 1

A hearing took place to debate the divide of the inter-regional transmission assets and charges procured by the Chukha - Pling - Birpara 220kV D/C line between the Eastern Region and the North Eastern Region. The solution was to set up a Commission to adequately study the transmission tariffs as per direction and distance to the respective regions to allocate the costs and assets between them.

2008

January 1

Druk Green was formed by merging Chukha, Kurichhu, and Basochhu Hydropower Corporations. Chukha Hydroelectric Project became part of Druk Green and was renamed Chukha Hydropower Plant.

Note: Data as of September 2024.

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