

Sambandh Database and Map: India's Infrastructure Links

306: Punatsangchhu-I Hydroelectric Project

1. **Infrastructure Link Code:** 306
2. **Infrastructure Link Name:** Punatsangchhu-I Hydroelectric Project
3. **Infrastructure Sector:** Energy Infrastructure
4. **Infrastructure Type:** Hydroelectric Project
5. **Location:**
<https://www.google.com/maps/place/Punatsangchhu-1+Hydroelectric+Project+-+Dam/@27.4211477,89.9019385,17z/data=!3m1!4b1!4m6!3m5!1s0x39e1e442d9e802a9:0x72a346cd56e0ed6d!8m2!3d27.4211477!4d89.9045134!16s%2Fq%2F12hn29qx4?entry=ttu>
 - **Countries:** India and Bhutan
 - **State Name (India):** Assam
 - **Sub - National Unit Name (Bhutan):** Wangdue Phodrang Dzongkhag
6. **Entities:** Punatsangchhu-1 Hydroelectric Project Authority (PHPA-I), Punatsangchhu-1 Hydroelectric Project Authority (PHPA-I), Ministry of Energy and Natural Resource, Ministry of Economic Affairs, Ministry of Finance, Dzongkhag Administration, Ministry of External Affairs, Ministry of Power
7. **Status:** Inoperational: Under construction (as of September 2024)

8. Timeline:

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| 2003 | September 15
A Memorandum of Understanding (MoU) was signed between India and Bhutan for the preparation of the Detailed Project Report (DPR) of the Punatsangchhu-1 project. |
| 2007 | July 28
Bilateral Agreement between the Royal Government of Bhutan (RGoB) and Government of Republic of India (GoI) for implementation of the Punatsangchhu-I Hydroelectric project was signed by H.E. Lyonpo Khandu Wangchuk, Minister for Economic Affairs on behalf of the Royal Government of Bhutan (RGoB) and H.E. S.M. Krishna, Minister for External Affairs on behalf of the Government of India (GoI). |
| 2007 | October 1
The constitution of the Punatsangchhu-1 Hydroelectric Project Authority was approved in the first meeting with RGoB. |
| 2008 | May 17
The foundation stone of the project was laid by Prime Minister Manmohan Singh. |
| 2008 | November 11
Construction began on PHPA-I. |
| 2020 | November 3
PHPA-I missed the initial completion deadline of 2019 due to several failed attempts to stabilize geological problems including the slide-prone area at the right bank of the dam. |
| 2024 | July 31
Physical progress of PHPA-I as of the given date was 87.74%. |

Note: Data as of September 2024.

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