

## PUNATSANGCHHU-I & PUNATSANGCHHU-II HYDROELECTRIC PROJECTS

	<b>Punatsangchhu-I HEP</b>	<b>Punatsangchhu-II HEP</b>	<b>Total</b>
Project capacity	<b>Sanctioned</b> 1095 MW (5200 million Units annual energy generation) <b>Revised</b> 1200 MW (5700 million Units annual energy generation)	<b>Sanctioned</b> 990 MW (4200 million Units annual energy generation) <b>Revised</b> 1020 MW (4350 million Units annual energy generation)	<b>Sanctioned</b> 2085 MW (9400 million Units annual energy generation) <b>Revised</b> 2,220 MW (10,050 million Units annual energy generation)
Sanctioned cost	Nu. 35,148.10 (Dec.'06 Price Level)	Nu. 37,780.00 million (Mar.'09 Price Level)	Nu. 72,928.10 million
Estimated Cost-to-Completion	Nu. 66,000.00 million	Nu. 54,000.00 million	Nu. 120,000 million
Project Start	11 November 2008	17 December 2010	
Estimated Completion Date	11 November 2016	17 December 2017	
Number of Bhutanese Contractors engaged since inception	75	11	86
Total value of contracts given to Bhutanese Contractors	Nu. 9,656.52 million (including Nu. 7,590 million to BPC)	Nu. 266.67 million	Nu. 9,923.19 million (including Nu. 7,590 million to BPC)
Employment	Total – 5,474 Bhutanese – 1,508 (28%) (765 with PHPA-I & 743 with Contractors)	Total – 1,897 Bhutanese – 659 (35%) (369 with PHPA-II & 290 with contractors)	Total – 7,371 Bhutanese – 2,167 (29.4%) (1,134 with PHPA-I & II & 1033 with contractors)
Expenditure on Schools/Hospitals/Monasteries/Sales Outlet facilities	Nu. 22.68 million		Nu. 22.68 million
Expenditure on hire of local buildings (27 Nos. 198,800 Sqft @ Nu. 1.4 million per month/vehicles (65)	Nu. 63.26 million	Nu. 6.68 million	Nu. 69.94 million
Crop/House Compensation	Nu. 48.17 million Private Nu. 79.64 million Government	Nu. 2.94 million Private	Nu. 51.11 million Private Nu. 79.64 million Government

	<b>Punatsangchhu-I HEP</b>	<b>Punatsangchhu-II HEP</b>	<b>Total</b>
Compensatory afforestation, Snow Trout rearing facilities, White Bellied Heron Conservation, GLOF Early Warning System	Nu. 27.74 million	Nu. 13.00 million	Nu. 40.74 million
Expenditure ending Oct.'11	Nu. 16,642.00 million, of which Nu. 6,364.00 million have been disbursed to Bhutanese agencies/individuals for works, materials & services <b>(38% of the total expenditure)</b>	Nu. 1,800.00 million, out of which Nu. 218.00 million have been disbursed to Bhutanese agencies/individuals for works, materials & services <b>(12% of the total expenditure)</b>	Nu. 18,442.00 million, out of which Nu. 6,582.00 million have been disbursed to Bhutanese agencies/individuals for works, materials & services <b>(35.7% of the total expenditure)</b>
Private Land	Acquired – 76 acres On Lease – 45.64 acres	Acquired – 5.62 acres On Lease – 12.85 acres	Acquired – 81.62 acres On Lease – 58.49 acres
Landowners affected	78 (Wangdue), 04 (Punakha)	23	101 (Wangdue), 04 (Punakha)
Number of adversely affected families (House & Land surrendered) and Job Given	20  Out of 20, 18 nominations received and job given	01	21 families adversely affected. PHPA-I has given jobs to nominees of 18 families.