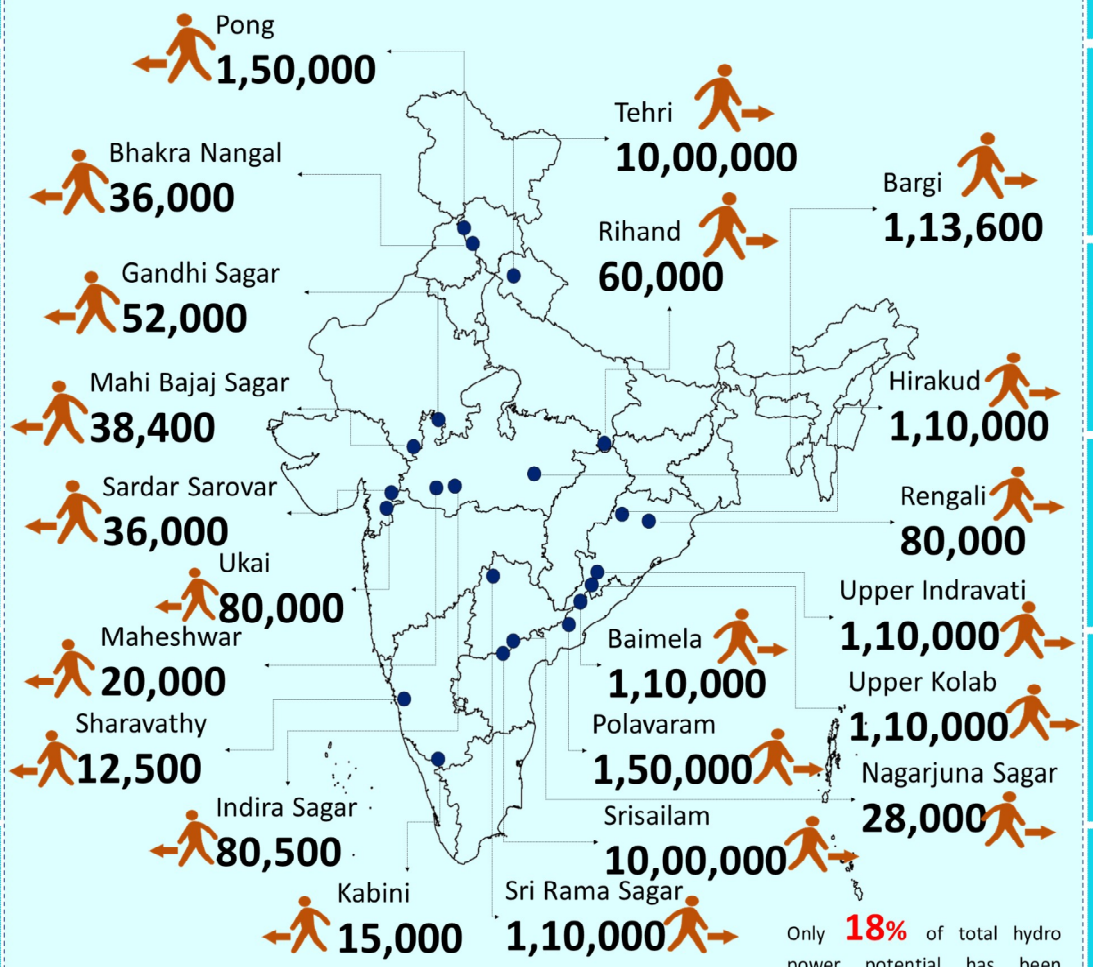
2020

HYDRO POWER VS. DISPLACEMENT: THE TRADE OFFS



Only **18%** of total hydro power potential has been utilized in India (MoP, 2019)

Displacement in number of population; Source: **Cernea 1997**

January

Mon	Tue	Wed	Thu	Fri	Sat	Sun
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	Republic Day
27	28	29	Basant Panchami	31		

February

Mon	Tue	Wed	Thu	Fri	Sat	Sun
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	Maha Shivaratri	22	23
24	25	26	27	28	29	

March

Mon	Tue	Wed	Thu	Fri	Sat	Sun
						1
2	3	4	5	6	7	8
9	Holi	Holi	12	13	14	15
16	17	18	19	20	21	Bihar Divas
23	24	25	26	27	28	29
30	31					

April

Mon	Tue	Wed	Thu	Fri	Sat	Sun
		1	Rama Navami	3	4	5
Mahavir Jayanti	7	8	9	Good Friday	11	12
13	Ambedkar Jayanti	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

May

Mon	Tue	Wed	Thu	Fri	Sat	Sun
				Labour Day	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
Id-ul-Fitr	26	27	28	29	30	31

June

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

July

Mon	Tue	Wed	Thu	Fri	Sat	Sun
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

August

Mon	Tue	Wed	Thu	Fri	Sat	Sun
					Bakrid	2
3	4	5	6	7	8	9
10	Krishna Janmashtami	12	13	14	Indep. day	16
17	18	19	20	21	22	23
24	25	26	27	28	29	Muharram
31						

September

Mon	Tue	Wed	Thu	Fri	Sat	Sun
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

October

Mon	Tue	Wed	Thu	Fri	Sat	Sun
			1	Mahatma Gandhi's Birthday	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
Dussehra	27	28	29	30	31	

November

Mon	Tue	Wed	Thu	Fri	Sat	Sun
						1
2	3	4	5	6	7	8
9	10	11	12	13	Diwali	15
Chitragupta puja	17	18	19	20/Chhath Puja/21	22	
23	24	25	26	27	28	29
30						

December

Mon	Tue	Wed	Thu	Fri	Sat	Sun
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	Christmas Day	26	27
28	29	30	31			

GREEN DAYS

MAR 03	World Wildlife Day
MAR 14	International Day of Action for Rivers
MAR 21	**Forest Day, World Planting Day**
MAR 22	**World Water & Sanitation Day**
MAR 23	World Meteorological & World Resources Day
APR 10	World Atmosphere Day
APR 22	**World Earth Day**
MAY 03	International Energy Day
MAY 22	**World Biodiversity Day**
JUN 05	**World Environment Day**
JUN 08	World Ocean Day
JUN 17	World Day to Combat Desertification & Drought

Hydro power which is one of the cleanest sources of energy and, is always associated with some social cost. However, the social impacts of hydro power is often unaddressed or underestimated. There is hardly any structured account of the number of population displaced due to construction of dams in India. Dams causes Socio-cultural impact around the major construction, changes in the agricultural system in the downstream and population displacement. To meet the increasing energy demand in India hydropower plays an significant role being an important component of SDG 7 (affordable and clean energy). However, more attention is required in the planning phase of dam construction to minimize its social impacts.

GREEN DAYS

JUL 1-7	Van Mahotsav Saptah
JUL 11	**World Pollution Day**
SEP 16	**World Ozone Day**
SEP 21	Zero Emissions Day
OCT 24	International Day of Climate Action
NOV 12	World Birds Day
DEC 11	International Mountain Day
DEC 14	**National Energy Conservation Day**

CENTRE FOR ENVIRONMENT, ENERGY & CLIMATE CHANGE, ADRI

ENVIS RP on Water Management & Climate Change, Under the aegis of Ministry of Environment, Forest & Climate Change, Government of India