

1. Kannagawa Hydroelectric Power Station

(1) Location: Ueno village, Tano District, Gunma Prefecture/

Minamiaiki Village, Minamisaku District, Nagano Prefecture

(2) Name of River: Minamiaiki River, Shinano River Water System (Upper dam)

Kannagawa River, Tonegawa River Water System (Lower dam)

(3) Output: Unit 1 470MW (Commercial operation since Dec 22, 2005)

Unit 2 470MW (Commercial operation since Jun 7, 2012)

Units 3 to 6 1,880MW (Commercial operation after 2032 [planned])

Total 2,820MW

(4) Effective Head: 653 m

(5) Water Volume: 510 m³/s (Units 1 to 6)

(6) Dam

	Upper Dam	Lower Dam
Name	Minamiaiki Dam	Ueno Dam
Type	Center Core-Type Rockfill Dam ^(*2)	Concrete Gravity Dam ^(*3)
Height	136 m	120 m
Volume	7,300,000 m ³	720,000 m ³
Total Reservoir Capacity	19,170,000 m ³	18,400,000 m ³
Water Level at Full Capacity	1,527 m	843.4 m
Remarks	(*2) A building-up rocks and ballast type, setting the impermeable wall inside and made of earth materials to insulate water.	(*3) The dam that bears hydraulic pressure by the weight of concrete.

(7) Power Station

- Type: Underground power station

- Main equipment

Pump turbine: Vertical Shaft Francis pump turbine (6 unit, 482 MW)

Generator motor: Three-phase AC synchronous generator motor

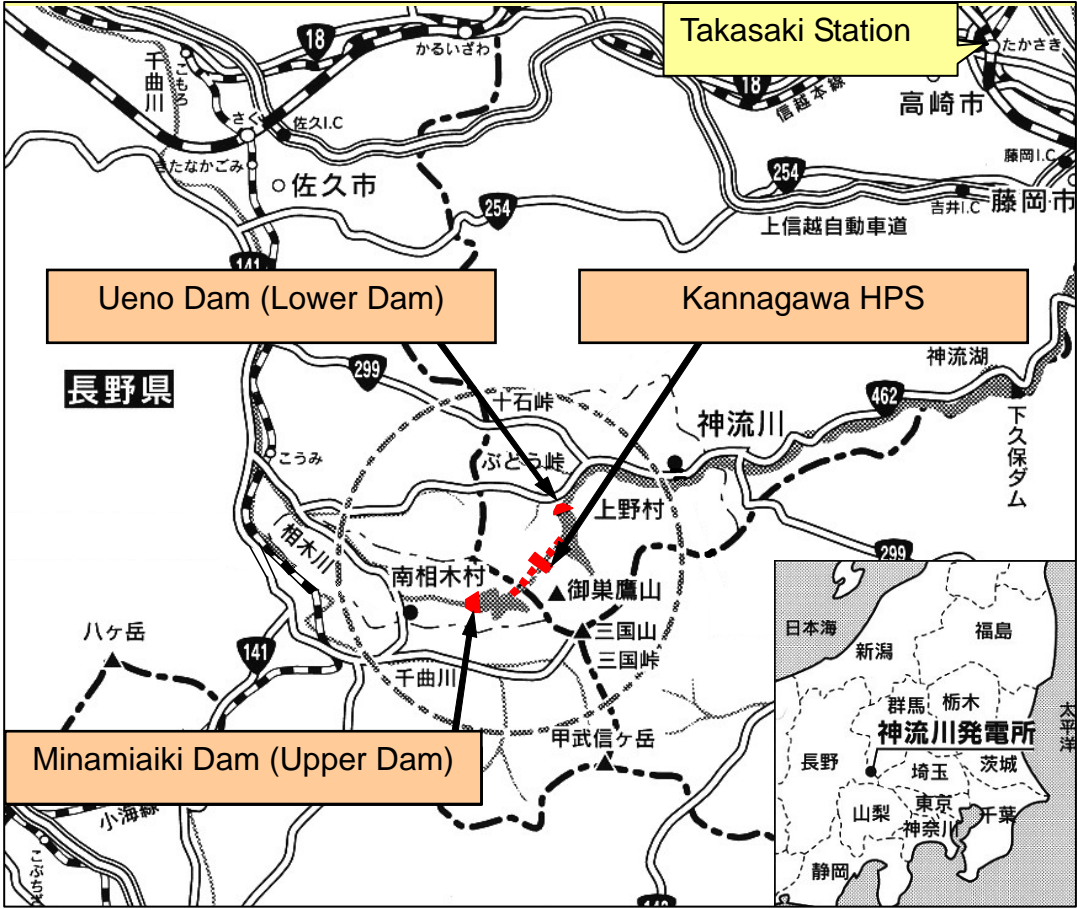
(6 unit, 525 MVA)

2. TEPCO's Pumped Storage Hydroelectric Power Stations (as of June 7, 2012)

Name of Plants	Output (10MW)	Location	Year of Commercial Operation	Type of Water Pumping
Yagisawa	24	Gunma Prefecture	1965	Hybrid
Azumi	62.3	Nagano Prefecture	1969	Hybrid
Midono	24.5	Nagano Prefecture	1969	Hybrid
Shintakasegawa	128	Nagano Prefecture	1979	Hybrid
Tambara	120	Gunma Prefecture	1982	Normal
Imaichi	105	Tochigi Prefecture	1988	Normal
Shiobara	90	Tochigi Prefecture	1994	Normal
Kazunogawa	80 (160)	Yamanashi Prefecture	1999	Normal
Kannagawa	94 (282)	Gunma Prefecture / Nagano Prefecture	2005	Normal

Bracket () means the outputs at the time of completion

3. Location of Kannagawa Hydroelectric Power Station



4. Full View of Kannagawa Hydroelectric Power Station Assembly Floor (Unit 2)

