**Sibusawa Tidal Current Power Plant**

- **Location**: Sabusawa Channel in Shiogama City, Miyagi Pref.
- **Installation**: November 18, 2014
- **Maximum Power**: 5 kW (Current Speed 1.25 m/sec)
- **Features**: The power from the two vertical axial current turbine axes is brought together using a hydraulic system to generate electricity. Each turbine axis has two-stage turbine blades having different phases. Japan’s first grid connected tidal current power generator.

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**Kuji Wave Power Plant**

- **Location**: Tamanowaki fishing port in Kuji City, Iwate Pref.
- **Installation**: September 8, 2016
- **Maximum Power**: 43 kW (Wave Height 4 m)
- **Features**: Hydraulic drive pendulum wave power generator (Wave-Rudder Type) based on a hydraulic steering system for large commercial vessels. Japan’s first grid connected wave power generator.

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**Hiratsuka Wave Power Plant**

- **Location**: Hiratsuka Fishing Port in Hiratsuka City, Kanagawa Pref.
- **Installation**: Scheduled for February 2020
- **Maximum Power**: 45 kW (Wave Height 1.5 m)
- **Features**: The second generation of the Wave-Rudder Type WEC with vertical layout ram-type hydraulic cylinders (VTC). The Wave-Rudder is composed of aluminum and rubber plates. The wave energy reflected by a wall is used in addition to the incident wave energy.