

5. Status of Environmental Impact Assessment

In fiscal 2001, Kyushu Electric Power conducted an environmental impact assessment for two locations at internal-combustion power stations (Tatsugo Power Station Unit 6 and Shin-Iki Power Station Unit 5), and two locations at hydroelectric power stations (Tsukabaru and Shin-Tamukae Power Stations).

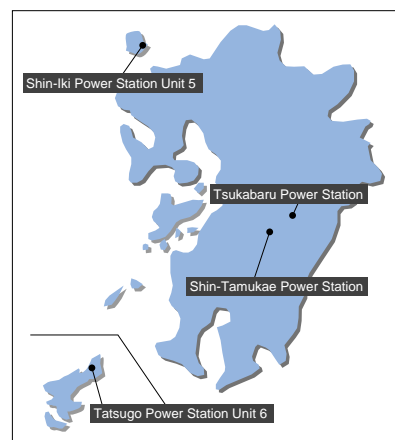
The Environmental Impact Assessment Law of the national government and ordinances on environmental impact assessment of respective local governments stipulate the subjects of the environmental impact assessment in relation to power station construction. If the planned power station falls within the range of their requirements, the implementation of an environmental assessment becomes compulsory.

Among the four locations of environmental assessment in fiscal 2001, assessment for the Shin-Iki Unit 5 is underway, following Nagasaki Prefecture's ordinance on environmental impact assessment. Although the other three cases were not subject to the Environmental Impact Assessment Law or environmental impact assessment ordinances, Kyushu Electric Power voluntarily conducted assessments in a manner following the laws and regulations on power stations for the purpose of environmental conservation. The results were explained and understood by local communities.

Status of environmental impact assessment

	Power station	Basis for assessment	Environmental status study period	Contents
Internal combustion	Tatsugo Power Station Unit 6 in Tatsugo Town, Kagoshima Pref. (10,000kW)	Voluntary	Mar. 2000 - Feb. 2001 (completed)	The current levels of SO _x , NO _x and suspended particulate matters in the air around the power stations, as well as the noise level on site borders are recorded. Based on examination and evaluation of their status since the addition of the power station, in consideration of environmental conservation measures, we confirmed minor environmental impact.
	Shin-Iki Power Station Unit 5 in Ashibe Town, Nagasaki Pref. (10,000kW)	Nagasaki prefectural ordinance	Dec. 2001 - Nov. 2002	
Hydroelectric	Tsukabaru Power Station in Morotsuka Village, Miyazaki Pref. (490kW)	Voluntary	Feb. 2000 - Jan. 2001 (completed)	The current water quality and growth status of stations and animals around the power stations are recorded. Based on examination and evaluation of their status since the addition of the power station, in consideration of environmental conservation measures for fauna and flora, we confirmed minor environmental impact.
	Shin-Tamukae Power Station in Mizukami Village, Kumamoto Pref. (4,700kW)	Voluntary	Jul. 2000 - Jun. 2001 (completed)	

N.B. Items for investigation, estimation and evaluation vary depending on the ordinances and regulations of local governments where power stations are located.



Power stations where environmental impact assessments were conducted in fiscal 2001



Investigation of noise (Tatsugo Power Station)

Measures for the preservation of valuable fauna and flora

Kyushu Electric Power endeavors to preserve local fauna and flora when constructing facilities for power generation and transmission.

Hodgson's hawk eagle (*Spizaetus nipalensis orientalis*) is a resident bird that inhabits forest areas from Hokkaido to Kyushu year round. It is designated as EN (endangered) IB in the 2002 Red Data Book of Japan by the Ministry of the Environment, and as a National Endangered Species in the Law for the Conservation of Endangered Species of Wild Fauna and Flora (enforced in April 1993).

When construction is done near their habitat, the company takes conservation measures based on consultation with the administrative organizations concerned, while monitoring Hodgson's hawk eagles whenever necessary with the guidance of academic experts.



Hodgson's hawk eagle (ENIB, Red Data Book)