System Reliability and Availability Performance

GRI		Indicators	Unit	Performance Result			
				2018	2019	2020	2021
Electricity Generation	GRI G4-EU1	Electricity Generating Capacitiy					
		Hydro	MW	1,900.00	1,900.00	1,900.00	1,900.00
		Solar	MW	14.73	14.73	14.73	14.73
		Cogeneration	MW	237.50	237.50	237.50	237.50
	GRI G4-EU2	Electricity Generate					
		Hydro	MWh	2,454,919.54	2,519,574.19	7,221,506.70	9,149,499.88
		Solar	MWh	12,268.44	15,549.78	20,130.04	23,247.32
		Cogeneration	MWh	1,552,883.05	1,560,829.98	1,535,670.45	1,543,851.11
	GRI G4-EU30	Average plants availability factor by energy source and by regulatory regime					
		XPCL[2, 6]	Percentage	ND[1]	ND[1]	95.99	92.85
		NN2[3]	Percentage	93.11	98.15	97.13	96.96
		BKC[4]	Percentage	99.99	99.99	98.74	99.18
		BIC[5]	Percentage	97.90	95.71	96.00	96.63

Remark:
[1] ND = No Data available
[2] XPCL = Xaiyaburi Hydroelectric power plant
[3] NN2 = Nam Ngum 2 Hydroelectric power plant
[4] BKC = Bangkhenchai Solar power plant
[5] BIC = Bangpa-in Cogeneration
[6] XPCL start Commercial Operation in October 2019. XPCL start collecting environmental performance data in 2020