Table 1.1: Recommendation of Energy Savings Measures

	MEASURES	ENERGY SAVING		COSTSAVING	INVESTMENT	PAYBACK
NO		Unit/year	kWh/year	(IDR/year)	(IDR)	PERIOD (Year)
TEA	M PRODUCTION FACILITY					
1	Using Low Ash Content of Coal	887 ton of coal	5,536	798,535,157		
2	Optimization of Boiler Load	4,448 ton of coal	27,753	4,003,560,000	~	
3	Reduce Excess Air of Boiler 1, 2 and 3	597 ton of coal	3,725	537,049,847	26,419,500	0.05
4	Installed Over-fire Fan to Supply Secondary Air Boiler-1; 2 and 3	819 ton of coal	5,110	736,817,105	93,600,488	0.13
STEA	M DISTRIBUTION AND CONSUME	RS			4.7	
1	Installation of valves and pipes insulation	622 ton of coal	3,881	560,077,432	31,350,000	0.06
POW	/ER QUALITY					
1	Harmonics Reduction by Installing Harmonics filter	83,726 kWh of electricity	83,726	52,205,851	95,000,000	1.82
2	Replacement of Damaged Standard Motors with Right Size High Efficient Motor (HEM.)	1,783,763 kWh of electricity	1,783,763	1,870,196,308	4,370,133,000	2.34

Note:

- T. Low Cost : Investment less than or equal to IDR 30,000,000
- Medium Cost : Investment greater than 30,000,000 and less than IDR 100,000,000
- 3. High Cost : Investment greater than IDR 100,000,000