

Project cost and emission

DATA	PLAN				total
	Year1	Year2	Year3	Year4	
Number of buildings	10	10	10	10	40
Building area (m2/bldg.)	22,308	22,308	22,308	22,308	89,232
Specific electricity use (kWh/m2/y)	75.5	75.5	75.5	75.5	
Energy use (kWh/y)	16,842,540	16,842,540	16,842,540	16,842,540	67,370,160
Electricity cost (Baht/y)	67,370,160	67,370,160	67,370,160	67,370,160	269,480,640
Cost for renovation to green					
Renovation cost(Baht)	47,553,964	47,553,964	47,553,964	47,553,964	190,215,854
Saving					
Energy Saving (kWh/y)	3,132,712	3,132,712	3,132,712	3,132,712	12,530,850
Energy Cost Saving (Baht/y)	12,530,849	12,530,849	12,530,849	12,530,849	50,123,399
CO2 Emission reduction(ton/y)	1,634	1,634	1,634	1,634	6,535
Total saving(Baht/y)					50,123,399
PAYBACK PERIOD(y)					3.79