

Impacts

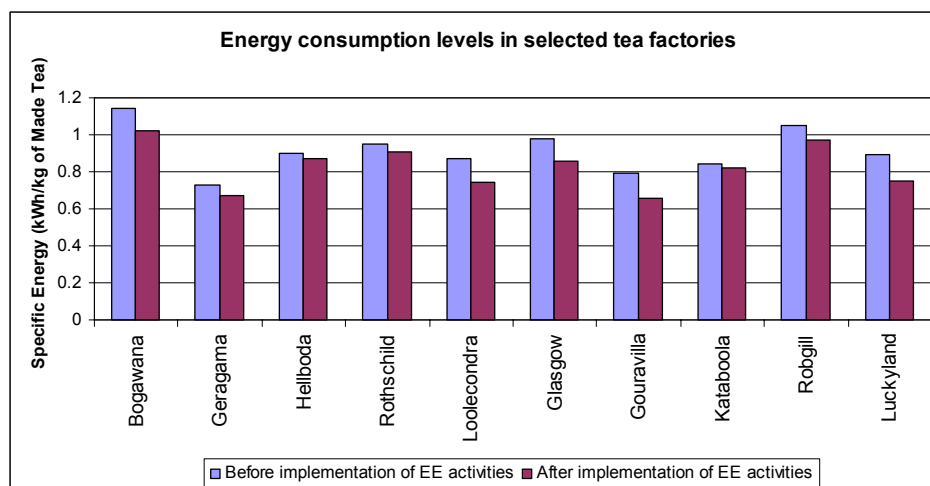
The SLSEA deployed the Sector Specific Training Programmes (SSTP) in Tea industries with the aim of achieving considerable savings, given the large number of factories in operation. This programme trained 108 factory officers in Talawakelle and Rathnapura, in a one –week intensive training programme. The programme was successfully completed. The participants initiated numerous energy conservation endeavors in their factories, following their training. The majority of these factories are situated in the up country.

The SSTP for the tea industry has so far covered 14% of the island's tea factories.

The results of this programme are indeed commendable, wherein all participatory factories marked a significant reduction in energy consumption. The results are summarized in the table.

Energy saving in selected Tea factories

Tea Factory	Savings/ kWh	%
Bogawana	122600	10.1
Geragama	29000	8.4
Hellboda	21350	3.1
Rothschild	44375	3.9
Loolecondra	67100	14.6
Glasgow	97150	13.5
Gouravilla	79800	16.6
Kataboola	18600	3.5
Robgill	26300	7.3
Lickyland	26300	16.8



Concept viability

The graph depicts that all industries have marked an evident reduction in energy consumption.

According to the table, the highest percentage of energy saving was 16.8 %, recorded by the Luckyland tea factory. This was followed by the Gouravilla factory (16.6 %), the Loolecondra factory (14.6 %) and the Glasgow factory (13.5%).

The two industries Geragama and Gouravilla have brought down their energy consumption levels close upon 0.63 kWh/kg of tea, which is the National Benchmark for energy consumption per kilogram of tea produced. The two factories Loolecondra and Luckyland have also followed suite, bringing down their levels close to this point.

Although all the industries have marked a reduction in energy consumption levels, further measures should be adopted to bring them down to National Benchmark standards and the saving potential of this exercise is 30 Million kWh per annum and it is equivalent to the total electricity consumption of 70 tea factories. The SEA at present has given due consideration to this fact.