São Paulo - Brazil - May - 22nd to 24th - 2013

4th INTERNATIONAL WORKSHOP
ADVANCES IN CLEANER PRODUCTION

''INTEGRATING CLEANER PRODUCTION INTO SUSTAINABILITY STRATEGIES''

Analysis of Energy Consumption in the Computer Section of the Group Libra

MUNIZ, A. G. L. *, NOGUEIRA, M.*, AMARAL, F. V. *

** Universidade Paulista – UNIP, Rua Antônio de Macedo, 505, 03.087-040, Parque São Jorge - São Paulo - SP, Brazil*

Email: a.gdelira@gmail.com, marcelo@noginfo.com, favamaral@gmail.com

Abstract

With technological advances under way, the issue of pollutant emissions and reduced operating costs are important topics to be highlighted in any organization, highlighting the need to accept a different attitude that we use the resources we have available today. From a holistic view, This fact occurs due to financial, business, government, strategic reasons or simply for environmental awareness. With the increase in mass of this problem, computers are part of a select group of pollutants, rated one of the major consumers of electricity, both in its production, and in your life, use and disposal on their behalf directly or indirectly, the increased emission of greenhouse gases that impact the environmental condition. This article is part of an abstraction on energy applied to Green IT, which is the sum of the energy management of the economy, with regard to resources. The main objective of this project is to present a proposal to implement a policy of standardization of equipment(laptop / desktop) added to a conscious use, in order to reduce energy consumption, which sees a reduction in electricity cost(TEPHEN, 2009).

Keywords: *Green IT, Efficiency Environmental, Assessment IT, Energy Consumption Estimation.*