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# **Impact of Green Computing Practices in Organization**

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Abstract: The continuous upsurge in demand for processing and computing power has led to a subsequent upsurge in data center carbon emissions, increased cost, unethical waste management, depletion of natural resources and high energy utilization. This increasingly increases the issue of the sustainability attainment in every data centers of Information Technology (IT) based industries and Organization. Green computing practice can be applied to facilitate sustainability attainment as IT based industries utilizes data centers to provide services to employees and end users. But it is a known fact that data center utilize huge quantity of energy and incur other expenditures in cooling operations and it is difficult to address the needs of accurateness and efficiency in every data centers while yet encouraging a green application practice alongside reducing the cost. [14] In this paper, we report the awareness towards green computing and show the summary of important areas where IT organizations can achieve savings in terms of energy and cost. The insights or Findings from the data shows that each of the life cycles strategies is significant in assisting IT based industries apply Green computing practices in their data centers. This study would be of interest to employees of companies, manager and adding knowledge to data management practitioners as well as environmental manager in deploying Green data centers in their organizations. [2]

Keywords: Green Computing.

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