Able-Energy

ABLE-ENERGY'S UTILITIES AND ENERGY SOLUTIONS IN NEW BUILD, EXISTING AND REFURBISHED BUILDINGS

INTRODUCTION

Able-Energy's primary objective is to help manage energy consumption and operational utility costs in industrial and commercial facilities to realise financial savings, growth of asset values, and market differentiation improvements for one's property portfolio.

We have noted that many portfolio companies are considering green technologies (i.e. energy efficient lights) in green field building projects and/or in refurbishing their existing building stock. However, we have also noted many utilities management and billing Service Level Agreements (SLA) do not factor appropriate energy efficiency strategies/interventions/plans resulting in poor performing buildings with diminishing asset value, property income and loss of tenants.

As technology alone does not allow a building to achieve the desired operational efficiencies in terms of electricity costs reduction – it has to be ensured that any such technology allows the facility manager to effectively and timeously respond to tenant requirements within the SLA. Any SLA that exclude fundamental energy efficient undertakings can lead to below par performance both in terms of making sufficient net operating income and achieving benchmark's.

The purpose of this resource is to outline some of Able-Energy's specialised consultancy solutions and practices for consideration in future or proposed developments as well as refurbishments in terms of energy efficiency, Enterprise Internet of Things and Utilities Management and Billing.

The following is a list of the energy optimising consulting aspects to be considered:

1. Specification of open standards, protocols and operational technologies (lights and Co2 sensors etc.) to meet the clients desired Enterprise Internet of Things building operational efficiencies;

2. How to structure utilities to optimise operational energy usage and costs;

3. High level utility systems modelling and plant level operations planning during project development and prior to implementation;

4. Provide smart buildings control solutions with robust design, high availability, redundancy and architecture designed to scale in order to satisfy the high energy building performance requirements;

5. Help develop an integrated energy management program, organisational policy and operational strategy to grow your asset value and improve your portfolios market differentiation;

6. Strategies to assist create a smart building strategy to unify capabilities to control, monitor, and manage a multitude of energy related applications – from lighting to thermostats to CO2 sensors – in order to realize operational and energy-saving benefits across the property portfolio;

7. How best to integrate and specify interoperability within capital expenditure project procurement to ensure highest downstream operational efficiency;

8. How to develop an effective energy management system in accordance to installed electrical capacity and reticulation design;

9. How to integrate water, electricity meter reading, telephone, sustainability reporting, gas, diesel, refuse, internet services and tenant/rental billing etc.; and

10. Assist to develop operational and management dashboards to allow energy usage to be analysed and visualised in both real-time and historical intervals.