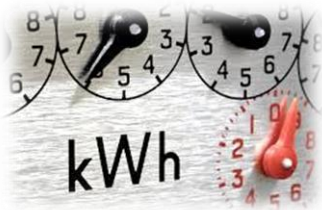# Tackle your Utility Costs one step at a time

AllSolus

**Environmental Monitoring
Repair and Installation**

**Generation Monitoring
Repairs and Installation**

**Electricity Monitoring
Repairs and Installation**
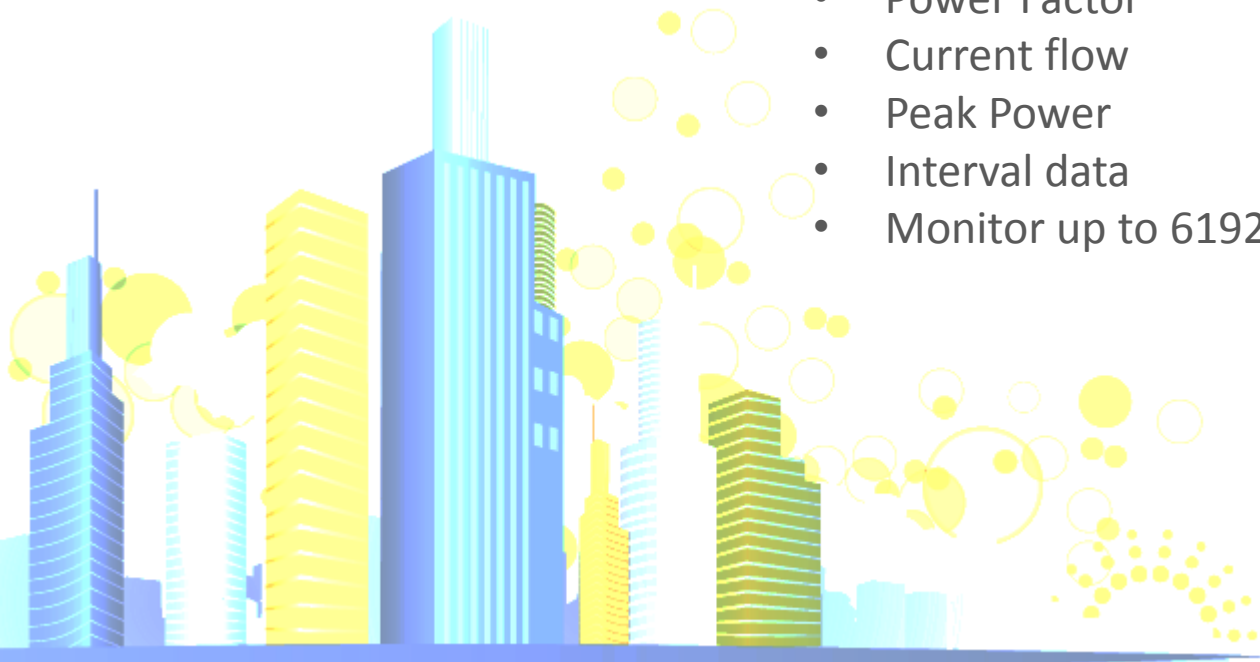
**Water Monitoring
Repairs and Installation**

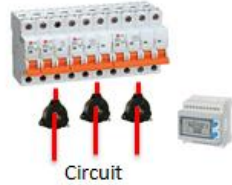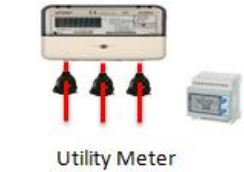**Gas Monitoring
Repairs and Installation**

Electricity

- Class 1 Monitoring
- Amps, volts, Power,
- Power Factor
- Current flow
- Peak Power
- Interval data
- Monitor up to 6192 circuits or sub boards

AllSolus

Electricity monitoring

Utility Meter

Circuit

Split System

Motors/Compressors

20kms

Fridges

Ovens

20kms

Next G

Router

PC or Server

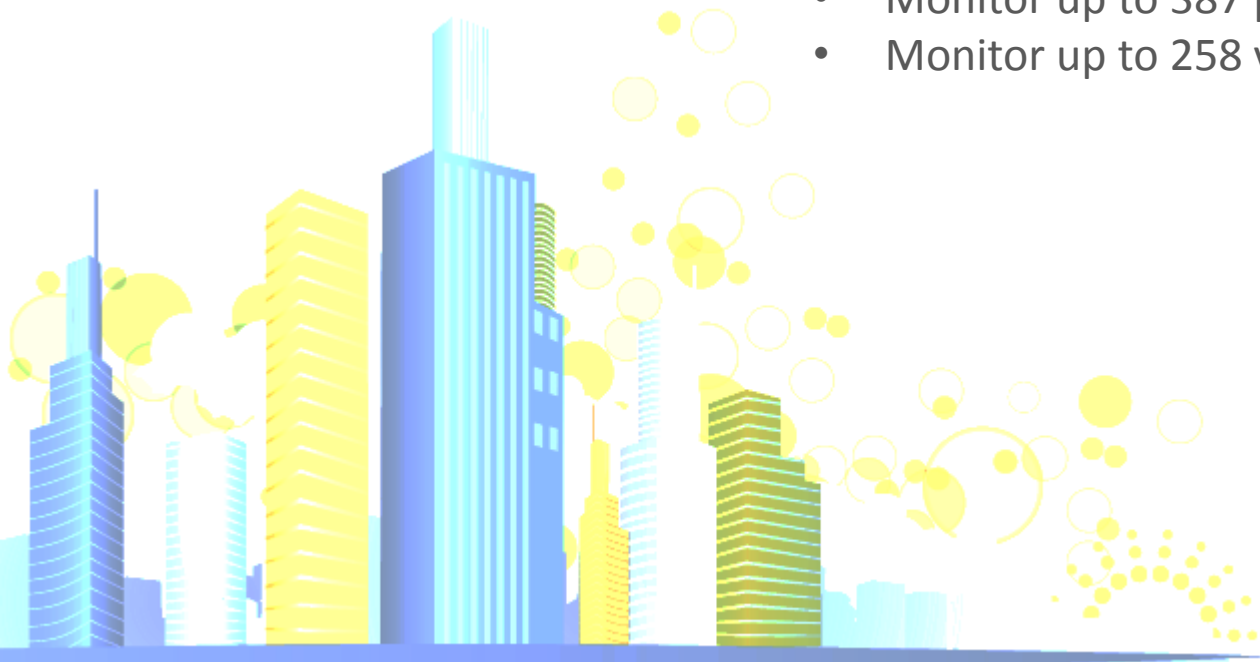SD Card

www.allsolus.com.au

Web Portal

Water

- Water flow
- Water Consumption,
- Water storage levels
- Monitor up to 387 pulse inputs
- Monitor up to 258 via RS485

GAS

- Gas flow
- Gas Consumption,
- Monitor up to 387 pulse inputs
- Monitor up to 258 via RS485

AllSolus

Gas and Water Monitoring

Utility Water Meter

Water Pump

Water Level

Utility Gas Meter

20kms

4kms

20kms

Next G

Router

PC or Server

SD Card

www.allsolus.com.au

Web Portal

Renewables

- Solar PV
- Wind,
- Hyrdo
- Cogen
- Monitor up to 6192 power generation points

Renewables monitoring
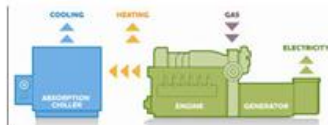
Grid Connect PV

Battery Storage

Wind Generation

Hydro

Solar hot Water

Cogeneration

20kms

20kms

Next G
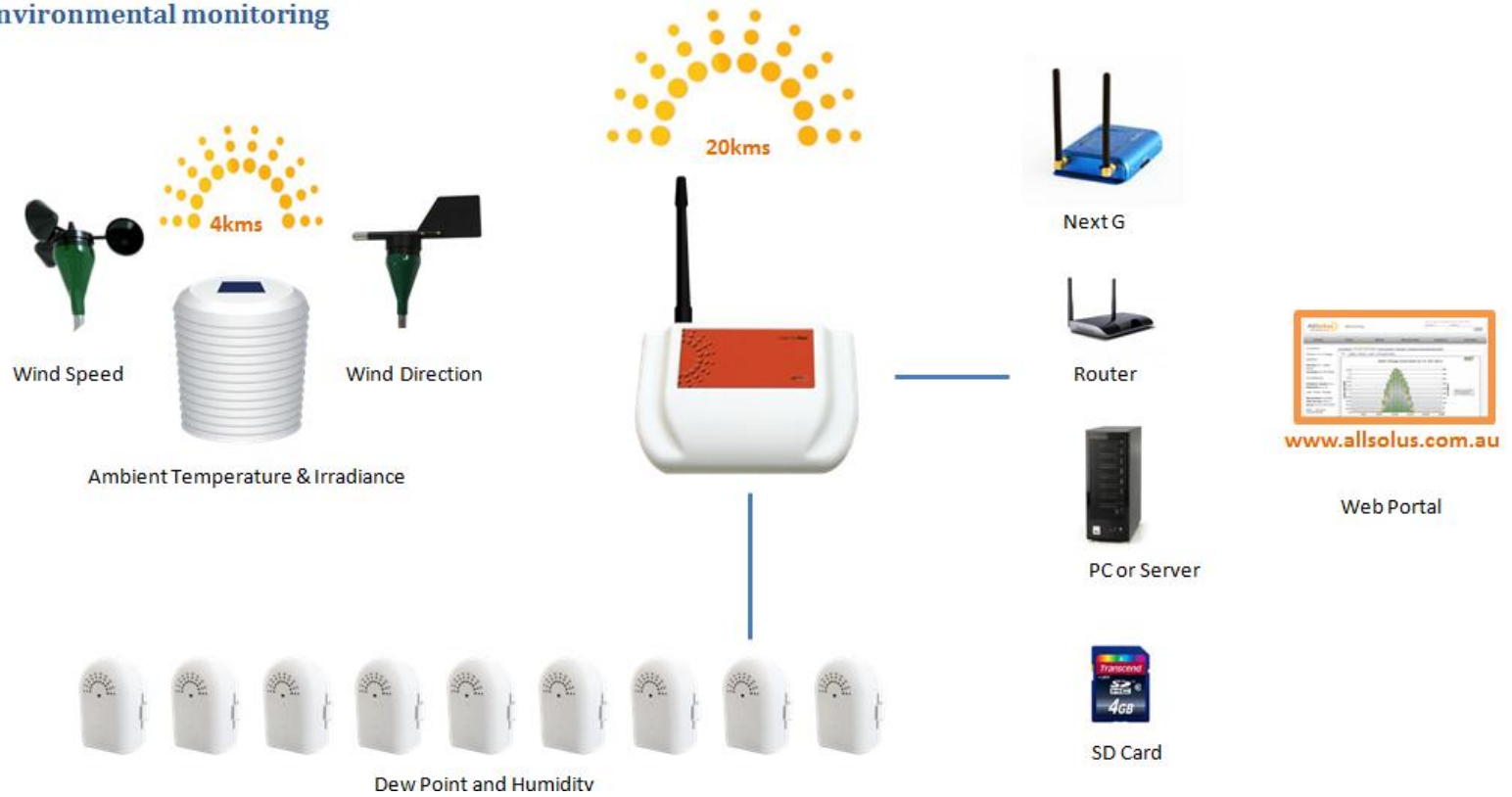
Router

PC or Server

SD Card

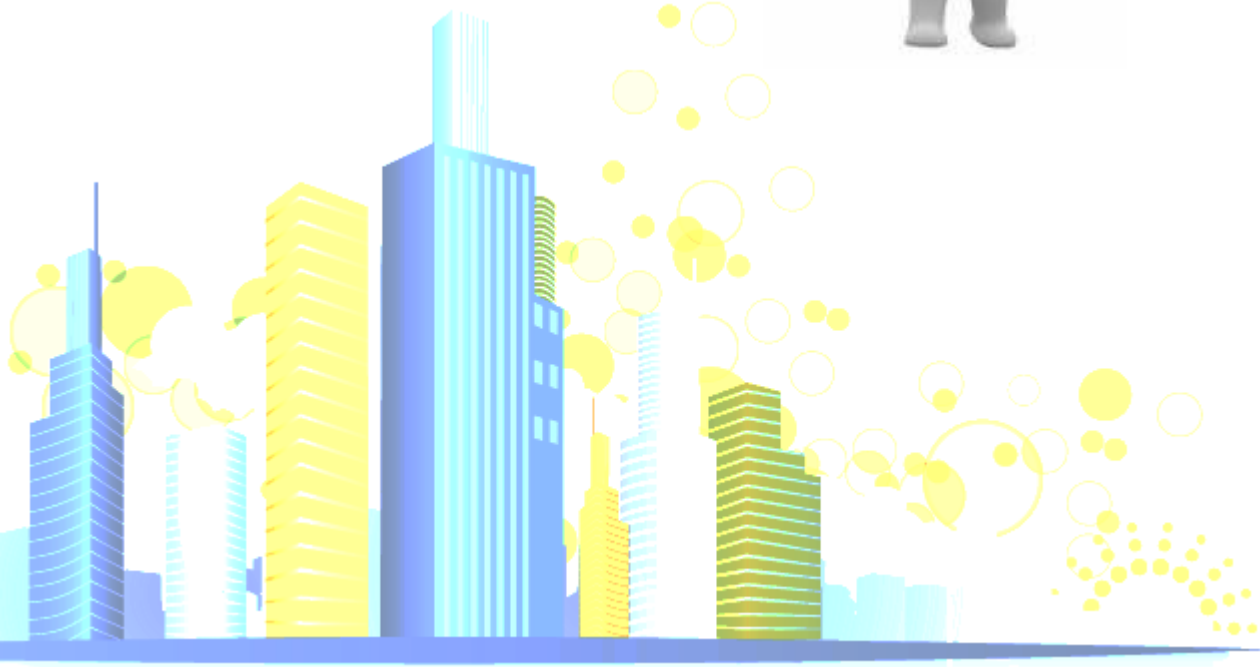www.allsolus.com.au

Web Portal

Environmental conditions

- Wind Speed and Direction
- Ambient air Temperature
- Dew point
- Surface and cell temperature
- Irradiance

AllSolus

Environmental monitoring

4kms

Wind Speed

Wind Direction

Ambient Temperature & Irradiance

20kms

Next G

Router

PC or Server

SD Card

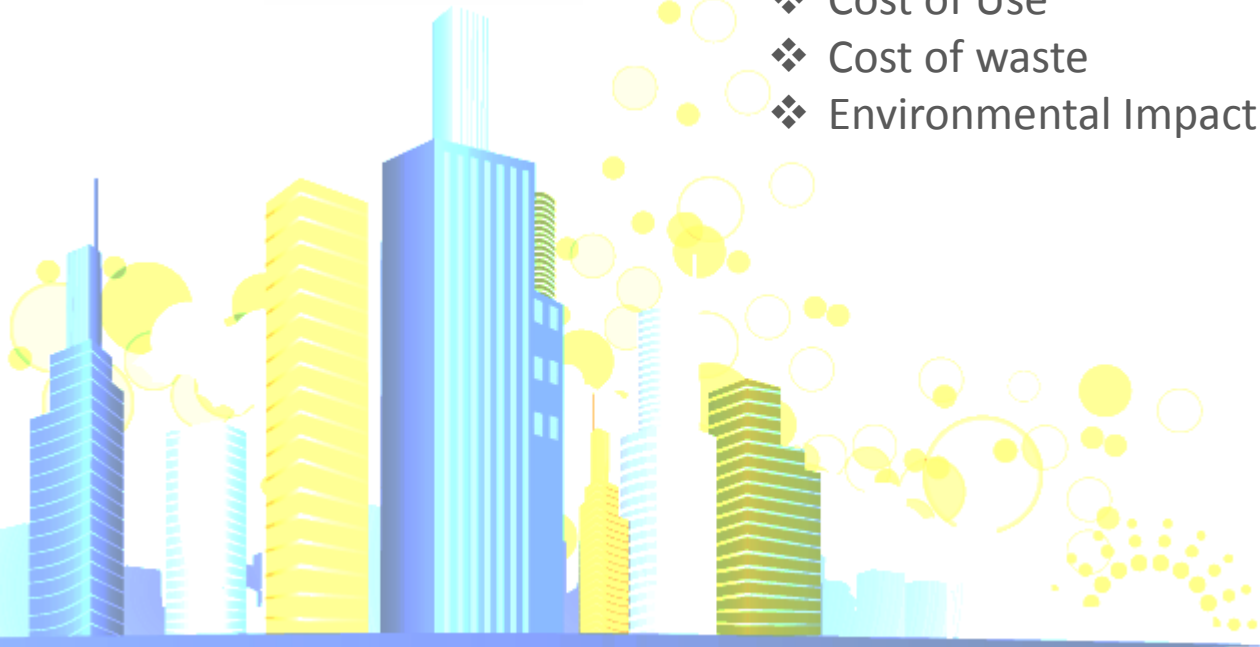www.allsolus.com.au

Web Portal

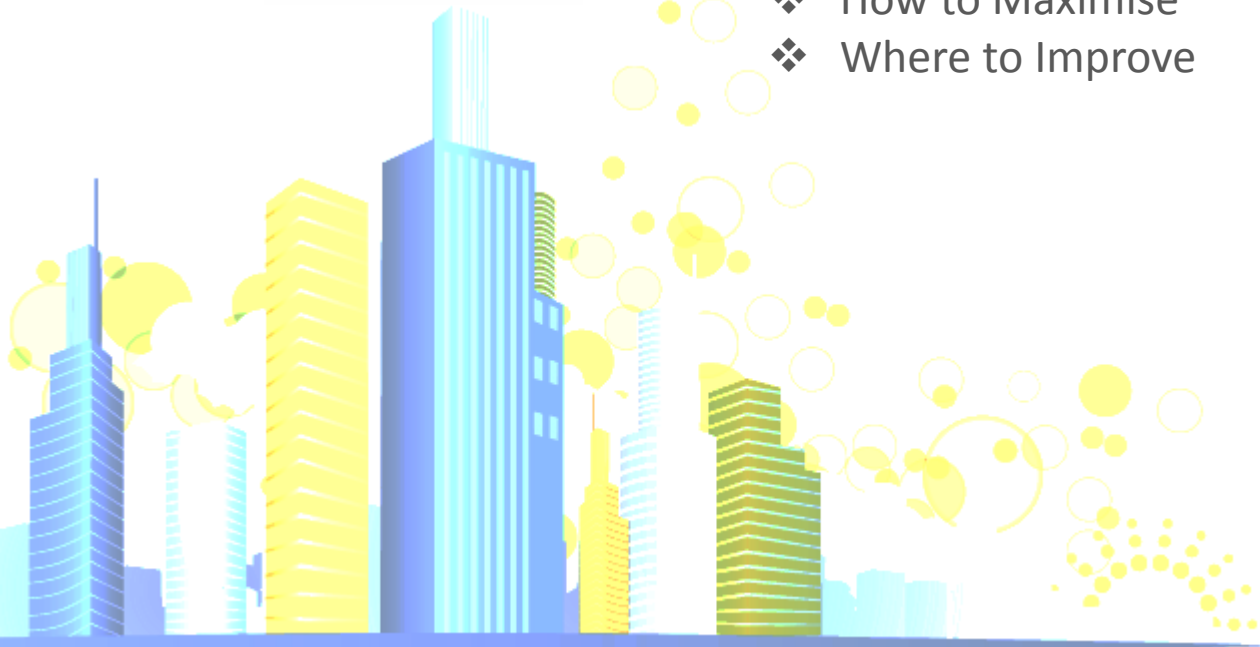Dew Point and Humidity

Why Monitor

Monitor

- ❖ How Much Use
- ❖ How You Use
- ❖ Where You Use
- ❖ Cost of Use
- ❖ Cost of waste
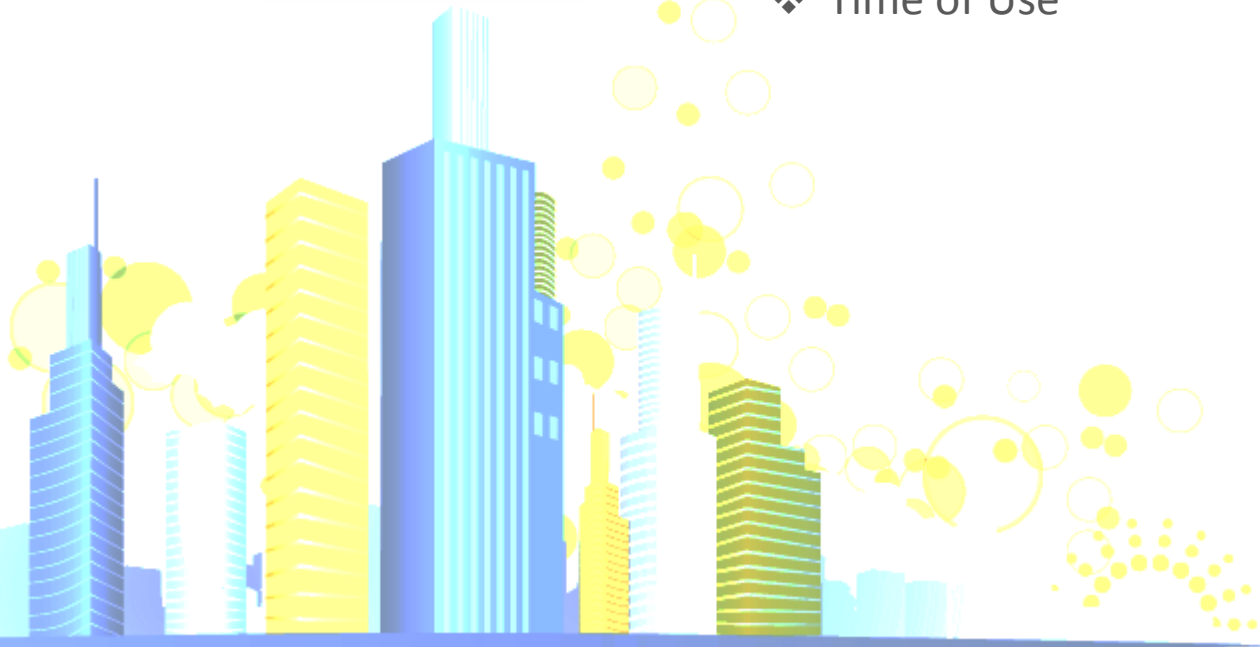- ❖ Environmental Impact

Learn

- ❖ Why You Use
- ❖ How to Reduce
- ❖ Where to Save
- ❖ How to Maximise
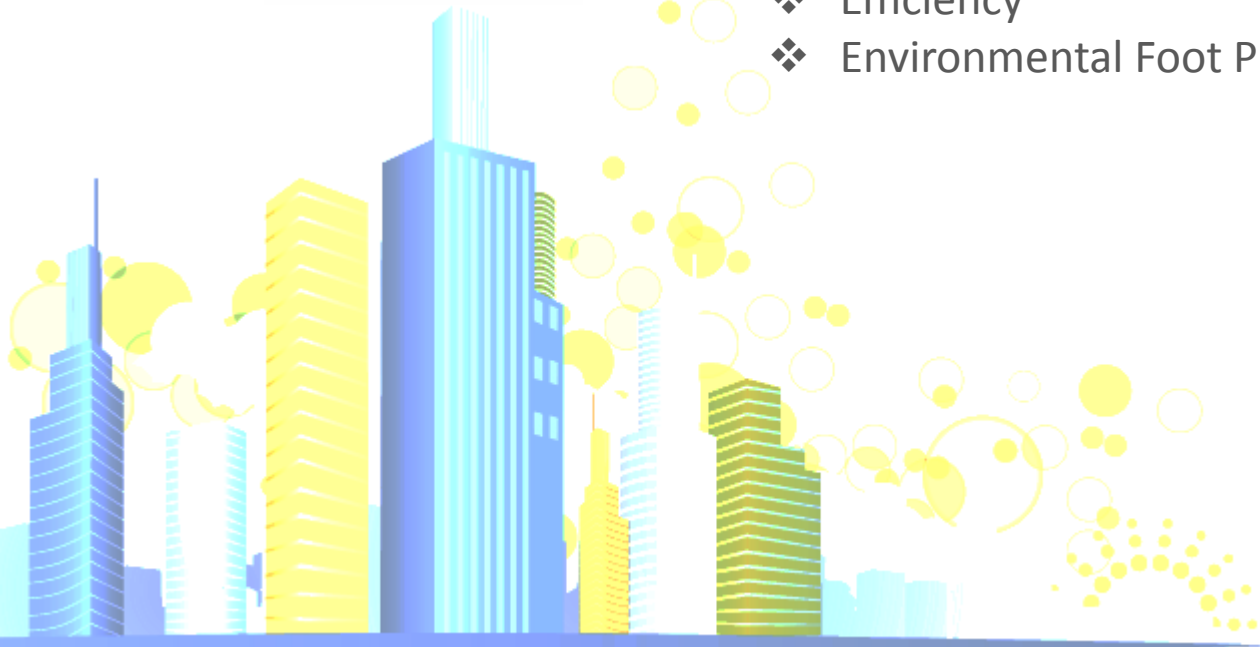- ❖ Where to Improve

Control

- ❖ Utility Costs
- ❖ Usage
- ❖ Waste
- ❖ Time of Use

AllSolus

Improve

- ❖ Utility Costs
- ❖ Renewable Generation ROI
- ❖ Education
- ❖ Efficiency
- ❖ Environmental Foot Print

AllSolus

Reduce Demand Charges
Reduce Consumption
Reduce Costs
Reduce waste
Improve Bottom Line
Improve environmental foot print

Applications

Basic Monitoring
Advanced Metering
Circuit and Equipment Monitoring
Remote Monitoring
Power Generation Monitoring
Environmental Monitoring

Services

- ❖ Consultancy
- ❖ Reporting
- ❖ Installation of Utility monitoring equipment
- ❖ Energy Efficiency measures and installation
- ❖ Utility cost reductions and education
- ❖ General electrical work
- ❖ Renewable Energy Systems
- ❖ Site Service Level agreements