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Power Factor Correction

Power Quality

Energy Solutions

Voltage Optimisation Questionnaire

To help us determine the best solution to match your current circumstances and your requirements, please answer the following questions, It's important that your answers are as accurate as possible. Please note that straightforward Voltage Optimisation may not necessarily be the best solution for your business.

Please supply previous twelve months of electricity bills, kWh & kVAh half hourly consumption data, contract, and tariffs agreements. This should also include rate structure, load usage, kW/kVA, maximum demand and power factor penalty / reactive power tariff.

Company Name

Please provide your company name

Company Address

Please provide your company address

Principal Contact

Please provide the name the main contact for this project

Name:

Position:

Contact Details

Please provide contact details for the above

Telephone:

Mobile:

email:

Business Type

How would you best describe your business activity?

Industrial

Retail

Leisure

Commercial

Data Centre

Residential

Premises Ownership

Please indicate ownership of the site being evaluated.

Freehold

Serviced Leasehold

Repairing Leasehold

Years Remaining

Electricity Supply

| | |
|---|--|
| Is the sites electricity supplied at High or Low Voltage? | |
|---|--|

Supply Transformers

| | |
|--|--|
| Please list number and rating of any supply transformers (if H.V.) | |
| | |
| | |

Power Quality

| | |
|--|-----------------------|
| Would you say there are any issues with the reliability or quality of your electricity supply? | No |
| | Not sure |
| | Yes - being addressed |
| | Yes - To be addressed |

Proposed Load Increases

| | |
|--|------------------------|
| Are you aware of any site expansion or alteration plans that could increase your electricity demand? | No |
| | Not Sure |
| | Yes - (within 5 Years) |
| | Yes - (5 Years +) |

Additional Load

| | |
|--|--|
| If you ticked Yes to the above question, please provide details of additional load | |
|--|--|

Existing Site Voltage

| | | | |
|--|------------|----------|------------|
| If known, please indicate the existing voltage levels on site. | Front End: | Far End: | Volt Drop: |
|--|------------|----------|------------|

Load Characteristics 1

| | | | |
|--|-----------------------------------|---|---|
| Does your site have any Variable Speed Drives? | No Not Sure Plans to Yes | If YES, please indicate % of total load this equates to | % |
|--|-----------------------------------|---|---|

Load Characteristics 2

| | | | |
|---|-----------------------------------|---|---|
| Does your site have any purely resistive loads (heaters, ovens, humidifiers etc)? | No Not Sure Plans to Yes | If YES, please indicate % of total load this equates to | % |
|---|-----------------------------------|---|---|

Load Characteristics 3

| | | | |
|--|----------|---|---|
| Does your site have any High Frequency Lighting? | No | If YES, please indicate % of total load this equates to | % |
| | Not Sure | | |
| | Plans to | | |
| | Yes | | |

Load Characteristics 4

| | | | |
|--|----------|---|---|
| Does your site have any Uninterruptible Power Supplies (U.P.S.)? | No | If YES, please indicate % of total load this equates to | % |
| | Not Sure | | |
| | Plans to | | |
| | Yes | | |

Load Characteristics 5

| | | | |
|--|----------|---|---|
| Does your site operate any co-generation plant (C.H.P. etc)? | No | If YES, please indicate % of total load this equates to | % |
| | Not Sure | | |
| | Plans to | | |
| | Yes | | |

Load Characteristics 6

| | | | |
|--|----------|---|---|
| Does your site have any High Torque loads? | No | If YES, please indicate % of total load this equates to | % |
| | Not Sure | | |
| | Plans to | | |
| | Yes | | |

Load Characteristics 7

| | | | |
|--|----------|---|---|
| Does your site have any specialist Non-European equipment? | No | If YES, please indicate % of total load this equates to | % |
| | Not Sure | | |
| | Plans to | | |
| | Yes | | |

Description

| | |
|--|--|
| Brief description of your sites main loads/process | |
|--|--|

Confirmation

| | | | |
|--|-----------|------|------|
| I confirm that the information above is accurate to the best of my knowledge | | | |
| | Signature | Name | Date |