Customer Name:

Customer Address:
Attn:
Customer Contact Person Title:
Tel:
Cell:
Email:

Ref number:

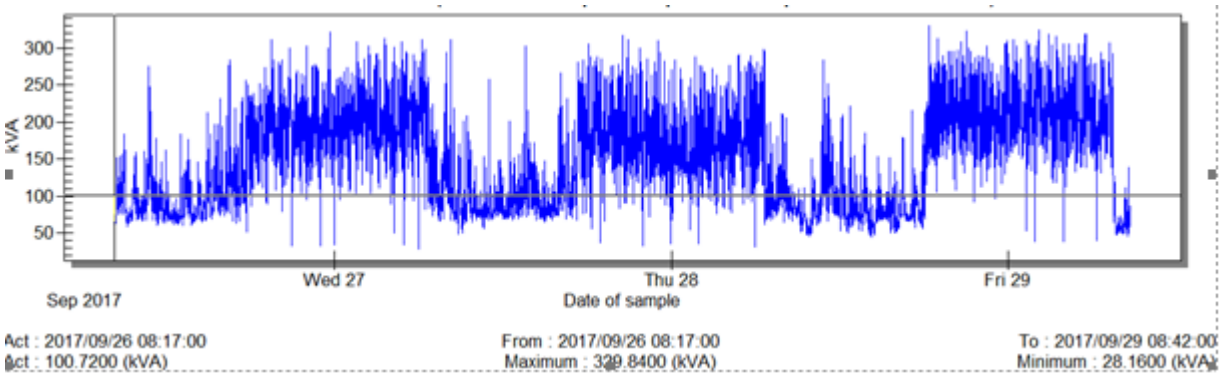
RE: SITE ASSESSMENT FOR (Site address)

We have the pleasure in submitting your site assessment report below:-

1. Generator Sizing

A data analyser was installed at the main distribution board at the above property on (*05/12/17*) and measured electrical energy consumption over a 72 hour period. As part of our proposal we requested that the customer ensure that his major electrical loads are utilized during this time and this report is based on that assumption.

The analyser report:

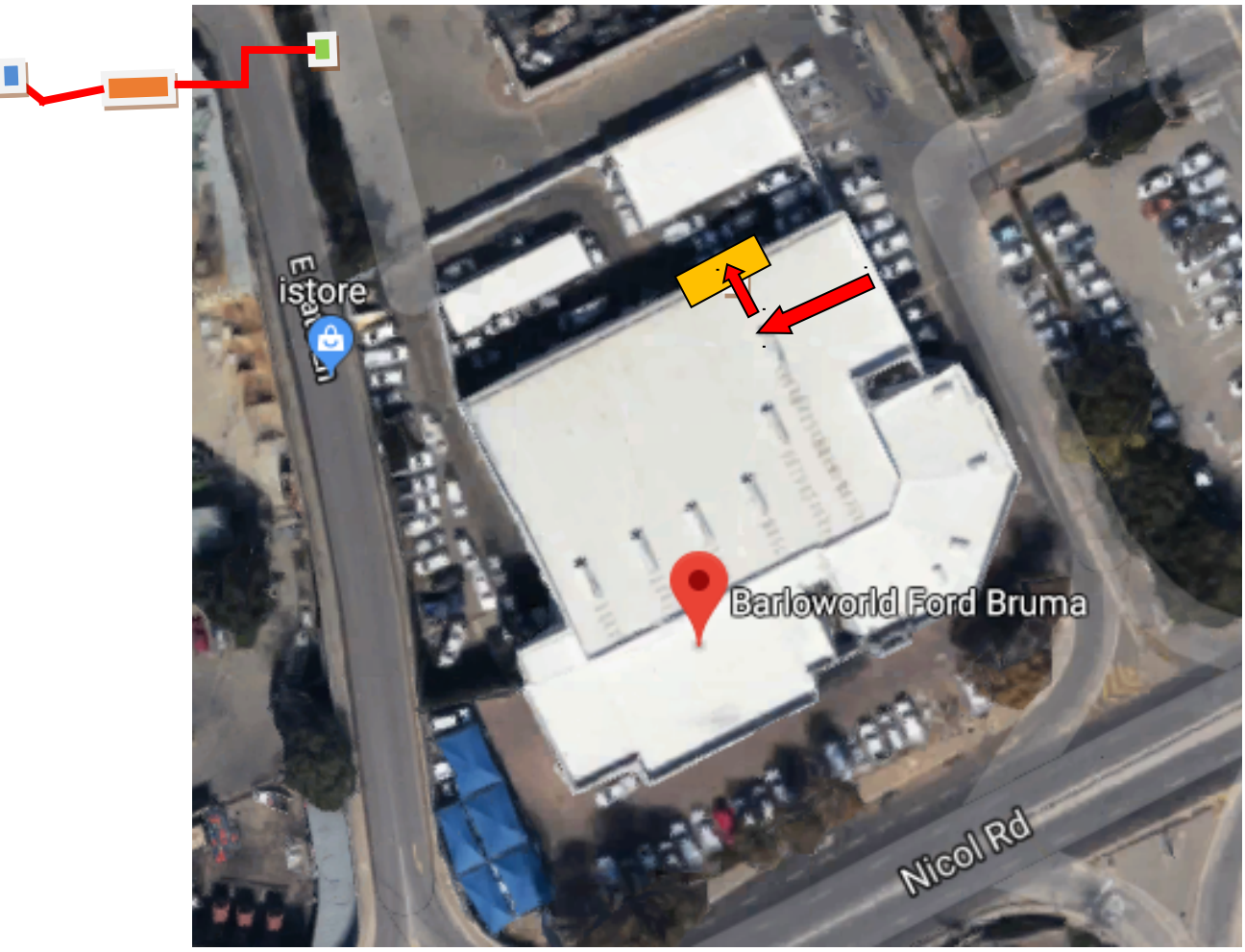


Based on the above information we recommend a 165Kva to provide security of electrical supply during downtimes of your mains electrical supply.

A full data sheet and specification of the recommended generator is attached to this report.

2. Generator Layout and Proposed Installation

A Google Earth plan / Drawing of the above property is provided below.



Main distribution board.
Main utilities incoming panel.
Proposed generator location.
Proposed cable routing.

We propose that the generator is located in the parking area of the property, supplied on a trailer. The proposed generator location will allow sufficient room to open the access doors on both sides to allow safe maintenance and fuel filling.

- The generator is acoustically attenuated and the noise levels at 1m from the perimeter of the generator will be 74 dba which complies with local and legal requirements.
- The generator will be placed into position by Barloworld Power as it is on a trailer, it will however be transported to site on a truck.
- 2x50mmx4core SWA cables will be installed from the main utilities incoming panel to the generator Automatic Changeover Switch (ATS). This will involve terminating the cables at the panel and ATS. The Cables will be run on 200mm cable ladder which will be mounted on the wall before entering the building to the Main Distribution board.
- 2x50mmx4core SWA cables will be installed from the ATS to the main distribution panel. This will involve terminating the cables at the panel and ATS. The Cables will be run on 200mm cable ladder which will be mounted on the wall before entering the building to the Main Distribution board.

- After installation the generator will need to be filled with fuel, we recommend we quote for the first fill and properly commissioned to check safe and reliable operation. A certificate of compliance will need to be provided confirming safe and proper installation in accordance with all local and legal requirements for work that was carried out by BWP.

3. Proposal

A full proposal or quote has been prepared and has been attached to this report for the suggested generator layout and proposed installation described in section 2. Please feel free to contact your sales representative whose details are on the quote should you require any clarifications or changes to our suggested layout and proposed installation.

Best Regards.
Barloworld Power Site Assessor