

Service Engineer Site Report

Customer:	Arqiva	Site: Haverford West
Engineer(s):	AG, AB, BMG GW	Site Contact: Arqiva Staff
Job Type:	Replace Generator	Serial Number: XO142A/001

Date	Start	Finish	Travel time	Mileage
10.06.19-15.06.19	07:00	19:00	8hrs x 2	

Details of work carried out:

Generator replacement, supplied a temporary hire generator to support site, Switch mains into By-pass and remove existing change over system, Supply and install a new ATI250amp changeover Socomec unit and re-wire to mains and load using existing cables. Connect temporary hire generator and test changeover, Disconnected old generator, load cables removed from panel, control cables removed from panel, Generator was skated using machine skates and positioned onto rear of trailer with the use of a turfer. New AJ Power AJ110 open generator was skated from trailer into generator room, old generator removed from site for disposal.

New generator was secured to concrete base, New HO& single core cable was installed from generator to new ATI, New control swa cables were installed. New CAT 5E cables installed from generator into switch room for Data minor connected and tested at generator.

Gen Circuit breaker adjusted to 50% 200amps.

pre-commissioning checks were carried out and generator was run off load. Generator was tested using a resistive load bank. Battery charger and engine heater operating, all alarms operating and checked back to SMC. Temporary generator removed from switchboard and new generator connected, Building load test carried out to prove change over system. Inlet louvre Failed and Requires replacing.(left open)

Generator Details:

AJ Power ENG-AJ110S-5P1, 230v 50Hz 62Kva Single Phase

Serial No XO142A/001

Engine Perkins 1104

Serial No RS51175U677127E

Alternator Meccalite

Serial No 2149246

Control Panel Deep sea 7410

Before.





Engineer: Andy Glen/Andy brown/Brendan McGuinness

Date: 15.06.19