



# Electricity Capacity Report

**Premier House  
Daux Road  
Billingshurst**

**15/02/2024**

PES PROJECT NO.

**XXXXXX**

ISSUE NO.

**1**

STATUS

**For Information**

**Utility Search**  
Electricity Capacity Report



# 1. Introduction

This report investigates the electricity capacity status in and around the proposed development at Daux Road, Billingshurst.

The report is based on the information provided by the client about the proposed development and data available from utility companies. The information contained in this report is based solely on desk research undertaken on 15.02.24.

## 2. Electricity Capacity Status

The electricity network companies referred to in this report are.

- Scottish and Southern Electricity Networks (SSEN), a Distribution Network Operator (DNO)

### 2.1. Distribution substations.

Distribution substations are sited close to local load centres and transform electricity from High Voltage (HV) to Low Voltage (LV). Whilst most are Ground Mounted (GM), in rural locations they can be sited on poles and are termed Pole Mounted Transformers (PMT).

In general, a GM substation can have a maximum capacity of 1MVA, although many are smaller, and can serve up to 500 customers. PMT's have much smaller capacities. It is sometimes possible to connect smaller new loads directly to an existing distribution substation.

### 2.2. Primary Substations.

Primary substations transform electricity from Extra High Voltage (EHV) to HV.

There is one primary substation within the vicinity of the site, see Map 1. The local area is currently supplied from the Billingshurst Primary substation. The current capacity situation at the primary substation is summarised below.

Primary Substation	Operator	Current capacity	Headroom
Billingshurst	SSEN	10 MVA	2.1 MVA

All DNO's have to publish a Long-Term Development Statement (LTDS), which forecast the anticipated network capacity and headroom based on a range of load growth scenarios.

## 3. Enquiries from other applicants

It should also be noted that there have been numerous enquiries for connection in this area with 2 applications totalling 3.6 MVA.



## 4. Summary


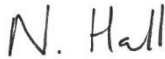
From information currently available we have assessed the risk associated with a new connection as;

Network Headroom	
<b>Green</b>	There is 2MVA of electrical capacity in the local electricity network

Competing enquiries	
<b>Red</b>	There are a few other applicants enquiring about capacity in this area.

Electricity networks are dynamic systems with new connections and system development changing the available headroom and capacity regularly. Therefore, it must be clearly understood that the information given in this report is a snapshot in time and could be superseded. It is strongly recommended that formal applications are made to accurately determine the likely timescale and costs.

## 5. Report Approval

	Prepared by	Approved by
<b>Signature</b>		
<b>Name</b>	Tom Coulson	Nigel Hall
<b>Role</b>	Mapping & Data Manager	Director
<b>Date</b>	15.2.24	15.2.24

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





Certificate Number 6206



# BILLINGSHURST

**CABLE ROUTE LENGTH:  
1.9 km**

## KEY

-  PRIMARY SUBSTATION
-  NO CAPACITY
-  LIMITED CAPACITY
-  CAPACITY TO SERVE SITE
-  CABLE ROUTE
-  SITE BOUNDARY

## NOTES

Network Capacity information from SSEN  
Data correct as of 15.02.24  
Distances given are approximate

- The information provided on this map about the electricity capacity status is based on data provided by the incumbent utility companies. Information given in this report is correct at the time of issuing and may be superseded at any time.
- The information on this plan is given without obligation or warranty. No liability of any kind whatsoever is accepted by Premier Energy Services Ltd, its agents or servants for any errors or omissions.

REV	REVISION DETAILS	DATE
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## Electricity Capacity Status

PROJECT: **PREMIER HOUSE,  
DAUX ROAD, BILLINGSHURST**

CLIENT: **SAMPLE MAP**

DRAWING STATUS: **FOR INFORMATION**

DRAWN BY: TC      CHECKED BY: NH      APPROVED BY: NH

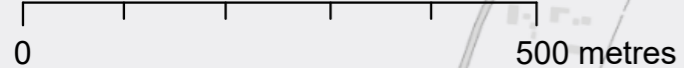
DATE: 15.02.2024      SCALE: Not to Scale

DRAWING NUMBER:      REVISION:

SHEET 1 of 1



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