EAST PARK ENERGY

East Park Energy

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Preliminary Environmental Information Report

Volume 2 – Technical Appendices

Appendix 10-4: Noise Contour Mapping – Operational Phase

September 2024

Version 01

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1.0 NOISE CONTOUR MAPPING – OPERATIONAL PHASE

1.1 Introduction

1.1.1 This Appendix presents the noise contour mapping for each modelled Scenario of the operational phase, including daytime and night-time mapping.

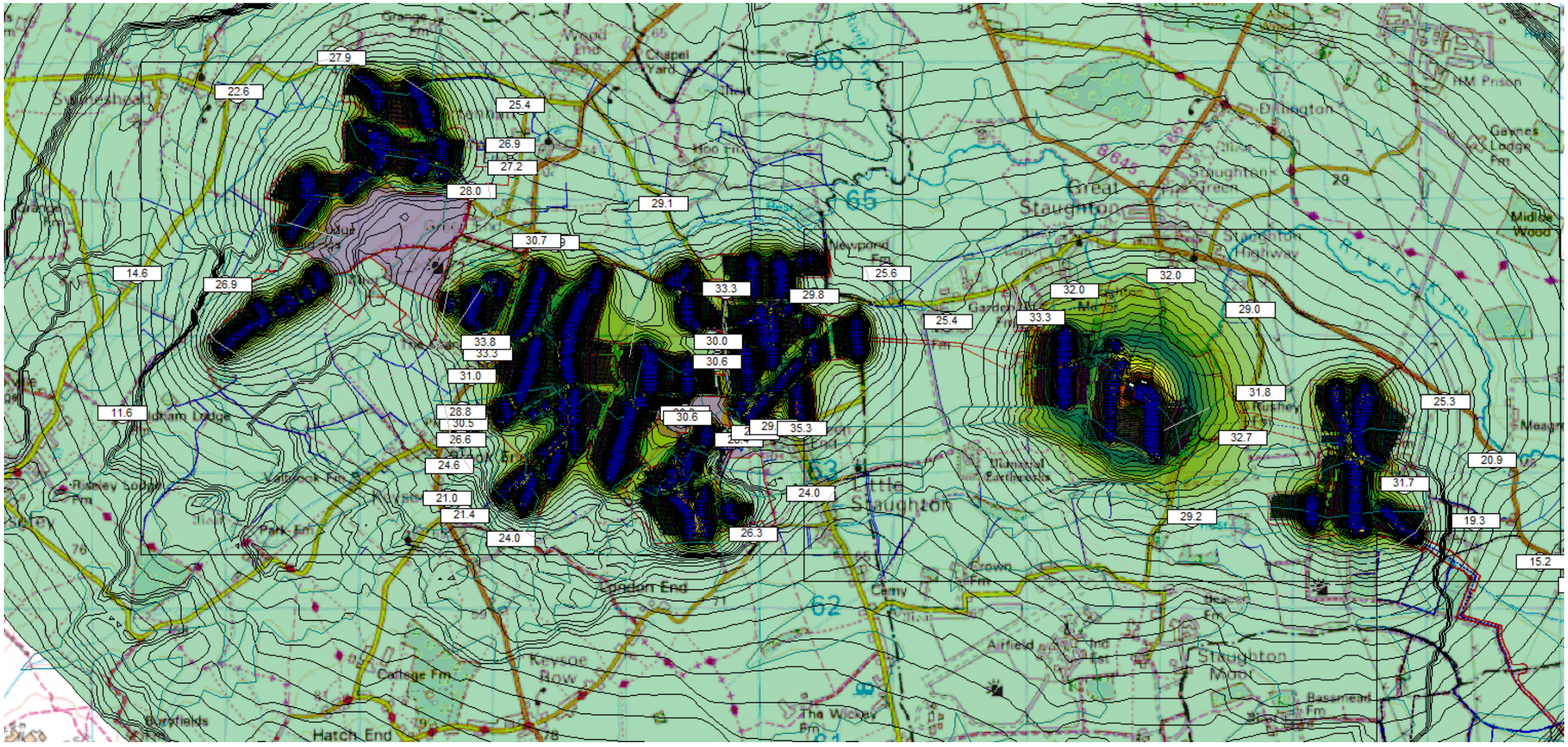
1.1.2 Noise contour mapping is presented for the following:

- Scenario A – Option 1 Solar, BESS and Substation layout with String Inverters;
- Scenario B – Option 1 Solar, BESS and Substation layout with Centralised Inverters;
- Scenario C – Option 2 Solar, BESS and Substation layout with String Inverters; and
- Scenario D – Option 2 Solar, BESS and Substation layout with Centralised Inverters.

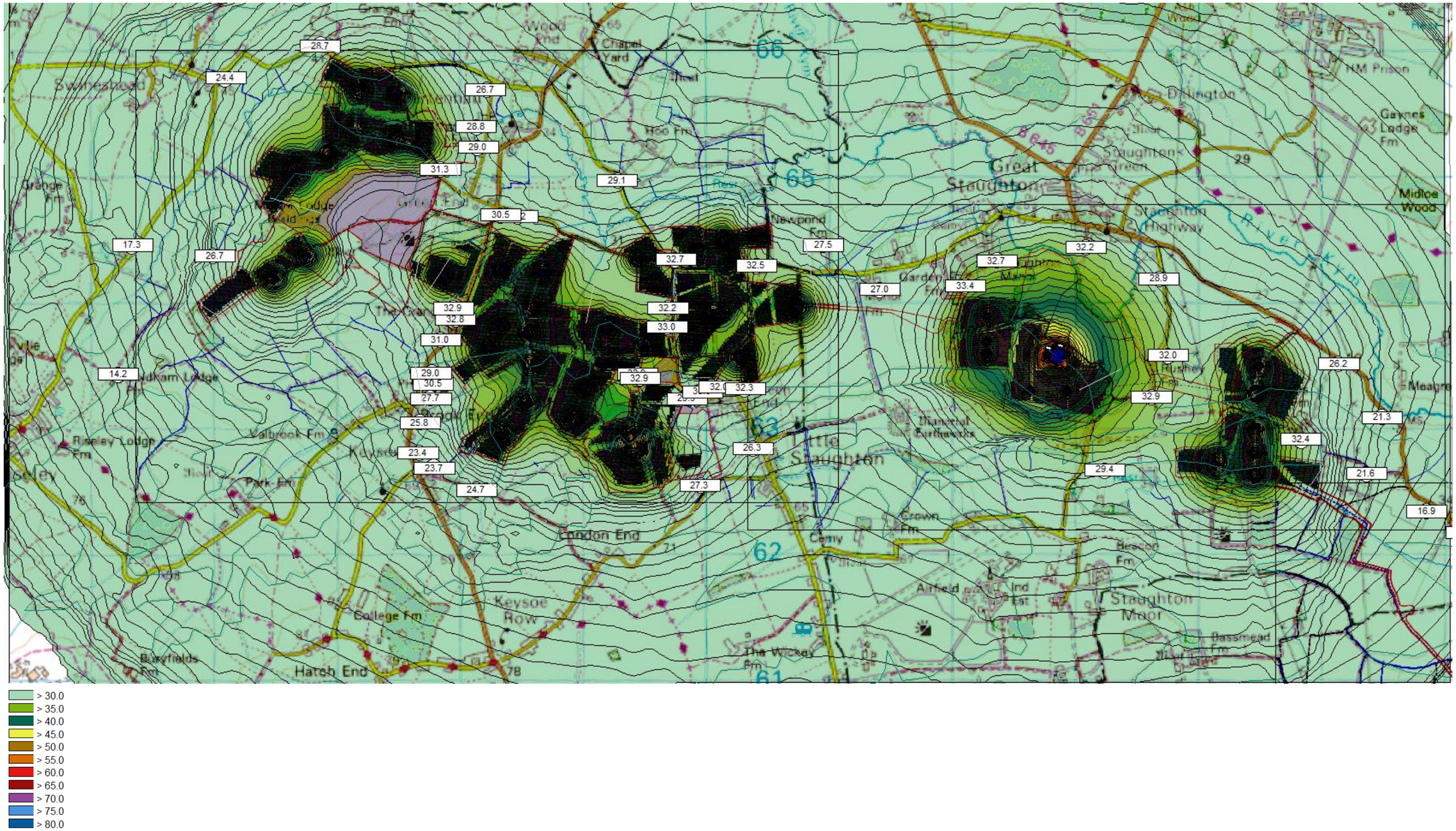
1.1.3 In addition, noise contour mapping is presented for:

- Night-time operations – Option 1 BESS and Substation layout; and
- Night-time operations – Option 2 BESS and Substation layout.

1.2 Scenario A (0500-2300 hours) – Option 1 Solar, BESS and Substation layout with String Inverters



1.3 Scenario B (0500-2300 hours) – Option 1 Solar, BESS and Substation layout with Centralised Inverters



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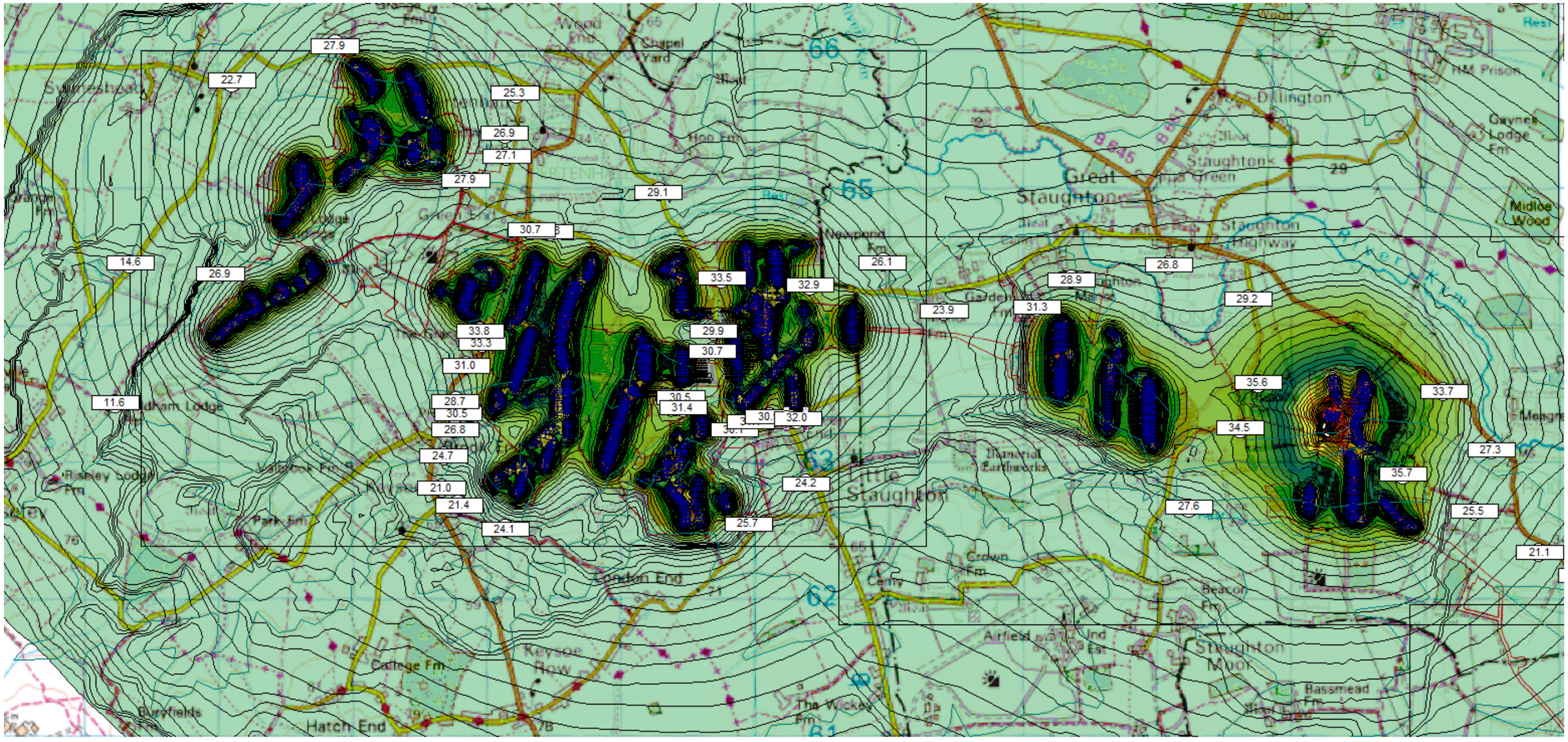
- > 35.0
- > 40.0
- > 45.0
- > 50.0
- > 55.0
- > 60.0
- > 65.0
- > 70.0
- > 75.0
- > 80.0

1.4 Scenario C (0500-2300 hours) – Option 2 Solar, BESS and Substation layout with String Inverters



- > 30.0
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- > 55.0
- > 60.0
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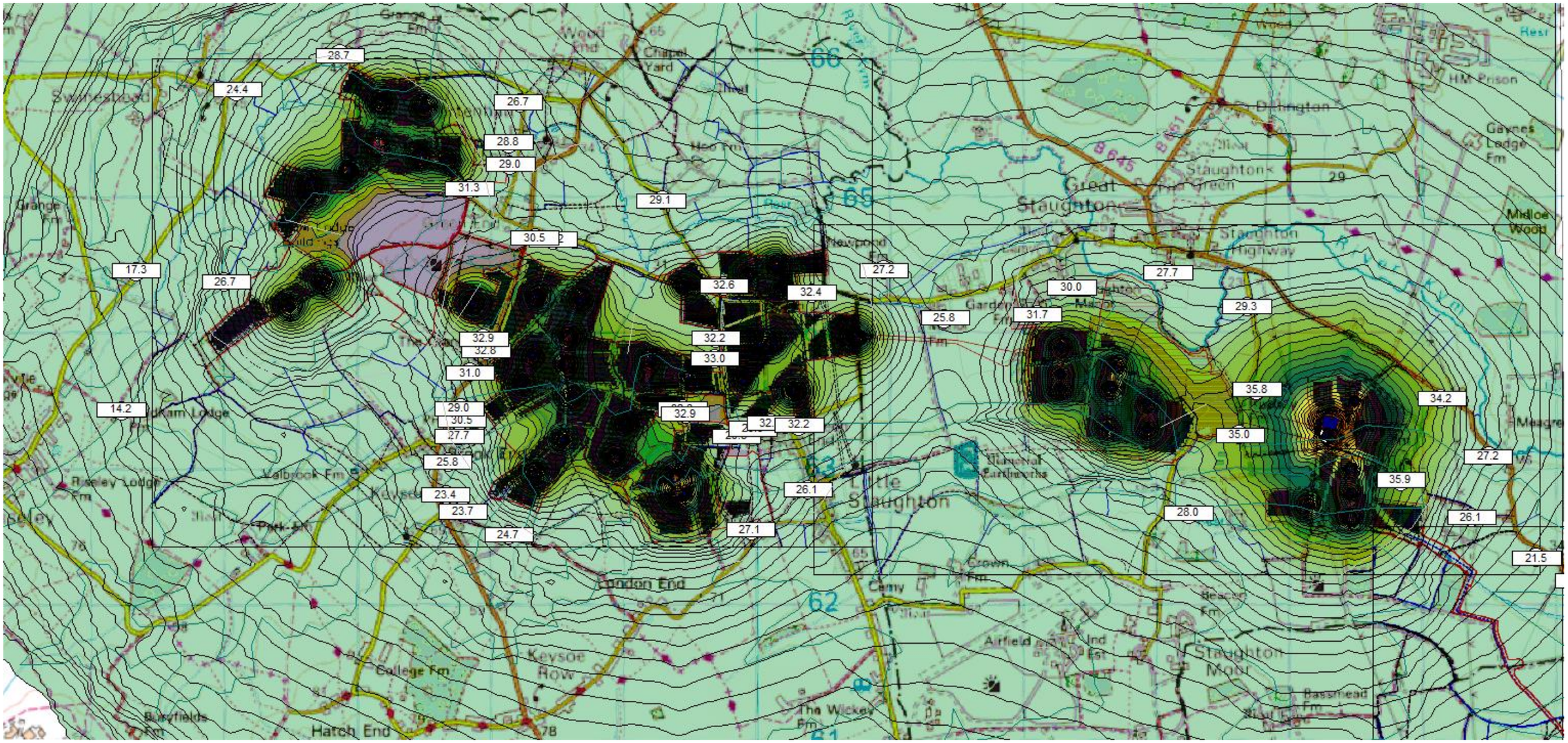
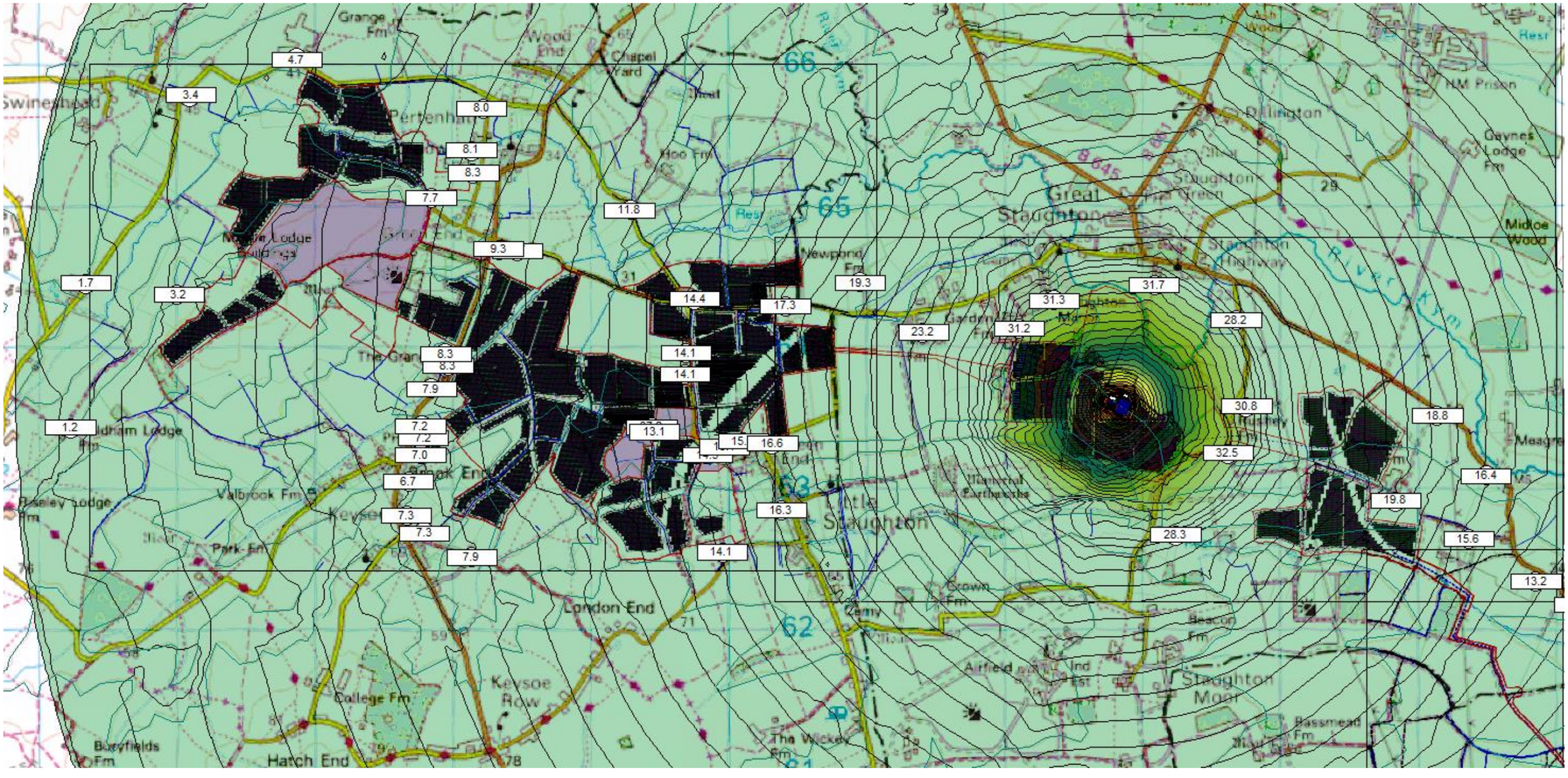
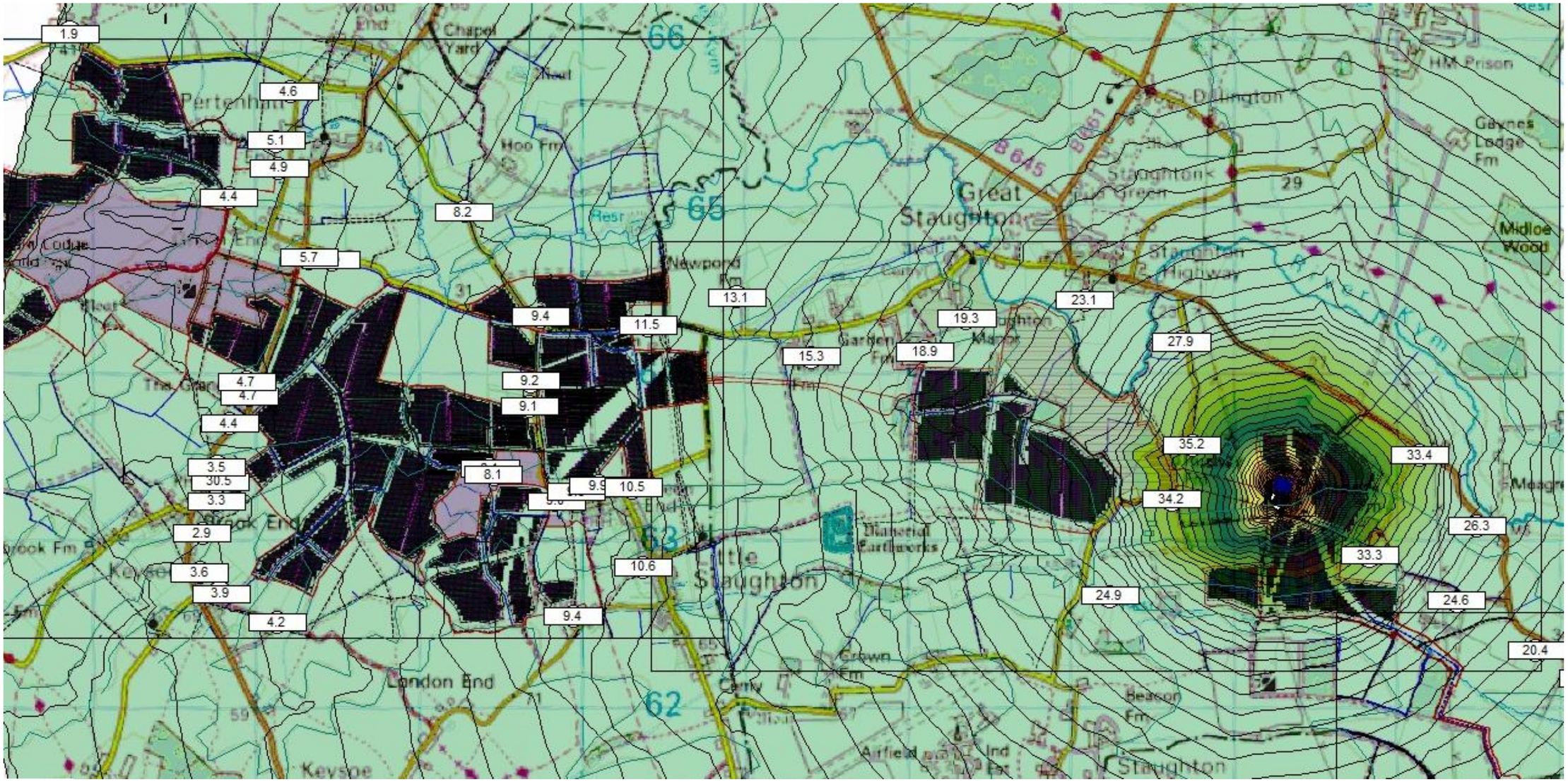
- > 80.0

1.5 Scenario D (0500-2300 hours) – Option 2 Solar, BESS and Substation layout with Centralised Inverters



1.6 Night-time operations (2300-0500 hours) – Option 1 BESS and Substation layout



1.7 Night-time operations (2300-0500 hours) – Option 2 BESS and Substation layout