



**EFFICIENCY**  
 EL gross: 29.4%  
 EL net: 26.8%  
 R1: >75.0%

**GRID POWER (UK) Ltd.**  
 34 STATION ROAD  
 POOLE, BH14 8UD  
 UK

**Rev: 0**

**Designer:** I. Vitovic  
**Designer Co.:** A. Pivnick  
**Major Designer:** V. Pivnick  
**Audite:** I. Kovacs  
**Design company:** ENERCON  
 10 000 Zupnik, Croatia

**Project No.:** P041-22-80  
**Phase:** Basic design  
**Project type:** Mechanical engineering project

**Investor:** GRID POWER (UK) Ltd.  
**Building:** 2 x 25 MWh, 13.6 MWeI - EW  
**Location:** Houghton Main

**Drawn by:** P041-22-80-090  
**Scale:**  
**Date:** October 2022

**SCALE - FULL**

**SCALE - EMPTY**

**Fuel throughput:** 7.75 t/h

**Flue gas quantity:** 60,100 Nm<sup>3</sup>/h

**Flue gas composition**

Flue gas composition	DRY	WET
N <sub>2</sub>	0.80	0.86
H <sub>2</sub> O	0.00	0.15
CO <sub>2</sub>	0.13	0.11
SO <sub>2</sub>	0.00	0.02
O <sub>2</sub>	0.07	0.02
<b>Total</b>	<b>1.00</b>	<b>1.00</b>