



APPENDIX 12-6

**MET MAST INSTALLATION
REPORT**

CLIENT:

Enerco Energy

PROJECT NAME:

Slieve Grine

OUR REF NO:

DS4062.1

DATE OF ISSUE:

24.03.2026

PREPARED BY:

Philip Dermody

PROJECT DETAILS:

80m Met Mast Installation



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Works Log

Works Detail	Date of Completion	Job Reference	Document Revision
Mast Install	24.03.2026	DS 4062.1	1.0

Scheduled Maintenance

To ensure the longevity of your installation and the equipment installed, Data Structures advise that all SLX temporary Met Masts fall into our client’s Planned, Preventative Maintenance (PPM) schedule.

Completion of the inspection is advised prior to each winter season.

Site Location and Information

Site Details

Item	Information
Client	Enerco Energy
Client point of contact name	Thomas Scanlon
Client point of contact phone number	+ 353 863 495 170
Client point of contact email address	thomas.scanlan@turnkeydev.com
Site entrance co-ordinates (degrees/mins/sec)	N 52° 01' 21.52" W 007° 43' 41.82" https://maps.app.goo.gl/jw7KYX7dhPnB98dB8
Mast Location co-ordinates (degrees/mins/sec)	N 52° 01' 50.8" W 007° 44' 08.1" https://maps.app.goo.gl/PW2o8fG7N78qw1Vg7



Mast Location information

Item	Detail
Degrees/min/sec)	N 52° 01' 50.8" W 007° 44' 08.1" https://maps.app.goo.gl/PW2o8fG7N78qw1Vg7
Latitude/Longitude (decimal)	Latitude: 52.030778 Longitude: -7.735583
Irish Grid	X 18194 86526
ITM(x,y)	218194, 086526
Mast Elevation	216m
GPS Accuracy	3m
Magnetic Declination	-1° 37' W
Declination	Negative West
Inclination	66°40'
Magnetic Field Strength	49067.0 nT

Panoramic Photographs Top of Mast

Direction	Pictures
45°	

Direction	Pictures
90°	

Direction	Pictures
135°	

Direction	Pictures
180°	

Direction	Pictures
225°	

Direction	Pictures
270°	

Direction	Pictures
315°	

Direction	Pictures
360°	

Sensor Details

Note: All sensor heights provided are taken from ground level.

Sensor #1 Details

Type	Length (mm)	Diameter (mm)	Upstand Height (mm)	Upstand Diameter (mm)	Orientation in degrees (°)	Structure width (mm)	Installation date
Top Boom	1250	33	875	33	315	60	24.03.2026

ID	Type	Manufacturer	Model	Serial Number	Installation Height	North Point Orientation	Installation Date
AN1	Anemometer	Thies	4.3352.10.000	05257978	79.945m	N/A	24.03.2026

Calibration certificate number	Calibration date	Slope value on calibration certificate	Offset value on calibration certificate	Slope value applied	Offset value applied	Installation date
253838	19.05.2025	0.046045	0.222325	0.046045	0.222325	24.03.2026

Sensor #2 Details

Type	Length (mm)	Diameter (mm)	Upstand Height (mm)	Upstand Diameter (mm)	Orientation in degrees (°)	Structure width (mm)	Installation date
Top boom	1250	33	875	33	135	60	24.03.2026

ID	Type	Manufacturer	Model	Serial Number	Installation Height	North Point Orientation	Installation Date
AN2	Anemometer	Thies	4.3352.10.000	05257979	79.945m	N/A	24.03.2026

Calibration certificate number	Calibration date	Slope value on calibration certificate	Offset value on calibration certificate	Slope value applied	Offset value applied	Installation date
253839	19.05.2025	0.045947	0.237272	0.045947	0.237272	24.03.2026

Sensor #3 Details

Type	Length (mm)	Diameter (mm)	Upstand Height (mm)	Upstand Diameter (mm)	Orientation in degrees (°)	Structure width (mm)	Installation date
Boom	2700	33	865	33	315	500	24.03.2026

ID	Type	Manufacturer	Model	Serial Number	Installation Height	North Point Orientation	Installation Date
AN3	Anemometer	Thies	4.3352.10.000	05258241	64.785m	N/A	24.03.2026

Calibration certificate number	Calibration date	Slope value on calibration certificate	Offset value on calibration certificate	Slope value applied	Offset value applied	Installation date
253681	15.05.2025	0.045981	0.221847	0.045981	0.221847	24.03.2026

Sensor #4 Details

Type	Length (mm)	Diameter (mm)	Upstand Height (mm)	Upstand Diameter (mm)	Orientation in degrees (°)	Structure width (mm)	Installation date
Boom	2700	33	865	33	135	500	24.03.2026

ID	Type	Manufacturer	Model	Serial Number	Installation Height	North Point Orientation	Installation Date
AN4	Anemometer	Thies	4.3352.10.000	05258276	64.605m	N/A	24.03.2026

Calibration certificate number	Calibration date	Slope value on calibration certificate	Offset value on calibration certificate	Slope value applied	Offset value applied	Installation date
253720	16.05.2025	0.045999	0.212551	0.045999	0.212551	24.03.2026

Sensor #5 Details

Type	Length (mm)	Diameter (mm)	Ustand Height (mm)	Ustand Diameter (mm)	Orientation in degrees (°)	Structure width (mm)	Installation date
Boom	2700	33	865	33	315	500	24.03.2026

ID	Type	Manufacturer	Model	Serial Number	Installation Height	North Point Orientation	Installation Date
AN5	Anemometer	Thies	4.3352.10.000	05258293	49.75m	N/A	24.03.2026

Calibration certificate number	Calibration date	Slope value on calibration certificate	Offset value on calibration certificate	Slope value applied	Offset value applied	Installation date
253737	16.05.2025	0.045903	0.236385	0.045903	0.236385	24.03.2026

Sensor #6 Details

Type	Length (mm)	Diameter (mm)	Ustand Height (mm)	Ustand Diameter (mm)	Orientation in degrees (°)	Structure width (mm)	Installation date
Boom	2700	33	865	33	135	500	24.03.2026

ID	Type	Manufacturer	Model	Serial Number	Installation Height	North Point Orientation	Installation Date
AN6	Anemometer	Thies	4.3352.10.000	05258294	48.735m	N/A	24.03.2026

Calibration certificate number	Calibration date	Slope value on calibration certificate	Offset value on calibration certificate	Slope value applied	Offset value applied	Installation date
253738	16.05.2025	0.046108	0.199140	0.046108	0.199140	24.03.2026

Sensor #7 Details

Type	Length (mm)	Diameter (mm)	Upstand Height (mm)	Upstand Diameter (mm)	Orientation in degrees (°)	Structure width (mm)	Installation date
Boom	2700	33	865	33	315	500	24.03.2026

ID	Type	Manufacturer	Model	Serial Number	Installation Height	North Point Orientation	Installation Date
AN7	Anemometer	Thies	4.3352.10.000	05258295	34.775m	N/A	24.03.2026

Calibration certificate number	Calibration date	Slope value on calibration certificate	Offset value on calibration certificate	Slope value applied	Offset value applied	Installation date
253739	16.05.2025	0.046026	0.216206	0.046026	0.216206	24.03.2026

Sensor #8 Details

Type	Length (mm)	Diameter (mm)	Upstand Height (mm)	Upstand Diameter (mm)	Orientation in degrees (°)	Structure width (mm)	Installation date
Boom	2700	33	865	33	315	500	24.03.2026

ID	Type	Manufacturer	Model	Serial Number	Installation Height	North Point Orientation	Installation Date
AN8	Anemometer	Thies	4.3352.10.000	05258296	10.06m	N/A	24.03.2026

Calibration certificate number	Calibration date	Slope value on calibration certificate	Offset value on calibration certificate	Slope value applied	Offset value applied	Installation date
253740	16.05.2025	0.045888	0.234118	0.045888	0.234118	24.03.2026

Sensor #9 Details

Type	Length (mm)	Diameter (mm)	Upstand Height (mm)	Upstand Diameter (mm)	Orientation in degrees (°)	Structure width (mm)	Installation date
Boom	2700	33	860	33	315	500	24.03.2026

ID	Type	Manufacturer	Model	Serial Number	Installation Height	North Point Orientation	Installation Date
VN1	Wind Vane	Thies	4.3151.00.901	05254442	75.83m	135	24.03.2026

Calibration certificate number	Calibration date	Slope value on calibration certificate	Offset value on calibration certificate	Slope value applied	Offset value applied	Installation date
2551242	28.05.2025	N/A	N/A	N/A	N/A	24.03.2026

Sensor #10 Details

Type	Length (mm)	Diameter (mm)	Upstand Height (mm)	Upstand Diameter (mm)	Orientation in degrees (°)	Structure width (mm)	Installation date
Boom	2700	33	860	33	315	500	24.03.2026

ID	Type	Manufacturer	Model	Serial Number	Installation Height	North Point Orientation	Installation Date
VN2	Wind Vane	Thies	4.3151.00.901	05254443	60.57m	135	24.03.2026

Calibration certificate number	Calibration date	Slope value on calibration certificate	Offset value on calibration certificate	Slope value applied	Offset value applied	Installation date
2551241	28.05.2025	N/A	N/A	N/A	N/A	24.03.2026

Sensor #11 Details

Type	Length (mm)	Diameter (mm)	Upstand Height (mm)	Upstand Diameter (mm)	Orientation in degrees (°)	Structure width (mm)	Installation date
Boom	2700	33	860	33	315	500	24.03.2026

ID	Type	Manufacturer	Model	Serial Number	Installation Height	North Point Orientation	Installation Date
VN3	Wind Vane	Thies	4.3151.00.901	05254444	45.70m	135	24.03.2026

Calibration certificate number	Calibration date	Slope value on calibration certificate	Offset value on calibration certificate	Slope value applied	Offset value applied	Installation date
2551250	28.05.2025	N/A	N/A	N/A	N/A	24.03.2026

Sensor #12 Details

Type	Length (mm)	Diameter (mm)	Upstand Height (mm)	Upstand Diameter (mm)	Orientation in degrees (°)	Structure width (mm)	Installation date
On Mast Leg	N/A	N/A	N/A	N/A	135	500	24.03.2026

ID	Type	Manufacturer	Model	Serial Number	Installation Height	North Point Orientation	Installation Date
TRH1	Temp/ Humid	Galltec	KPC1S/6-ME-Q60	302548/2525	5m	N/A	24.03.2026

Calibration certificate number	Calibration date	Slope value on calibration certificate	Offset value on calibration certificate	Slope value applied	Offset value applied	Installation date
N/A	N/A	N/A	N/A	N/A	N/A	24.03.2026

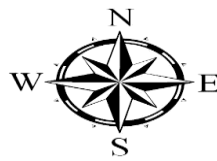
Sensor #13 Details

Type	Length (mm)	Diameter (mm)	Upstand Height (mm)	Upstand Diameter (mm)	Orientation in degrees (°)	Structure width (mm)	Installation date
In Logger Box	N/A	N/A	N/A	N/A	N/A	500	24.03.2026

ID	Type	Manufacturer	Model	Serial Number	Installation Height	North Point Orientation	Installation Date
P1	Barometer	Ammonit	3.1157.10.500	08220132	1.5m	N/A	24.03.2026

Calibration certificate number	Calibration date	Slope value on calibration certificate	Offset value on calibration certificate	Slope value applied	Offset value applied	Installation date
N/A	N/A	N/A	N/A	N/A	N/A	24.03.2026

Mast Alignment



Panoramic Photographs Bottom of Mast

Direction	Pictures
45°	

Direction	Pictures
90°	

Direction	Pictures
135°	

Direction	Pictures
180°	

Direction	Pictures
225°	

Direction	Pictures
270°	

Direction	Pictures
315°	

Direction	Pictures
360°	

Data Acquisition Systems

ID	Type	Manufacturer	Model	Serial Number	Installation Height (m)	Installation date
Data Logger	Meteo	Ammonit	Meteo 40M	D223186	1.5m	24.03.2026
Logger Battery	12V80AH	CTM	80-12	N/A	1.5m	24.03.2026
Solar Panel	175W	Victron Energy	SPM041501200	N/A	Ground Level	24.03.2026
Solar Charge Controller	Solarix PRS	Steca	Solarix PRS	N/A	1.5m	24.03.2026

ACWL Set Up Details

ID	Type	Manufacturer	Model	Serial Number	Installation Height (m)	Installation date
ACWL	Red Flashing	Delta	WL S-10	N/A	80m	24.03.2026

Additional Comments:

All sensors live and recording.

Additional Images

