



Westmill Solar Park

Quarterly Report Graphs - Q3 & Q4 2018, Q1 2019

Issue and Revision Record

Revision	Date	Originator	Checker	Approver	Narrative
V1.0	14/05/2019	FUAMU	SAFOS	RST	Issue

Disclaimer

This document has been prepared for the titled project or named part thereof and should not be relied upon or used for any other project without an independent check being carried out as to its suitability and prior written authority of RINA Consulting being obtained. RINA Consulting accepts no responsibility or liability for the consequence of this document being used for a purpose other than those for which it was commissioned. Any person using or relying on the document for such other purpose will by such use or reliance be taken to confirm his agreement to indemnify RINA Consulting for all loss or damage resulting therefrom. RINA Consulting accepts no responsibility or liability for this document to any party other than the person by whom it was commissioned.

As provided for in RINA Consulting's proposal, to the extent that this report is based on information supplied by other parties, RINA Consulting accepts no liability for any loss or damage suffered by the client, whether contractual or, stemming from any conclusions based on data supplied by parties other than RINA Consulting and used by RINA Consulting in preparing this report.

Contents

1	Quarterly Generation – Q3 & Q4 2018, Q1 2019	4
2	Monthly Generation and Irradiation	7
2.1	Q3 2018.....	7
2.2	Q4 2018.....	8
2.3	Q4 2018.....	10

1 Quarterly Generation – Q3 & Q4 2018, Q1 2019

Table 1: Generation by month Q3 2018

Month	RINA theoretical expected yield (kWh)	Adjusted RINA expected yield (kWh)	Actual generation (kWh)	Delta actual vs expected (%)	Delta actual vs adjusted (%)
Jul	587,955	778,296	758,378	29.0%	-2.6%
Aug	519,623	550,275	584,237	12.4%	6.2%
Sep	443,667	494,780	530,138	19.5%	7.1%
Q3 2018 Total	1,551,244	1,823,351	1,872,752	20.7%	2.7%
Q3 2017 Total	1,557,618	1,521,385	1,558,626	0.1%	2.4%

Table 2: Generation by month Q4 2018

Month	RINA theoretical expected yield (kWh)	Adjusted RINA expected yield (kWh)	Actual generation (kWh)	Delta actual vs expected (%)	Delta actual vs adjusted (%)
Oct	308,894	362,417	390,020	26.3%	7.6%
Nov	176,148	188,007	204,328	16.0%	8.7%
Dec	129,654	111,860	121,912	-6.0%	9.0%
Q4 2018 Total	614,696	662,283	716,260	16.5%	8.2%
Q4 2017 Total	617,226	627,242	633,403	2.6%	1.0%

Table 3: Generation by month Q1 2019

Month	RINA theoretical expected yield (kWh)	Adjusted RINA expected yield (kWh)	Actual generation (kWh)	Delta actual vs expected (%)	Delta actual vs adjusted (%)
Jan	182,178	151,314	168,264	-7.6%	11.2%
Feb	265,289	326,405	330,969	24.8%	1.4%
Mar	387,269	421,956	447,007	15.4%	5.9%
Q1 2019 Total	834,736	899,675	946,240	13.4%	5.2%
Q1 2018 Total	838,171	767,726	789,064	-5.9%	2.8%

Figure 1: Monthly generation Q3 2018

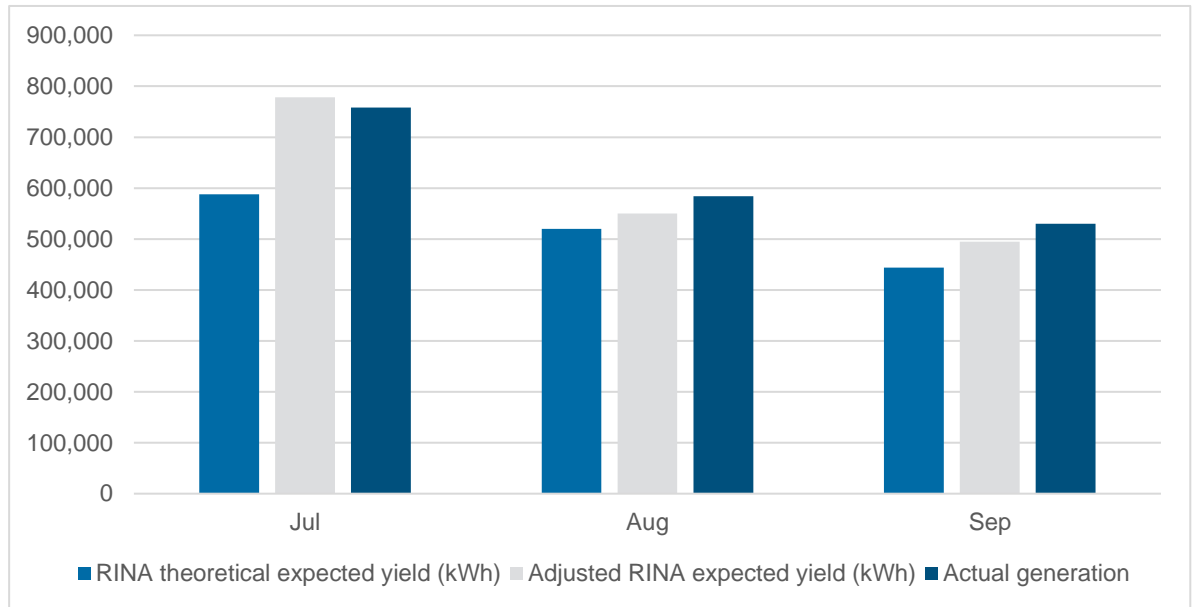


Figure 2: Monthly generation Q4 2018

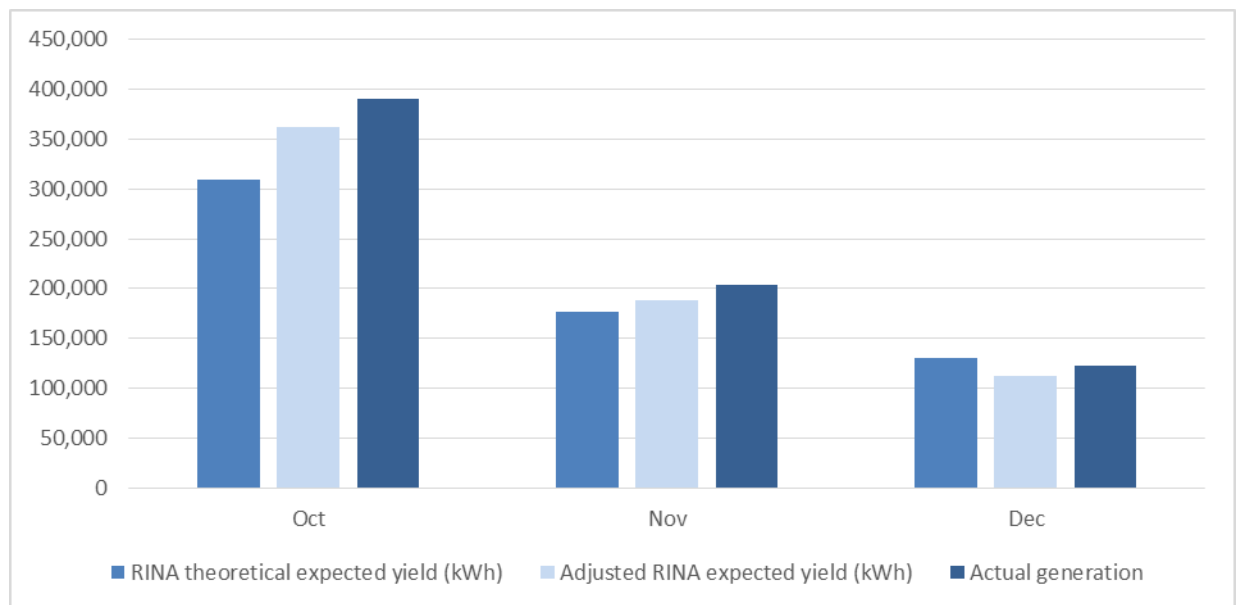
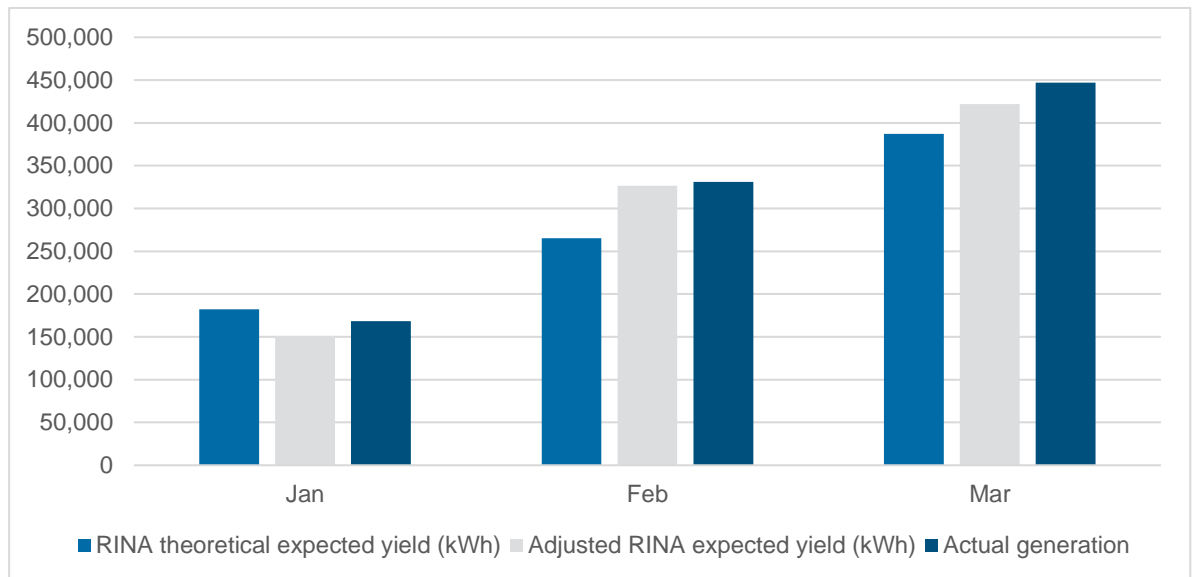


Figure 3: Monthly generation Q1 2019



2 Monthly Generation and Irradiation

2.1 Q3 2018

Figure 4: Irradiation Vs Generation Jul 2018

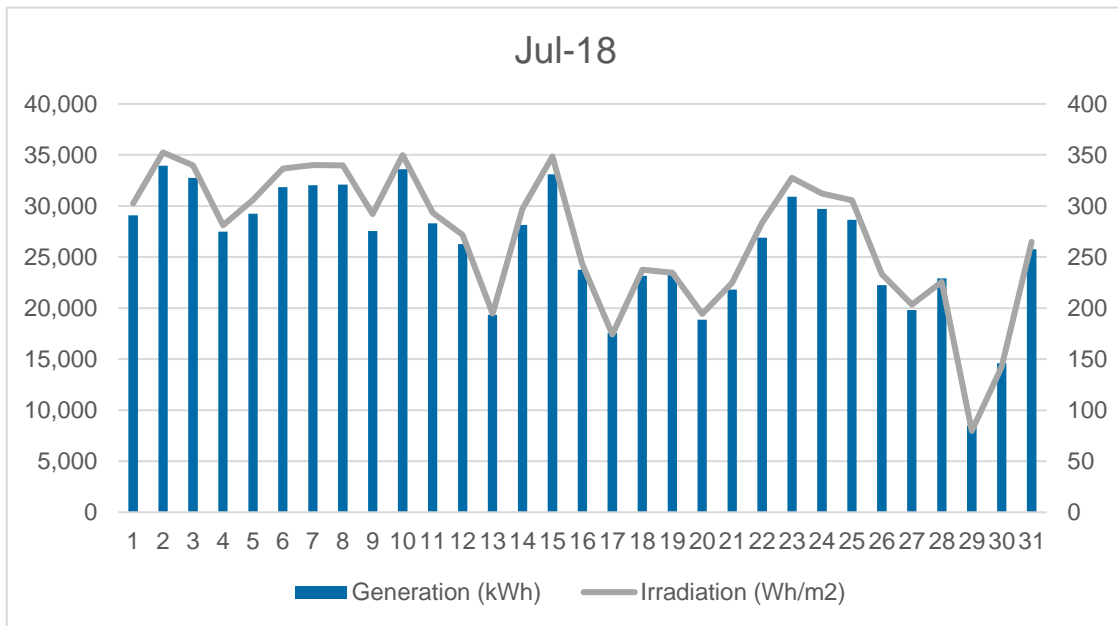


Figure 5: Irradiation Vs Generation Aug 2018

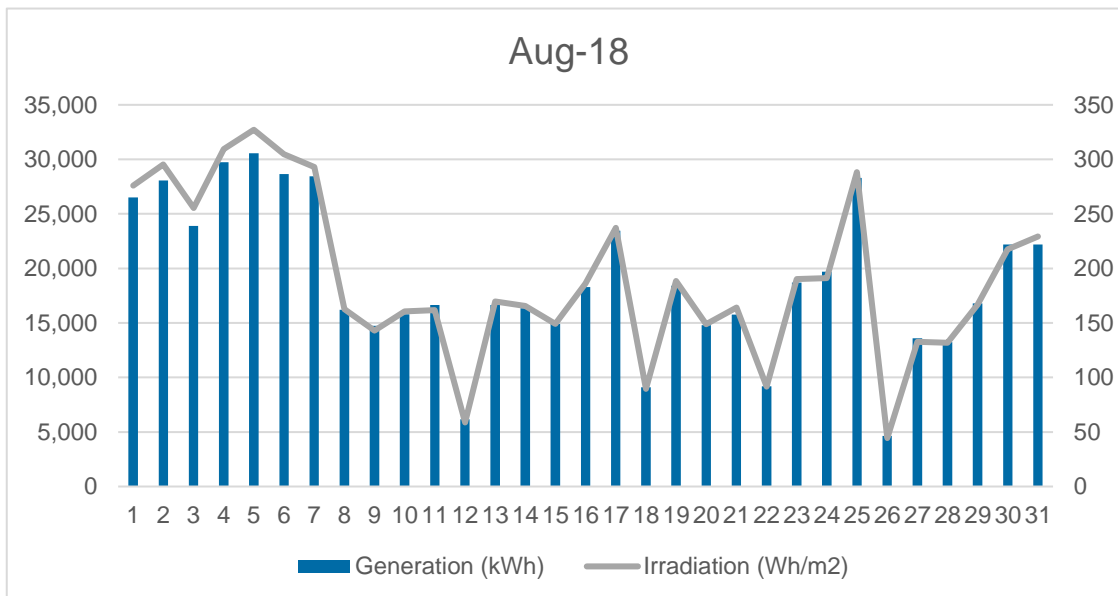
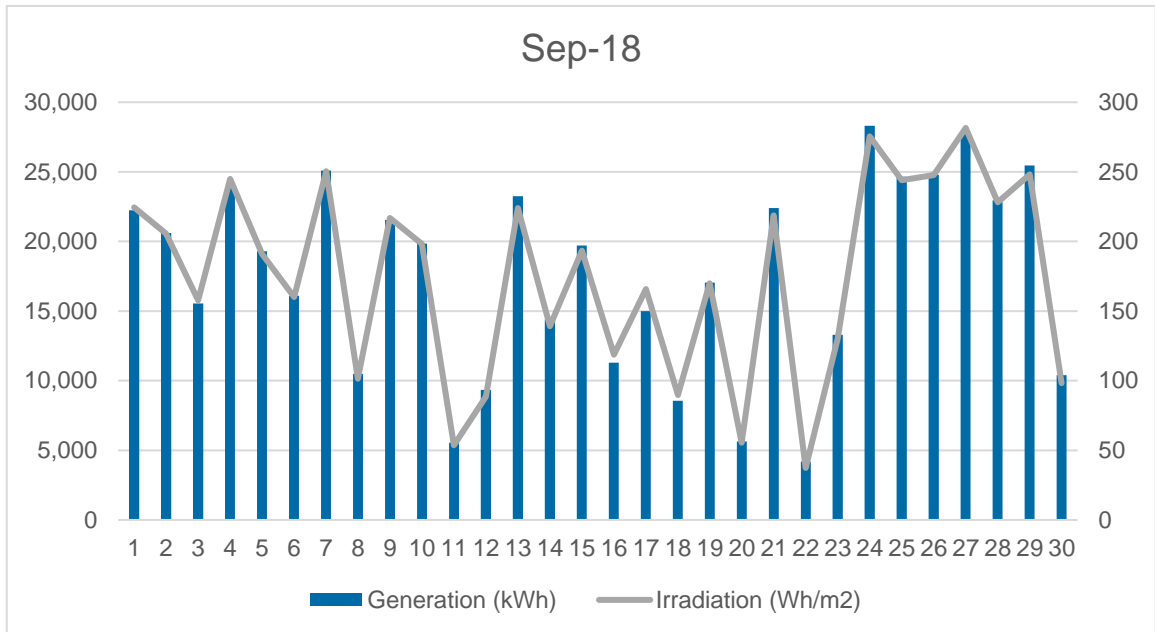


Figure 6: Irradiation Vs Generation Sep 2018



2.2 Q4 2018

Figure 7: Irradiation Vs Generation Oct 2018

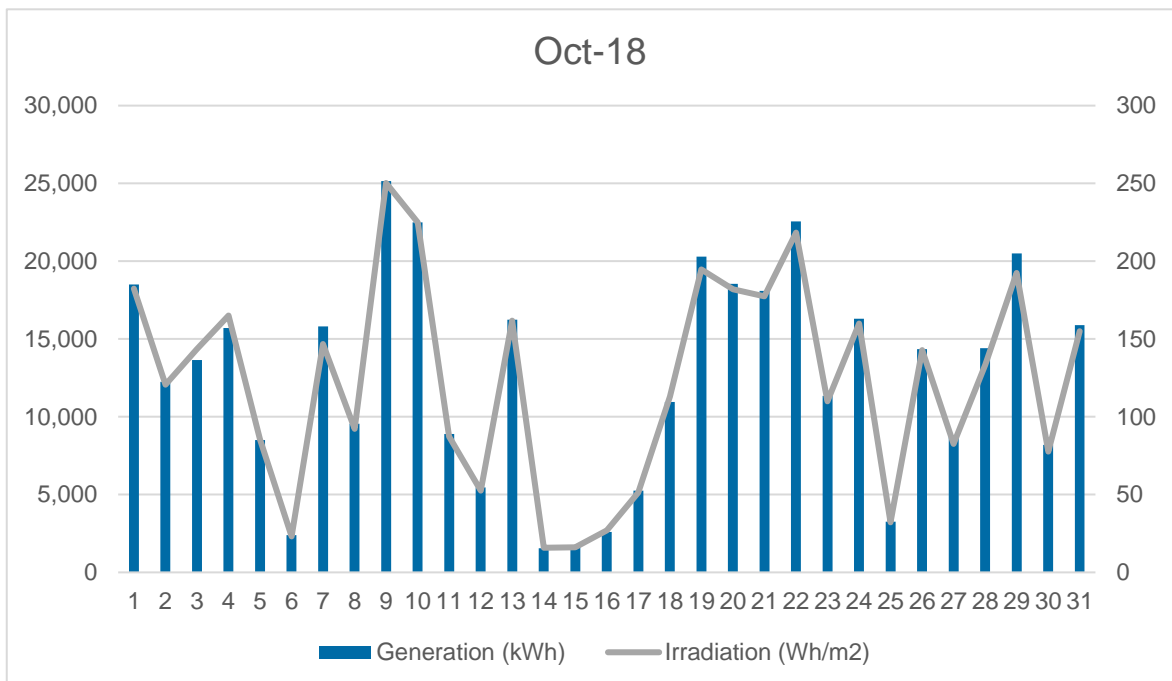


Figure 8: Irradiation Vs Generation Nov 2018

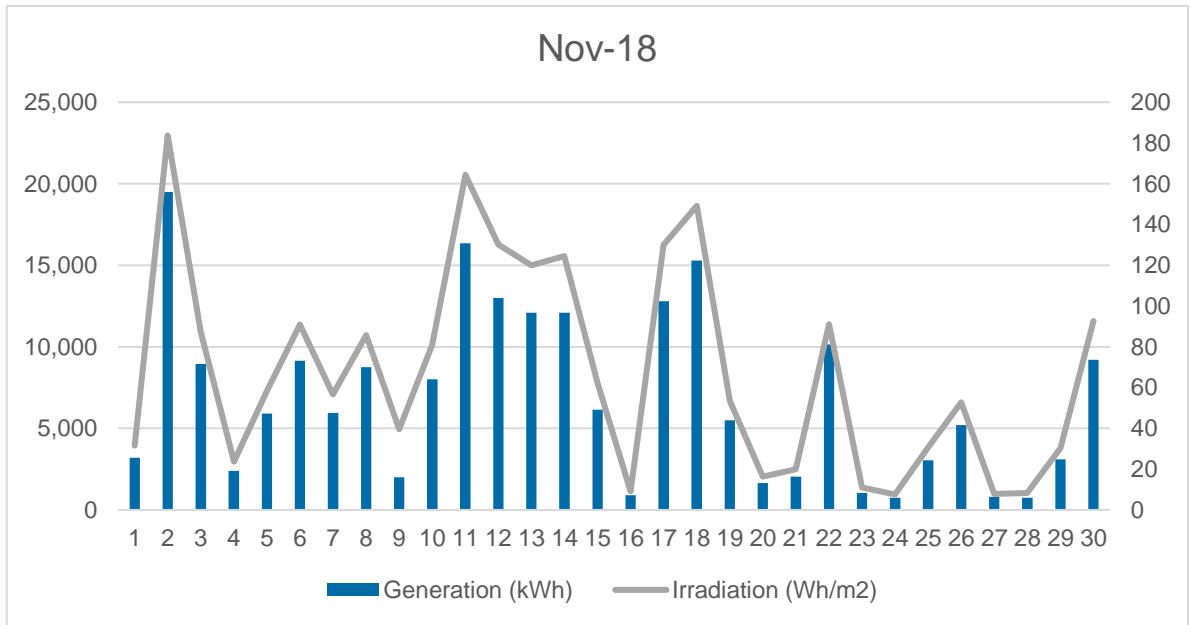
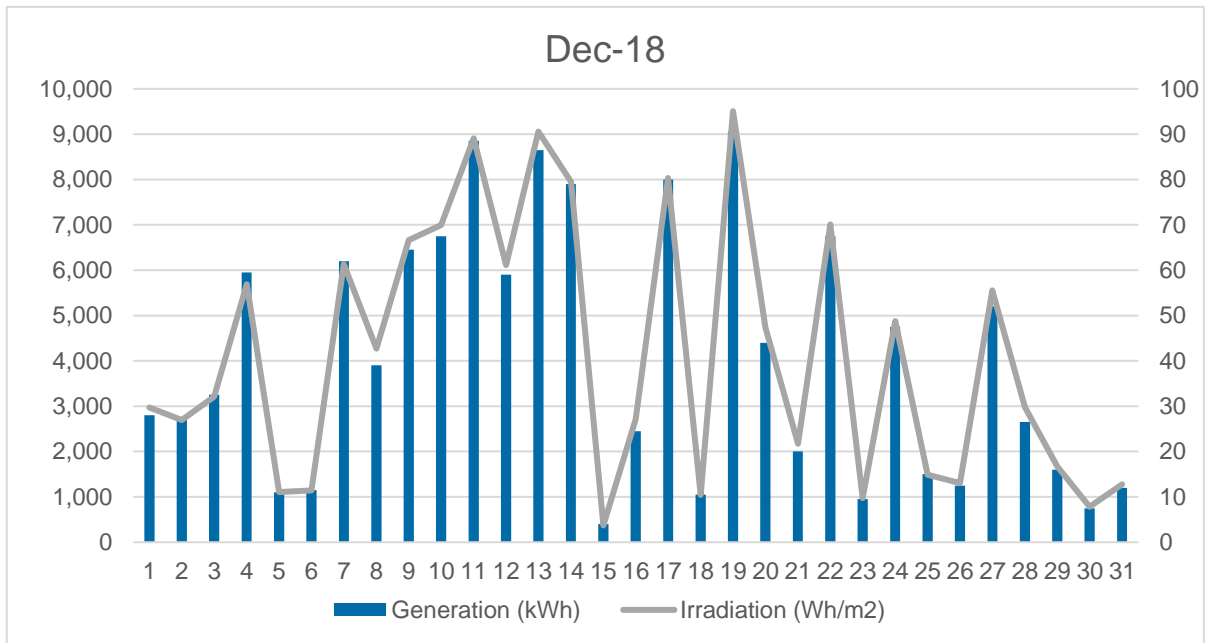


Figure 9: Irradiation Vs Generation Dec 2018



2.3 Q1 2019

Figure 10: Irradiation Vs Generation Jan 2019

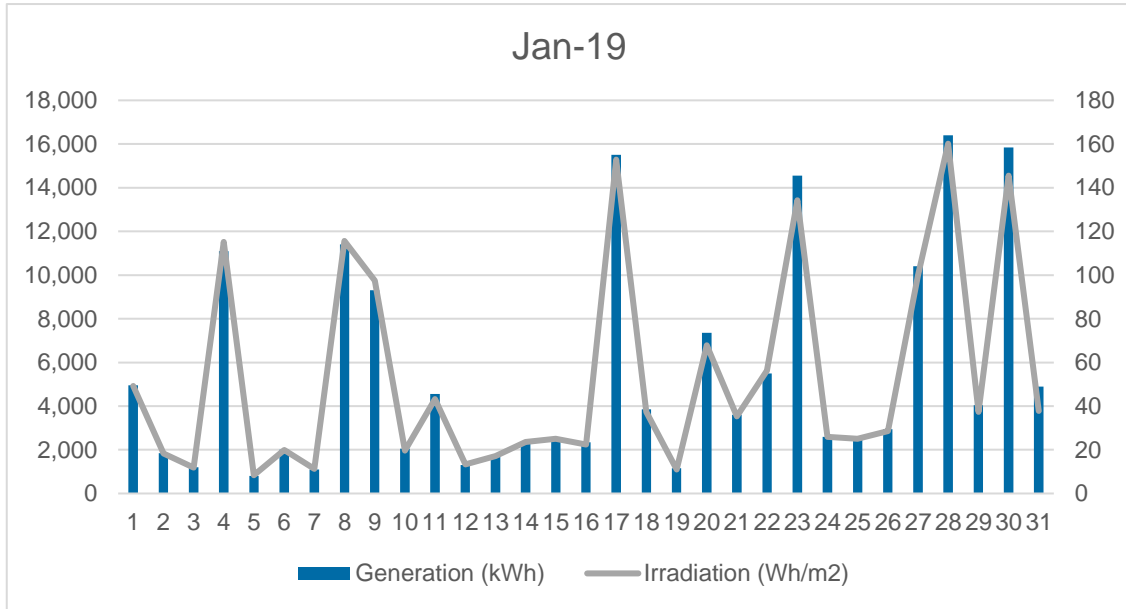


Figure 11: Irradiation Vs Generation Feb 2019

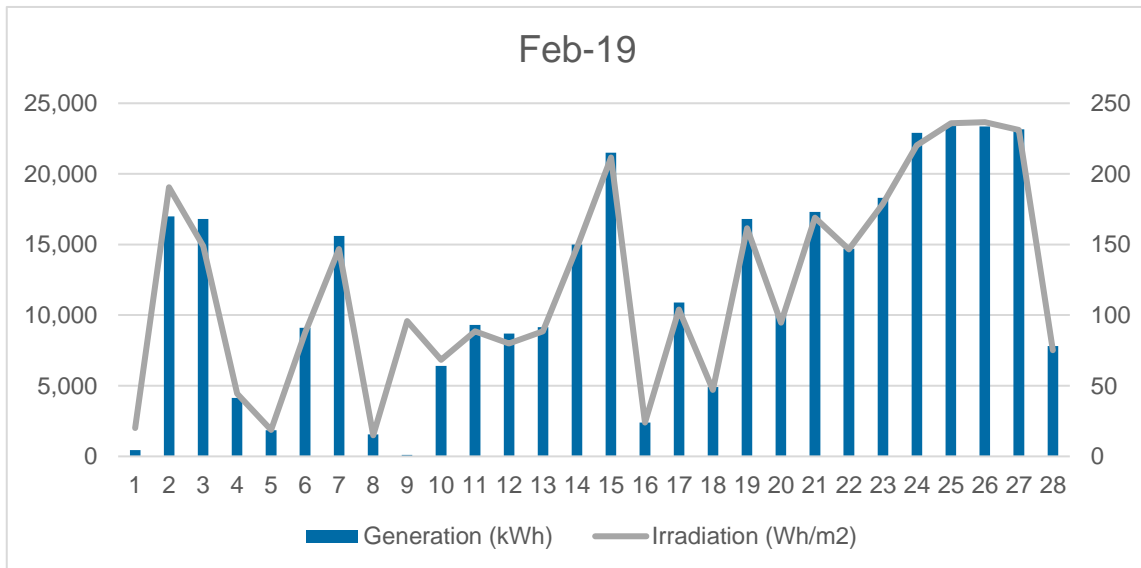
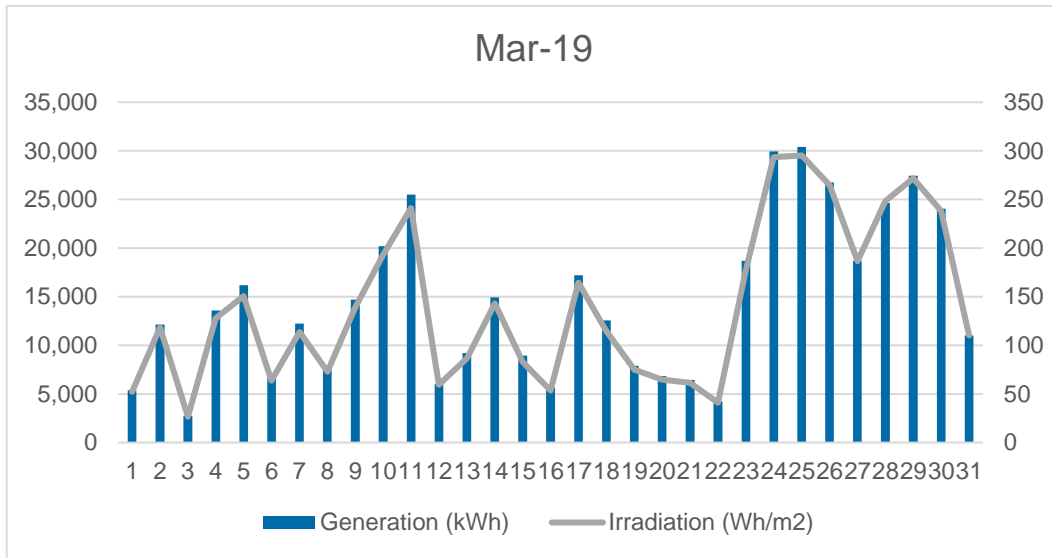


Figure 12: Irradiation Vs Generation Mar 2019



RINA Consulting Ltd.

2nd Floor Offices
Nile House, Nile Street
Brighton, BN1 1HW, UK

+44 (0)1273 819 429
rina.org