

Solar PV Performance Review



ALBERT DARNELL LTD

Location: Genesis Way, Healing, Grimsby, North East Lincolnshire
DN37 9TL

System details:
System size: 185kWp
System distribution: SE: 135kW / SW: 50kW
Inverters: 3 x Delta M50A & Delta 1 x M20A
Panel: 740 x FuturaSun FU250P

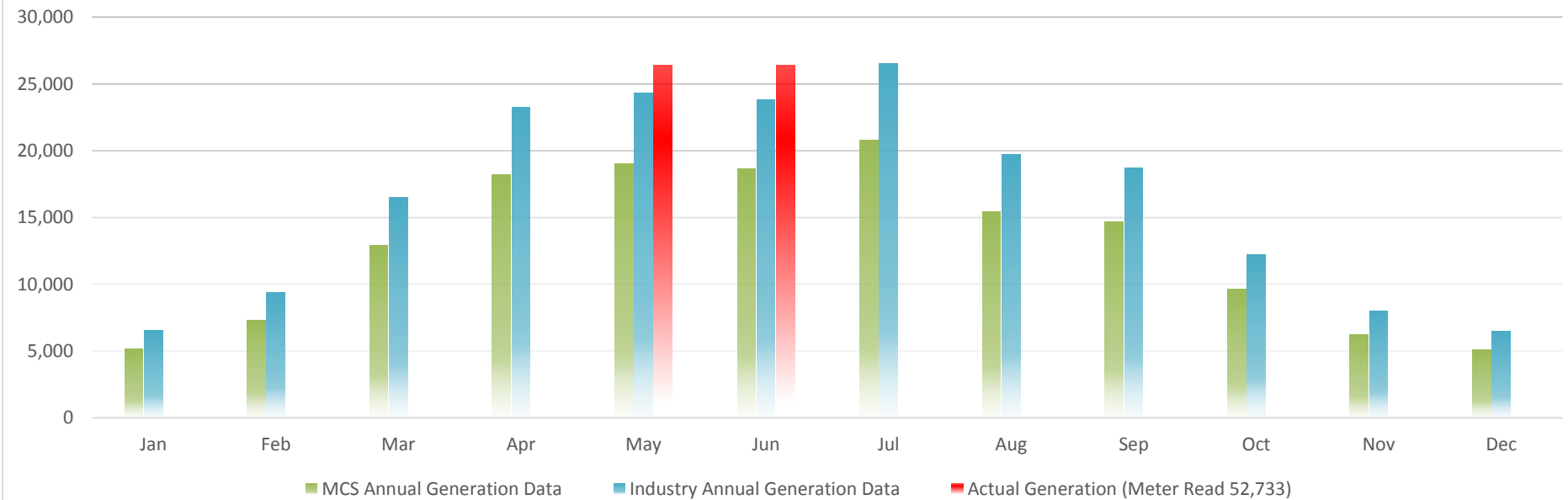


		MCS Data		Industry Data		Actual Data	Over Performance Figures			
Month	Annual Generation Percentage	kWh/kWp	Predicted Annual Generation	kWh/kWp2	Annual Generation	Actual Generation (Meter Read 52,733)	Over Performance on MCS (kWh)	Over Performance on MCS (%)	Over Performance Industry Data (kWh)	Over Performance Industry Data (%)
Jan	3%	27.8	5,140	35	6,558	0				
Feb	5%	39.6	7,334	51	9,356	0				
Mar	8%	69.9	12,936	89	16,504	0				
Apr	12%	98.5	18,216	126	23,240					
May	12%	103.0	19,051	131	24,305	26,367	8,150	38.40%	3,126	11.86%
Jun	12%	100.8	18,651	129	23,794	26,367	7,315	41.37%	2,062	7.82%
Jul	14%	112.5	20,809	144	26,548	0				
Aug	10%	83.6	15,463	107	19,727	0				
Sep	10%	79.2	14,652	101	18,693	0				
Oct	6%	51.9	9,607	66	12,257	0				
Nov	4%	33.8	6,256	43	7,982	0				
Dec	3%	27.4	5,063	35	6,459	0				
Totals	100	828.0	153,180	1,056	195,423	52,733	15,465		5,188	

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GENERATION DATA



Conclusions:

The solar PV system at Albert Darnell is currently over performing operational predictions by approx. **10%** on industry data and **39%** on Micro-Generation Certification Scheme data. Our industry data is based on a number of commercial installations which are monitored monthly.

