

Bristol Energy Cooperative Solar Generation

2017

BEC peak solar electricity output was **9 Mw**

c.f. Bristol local authority area peak demand of **307 Mw**

Total BEC solar electricity generation was **8,768,795 kwh**

equivalent to: demand of **2,540** Bristol houses

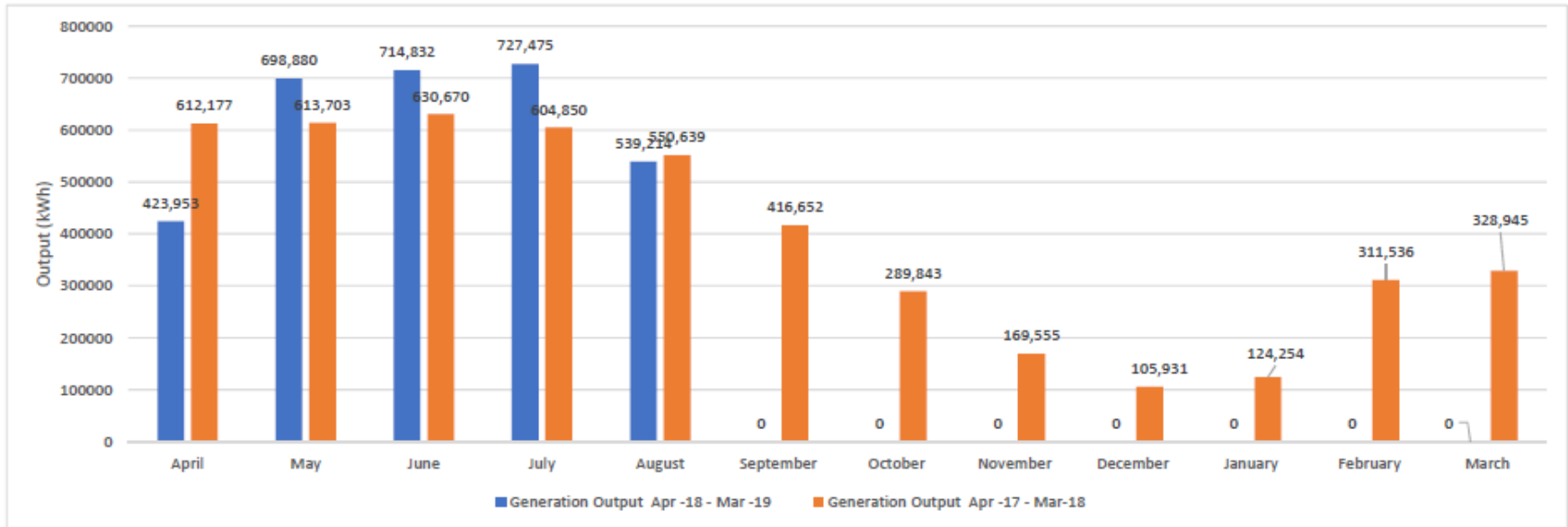
or boiling water for **438 million** cups of tea

2018

Looking like we will beat this figure



**Bristol Community Energy
SSB Puriton CIC
Puriton Year on Year Performance Comparison**



Puriton Solar monthly generation (April to March)

2017 Orange

2018 Blue



Annual generation MWh	2012	2013	2014	2015	2016	2017
Roofs	22	57	59	125	171	205
Puriton Solar Farm					4893	4551
Lawrence Weston Solar Farm					1657	4011
TOTAL Annual generation	22	57	59	125	6721	8768
Roof Cumulative total MWh (end of year)	22	57	59	125	434	639
Total Cumulative MWh (end of year)	22	79	138	263	6984	15752



	Roofs			
2017	Projected	Actual	Diff	%
J	5963	4686	-1277	79%
F	8518	6444	-2074	76%
M	17464	16009	-1455	92%
Q1	31944	27139	-4805	85%
A	23000	26697	3697	116%
M	29390	29983	593	102%
J	29390	31186	1796	106%
Q2	81780	87866	6086	107%
J	28113	28472	359	101%
A	25130	24883	-247	99%
S	19594	17862	-1732	91%
Q3	72836	71217	-1619	98%
O	13630	10033	-3597	74%
N	7666	5926	-1740	77%
D	3833	3146	-687	82%
Q4	25129	19105	-6024	76%
Totals	211689	205327	-6362	97%





TESLA





