

				FOOTPRINT COMPARISON						
KEGS	5,000sqm	KEGS	K Battery	K Battery	KEGS	S Battery	S Battery	S Battery	S Battery	
Solar	One MWh Solar 25,000sqm or 2.5hectares	Solar	Solar	Solar	Solar	6 hours full sun. 24 MWh battery storage.		S Battery	S Battery	
Solar		Solar	Solar	Solar			S Battery	S Battery		
Solar		Solar	Solar	Solar	Solar	Solar	S Battery	S Battery	S Battery	S Battery
Solar		Solar	Solar	Solar	Solar	Solar	S Battery	S Battery	S Battery	S Battery
Solar		Solar	Solar	Solar	Solar	Solar	S Battery	S Battery	S Battery	S Battery
6 hours full sun - 24 hours supply.						S Battery	S Battery	S Battery	S Battery	
Solar	Solar	Solar	Solar	Solar	Solar	S Battery	S Battery	S Battery	S Battery	
Solar	Solar	No sun, additional 4 Mw solar farm. and an additional 24 MWh of battery storage.				S Battery	S Battery	S Battery	S Battery	
Solar	Solar	Wet day <u>one</u> .				S Battery	S Battery	S Battery	S Battery	
Solar	Solar	Solar	Solar	Solar	Solar	S Battery	S Battery	S Battery	S Battery	
Wet day No.1						S Battery	S Battery	S Battery	S Battery	
Solar	Solar	Solar	Solar	Solar	Solar	S Battery	S Battery	S Battery	S Battery	
Solar	Solar	No sun, additional 4 Mw solar farm. and another 48 MWh of battery storage.				S Battery	S Battery	S Battery	S Battery	
Solar	Solar	Wet day <u>two</u> .				S Battery	S Battery	S Battery	S Battery	
Solar	Solar	Solar	Solar	Solar	Solar	S Battery	S Battery	S Battery	S Battery	
Wet day No.2						S Battery	S Battery	S Battery	S Battery	

Above in **Blue** is the area Solar requires to generate 1 megawatt of energy for one hour-1MWh.

Above in the **Green** is the area 1 x KEG System requires to generate 1 megawatt of energy continuously. And a spare KEGS, for backup.

Above in **Blue** is the minimum area that is required for Solar to supply energy of 1 Megawatt per hour for 24 hours continuous.

Above in **Orange** is the BESS or battery storage required to supply that 1 megawatt of energy for 24 hours.

Above in **Green** is a **KEG System** that could supply 1 megawatt of energy PER HOUR for 24 hours continuously.
1 x green and **2 x orange**.

KEGS are not affected by normal weather*.
 24/7 even at night, wind or no wind, snow, dust, smoke etc.

*They are affected if flooded.
 Fire, if the industrial building is damaged.

Solar, have days where they **do not generate energy, or very little**.
 Rain, hail, cloud, dust, wind, snow, fire, smoke etc.

Allowing ONE day of non-production you need to double,

for, TWO days, you need to triple the solar farm and the BESS, battery storage, size and the cost.