

Solar Energy Power Generation Pros and Cons

<u>Item</u>					
<u>Number</u>	<u>Item</u>	<u>Pro</u>	<u>Con</u>	<u>Unknown</u>	<u>Insufficient Research</u>
1	Reduction in use of Non Renewable Energy resources	X			
2	Assist in reduction in Greenhouse emissions	X			
3	Assist in mitigation of Climate changes	X			
4	Contribution to Energy independence	X			
5	Energy power generation operation safer	X			
6	Contribute to cleaner Air Quality	X			
7	Reduction in Energy power generation industry use of water resources	X			
8	Increase in land used for energy power generation		X		
9	Allows for multiple uses of the Land	X			
10	Requires use of scarce raw materials		X		
11	Supply Chain Issues for raw materials		X		
12	Reduces available Agriculture Land (without Agrivoltaics)		X		
13	Allows Farmers an additional income	X			
14	Allows better use of poorer soils on farm	X			
15	Allows for energy power in non traditional locations (off grid, boats, deserts, etc.)	X			
16	Allows for scaled to needs in defined local area (i.e. power generation for a community)	X			
17	Increases land value		X		
18	Increases competition for same land		X		
19	Energy power generation is "clean"	X			
20	Shorter Payback period for power generation equipment	X			
21	Impact on surrounding property values			X	X
22	Lower maintenance costs for solar facility	X			
23	Lower energy prices	X			
24	Leased land goes unused		X		
25	Technology still evolving (higher yields)	X			
26	Increase number of transmission lines		X		
27	Recycling or reuse program for panels known		X	X	X
28	Recycling or reuse program for batteries known		X	X	X
29	Long Range impact on Land			X	X
30	Health impacts during life cycle panel materials			X	X