Bachelor on Science Thesis Proposal on Adaptive Control of Energy Storage (adaptation to a Master on Science Thesis is possible)

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Background

The global photovoltaic (PV) market has had a tremendous development the last 10 years. In many countries, there are bidding schemes where the Government open up for international bids for building and long-term operation of larger PV systems. Different kinds of additional conditions together with the lowest bid price normally win the bid.

From the technical point of view, monitoring and control of PV systems are also required for systems cost effective operation since the initial investment for the installation and maintenance is high and for reliable functioning and maximum output solar power. Monitoring systems can provide information such as system efficiency, performance and energy produced hence return of investment of the installation that the users mostly require knowing