

LCN Fund Full Submission

Supplementary Answer Form

Tick if this answer is Confidential: ☐

Tick if this answer has been provided verbally: ☐

Project code:	WPDT2003	Question Number	9
Question date	13/09/11	Answer date	20/09/2011
Submission section question relates to	Section 2.2		
Topic	Technical description		
Question	Is there a scenario in which, if the battery is fully-charged, the pv output may have to be reduced? If so, how would this be controlled?		
Notes on question			
Answer	<p>There is a scenario where the PV output may have to be reduced; however this is very unlikely with the BRISTOL solution.</p> <p>Batteries will allow excess generation to be stored in batteries instead of exporting power into the network. Forecasting and appropriate sizing will reduce the risk of the batteries being fully charged at times when PV couldn't be exported to the network.</p> <p>If this scenario did occur, the equipment would behave in the same way as conventional PV installations, charge controllers to prevent PV from damaging the battery and the inverter will prevent power from being exported if the voltage is at statutory limits; this is an existing technology.</p> <p>Customers will not be disadvantages by having the BRISTOL solution installed.</p>		

Attachments	
Verbal Clarifications (Consultants)	