

**Annexure-I**

Technical and Financial Parameters of pre-approved PV models to be financed

<b>Model</b>	<b>Photo Voltaic Module (Wp)</b>	<b>Battery Capacity (AH)</b>	<b>Maximum recommended load and duty cycle</b>	<b>Indicative Cost(Rs )</b>	<b>Maximum Capital Subsidy eligible(Rs)</b>	<b>Max loan amount (Rs.) bearing interest @5%</b>
I	10	12 V, 7 AH (SMF)	5-7 watt load for 3 to 4 hrs (20 watt hrs/day)	3000	900	1500
II	18-20	12 V, 20 AH (Tubular L.M./Gel VRLA)	10 watt load for 4 hrs (40 watt hrs/day)	5400 -6000	12620	2700-3000
III	37-40	12 V, 40 AH (Tubular L.M./Gel VRLA)	20 watt load for 4 hrs (80 watt hrs/day)	11100-12000	3330	5550-6000
IV	50	12 V, 60 AH (Tubular L.M./Gel VRLA)	30 watt load for 4 hrs (120 watt hrs/day)	15000	4500	7500
v.	74-80	12 V, 80 AH (Tubular L.M./Gel VRLA)	45 watt load for 4 hrs (180 watt hrs/day)	22200-24000	6660	11100-12000
vi.	100	12 V, 120 AH (Tubular L.M./Gel VRLA)	60 watt load for 4 hrs (240 watt hrs/day)	30000	9000	15000
vii.	125	12 V, 150 AH (Tubular L.M./Gel VRLA)	75 watt load for 4 hrs (300 watt hrs/day)	37500	11250	18750
viii	150-160	24 V,75/80 AH (Tubular L.M./Gel VRLA)	90 watt load for 4 hrs (360 watt hrs/day)	45000-48000	13500	22500-24000
ix.	200-210	24 V, 100/120 AH (Tubular L.M./Gel VRLA)	120 watt load for 4 hrs (480 watt hrs/day)	60000-63000	18000	30000-31500

The total cost, the maximum capital subsidy and the maximum eligible quantum of subsidized loan have been worked out on the basis of the benchmark cost of `Rs 300/- per Wp for 2011-12prescribed by MNRE.,.

In case the actual cost of the system is less than the indicative costs mentioned above, the capital subsidy will be calculated @ 30% of the actual cost.