

Minimum Pump and Solar Array Sizing for Different Combination of Head and Water Demand

Head (m)	Discharge (ltrs)	Minimum Pump Sizing (HP)	Minimum PV Capacity (Wp)
5	25000	1	300
	50000	1	600
	100000	1	900
	200000	2	1500
	300000	2	2100
	400000	2	2700
10	25000	1	600
	50000	1	900
	100000	1	1500
	200000	2	2700
	300000	3	3900
15	25000	1	600
	50000	1	1200
	100000	2	2100
	200000	3	3900
	300000	5	6000
20	25000	1	900
	50000	2	1500
	100000	3	2700
	200000	5	5400
	300000	7.5	7800
30	25000	1	1200
	50000	2	2100
	100000	3	3900
	200000	5	7800
	300000	7.5	12000

Note: For head higher than 30 meter, AEPC will review the DFS and must be approved by AEPC.