

Wholesale DG has Superior Value



Total Ratepayer Cost of Solar

	Distribution Grid				T-Grid	
PV Project size and type	100kW roof	500kW roof	1 MW roof	1 MW ground	5 MW ground	50 MW ground
Required PPA Rate	15¢	14¢	13¢	12¢	11¢	10¢
T&D costs	0¢	0-1¢	1¢	1¢	1-2¢	2-4¢
Ratepayer cost per kWh	15¢	14-15¢	14¢	13¢	12-13¢	12-14¢

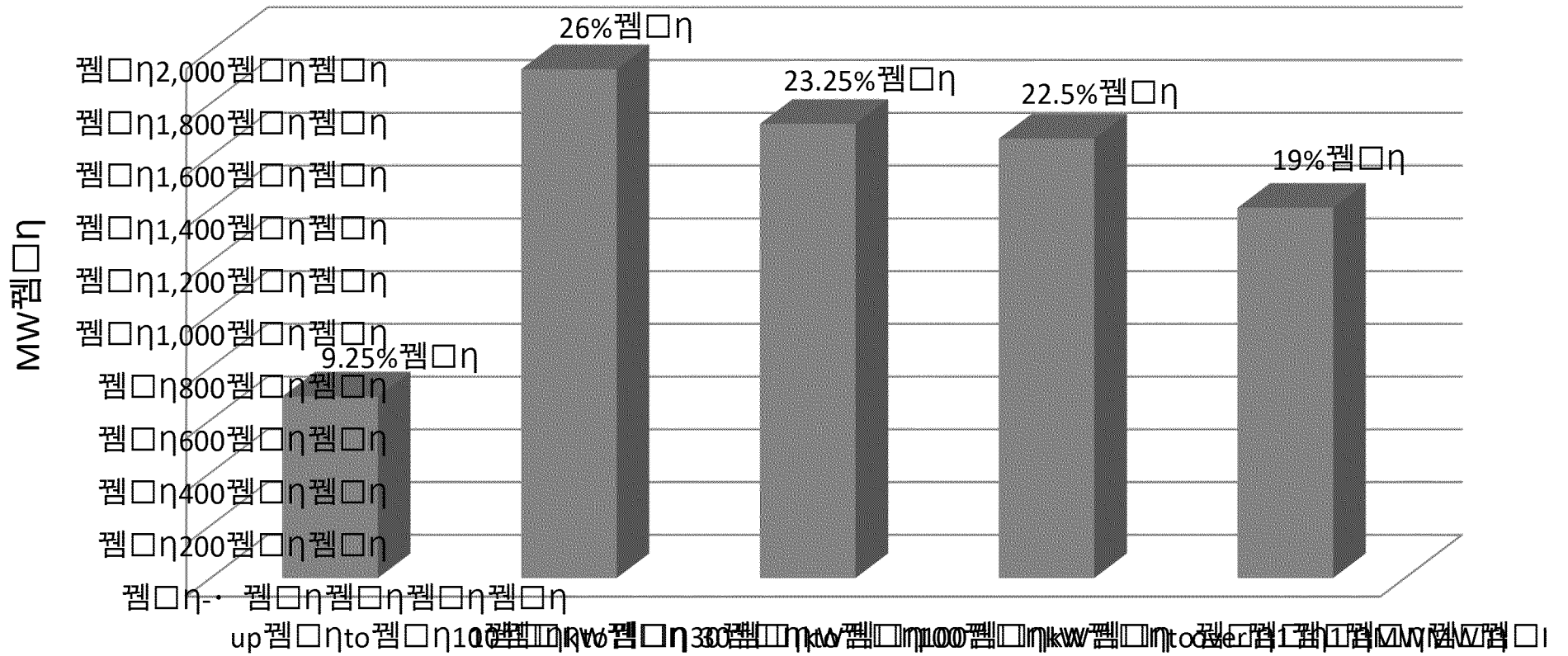
Sources: CAISO, CEC, and Clean Coalition

The most cost-effective solar is ground-based WDG, not central station as commonly thought; due to immense transmission costs

German Solar Capacity is Still Mostly WDG (Rooftops)



German Solar PV Capacity Installed by Source



Source: Fraunhofer ISE, March 2011

Germany's solar deployments are almost entirely interconnected to the distribution grid (not rooftop)