

Awards for Best district Cooling System In Qatar

Information	Input	Data	Unit
General Information	District Cooling Plant Name		
	DC Provider/Operator		
	Service Area		M2
	Contact Name		
	Contact Title		
	Tel		
	Mail		
Technical Information	➤ Number of building Served by DC system		
	➤ Buildings area served by DC (Sq.M)		M2
	➤ Type of buildings (Residential,Commercial,Government, Hotels, School, hospital,Mixed use)		
	➤ DC plant Design Capacity		TR
	➤ Installed Chiller Capacity		TR
	➤ Thermal Energy Storage Capacity		TR.hour
	➤ Actual Cooling Energy Production in 2018		TR.hour
	➤ Total consumption of potable water for Cooling tower makeup in 2018		M3
	➤ Total Consumption of TSE or other RW for makeup in 2018		M3
	➤ Total Electricity Consumption of DC plant for 2018 (Electricity consumption refers to total DC Plant consumption including chillers, Cooling Towers, Polishing Plant (if applicable), process pumps, distribution pumps, HVAC power and all other auxiliary equipment.)		KW hr
	➤ Quantity of wastewater discharged from the DC Plant in 2018		M3
	➤ Existing Discharge Network		
	➤ Volume of Tanks of Make-up water for condenser system.		M3
	➤ Polishing Plant for TSE availability		Yes/No
	➤ Greenhouse gas emission reduction: Provide how much green house gas emission reduced in the DC plant in 2018		Ton of Co2
	➤ Provide the details of any Innovation ideas implemented in DC plant effectively . Explain how the DC plant is outstanding and innovative from other DC plants. (maximum 300 Words) for documentes you can attached		
➤ Reliability			
➤ Number of Manpower of Operation and maintenance team			
➤ Explain Any 3 challenges faced and how it is addressed. (maximum 300 Words) for documentes you can attached			
Reliability	➤ $KPI = \frac{SHP}{(THP-FMP)}$ refer KPI1# in DC code.		%
Number of Manpower of Operation and maintenance team			Person