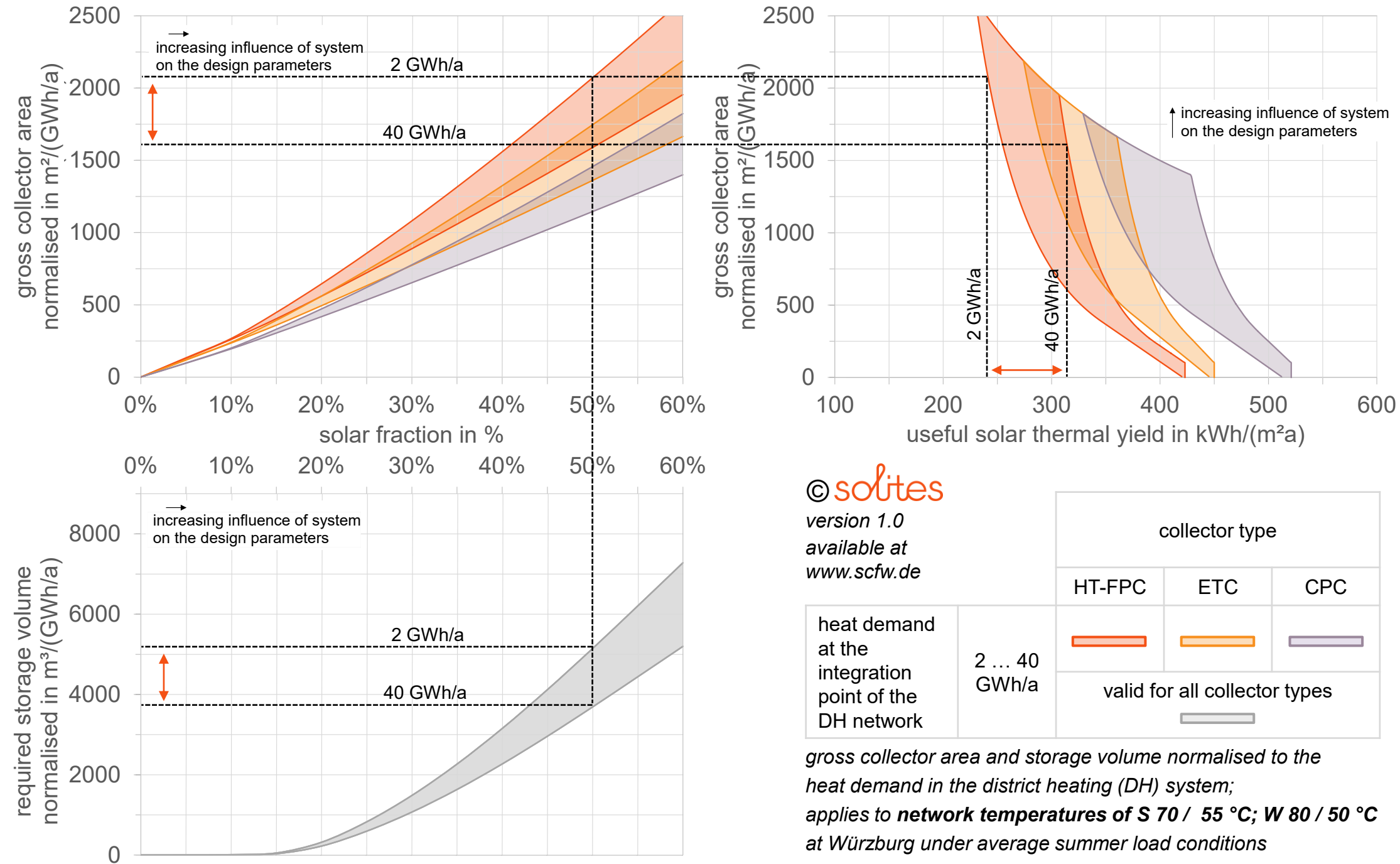
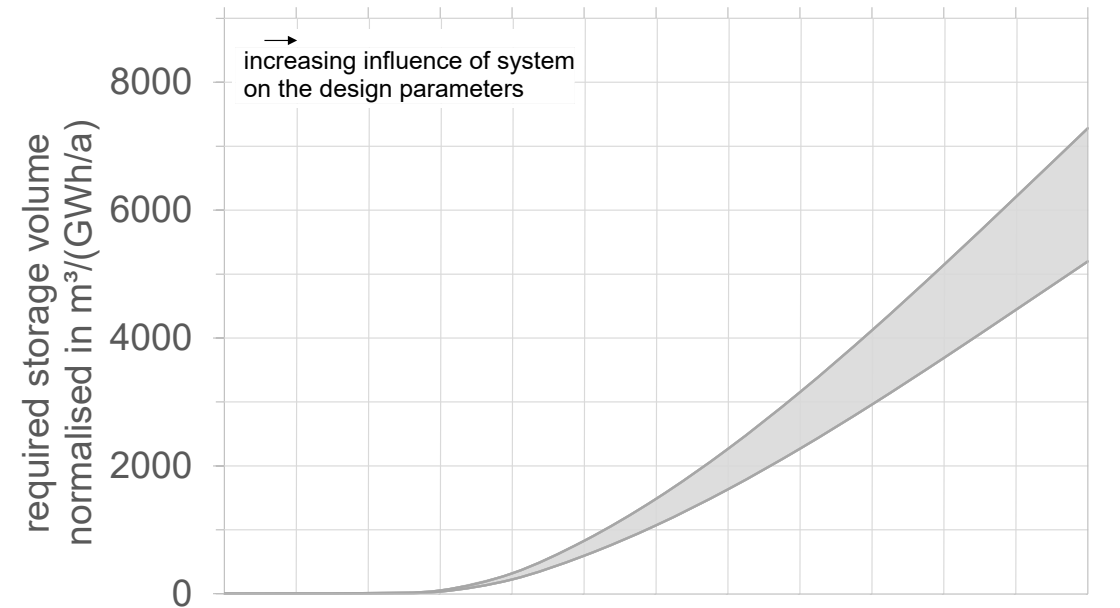
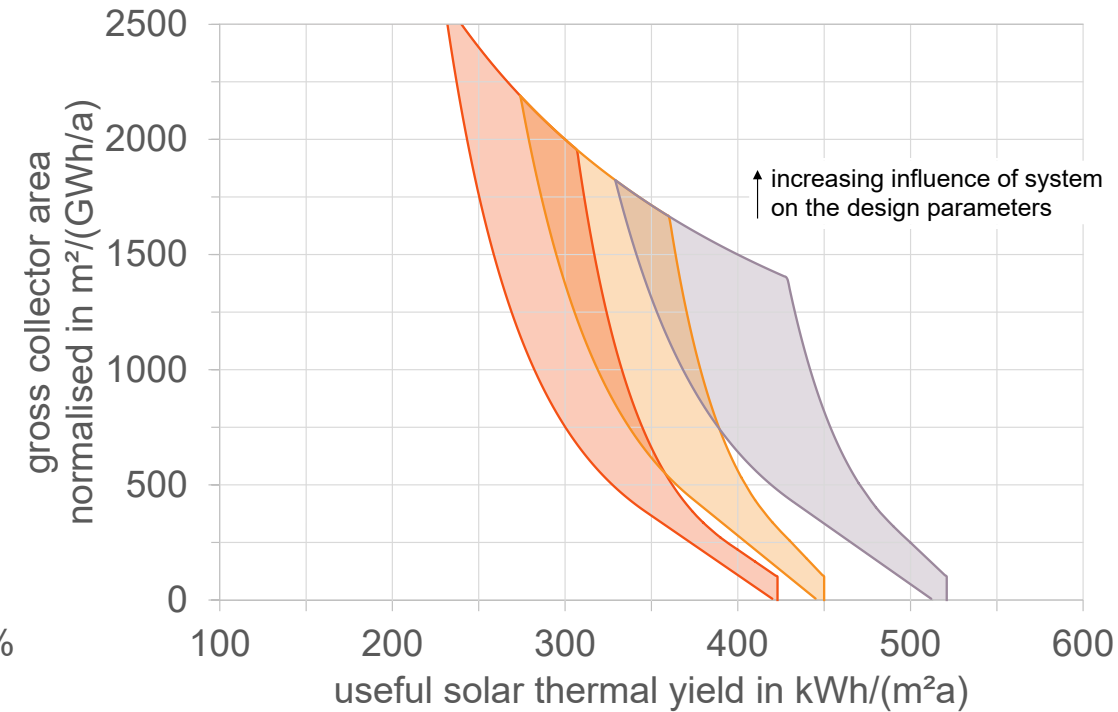
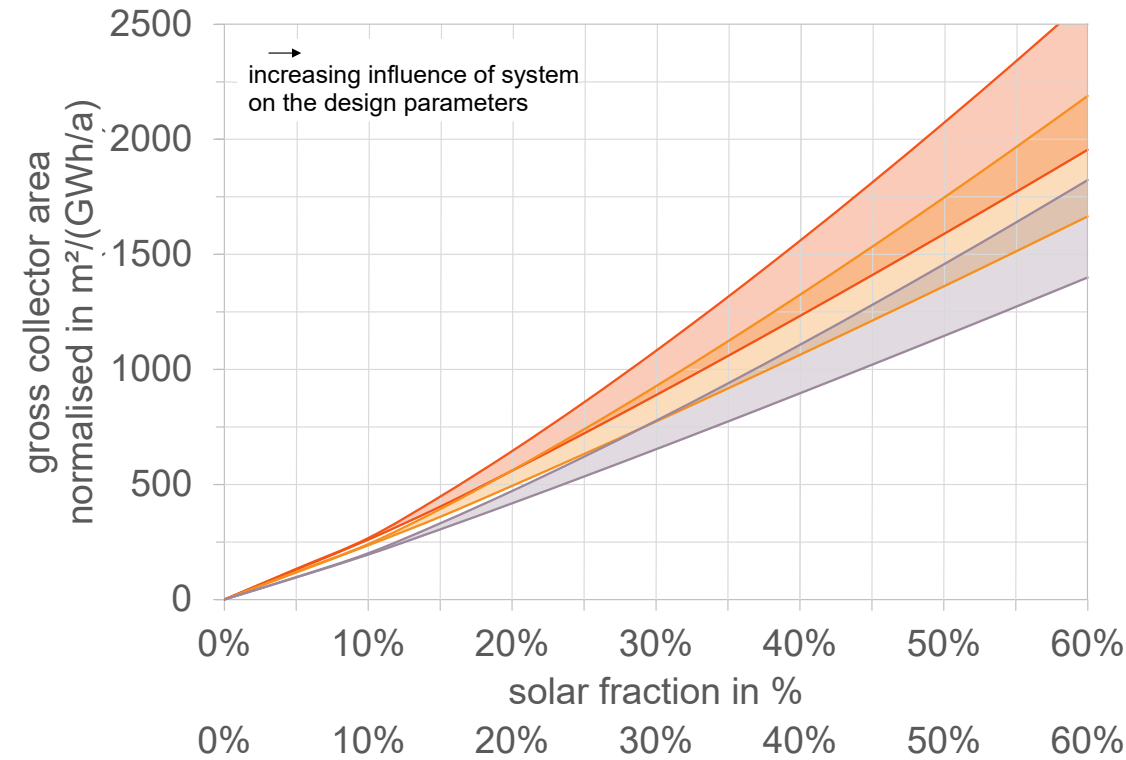


Nomogram for the preliminary design of solar district heating plants for various collector types at medium network temperatures – reading example



Nomogram for the preliminary design of solar district heating plants for various collector types at medium network temperatures

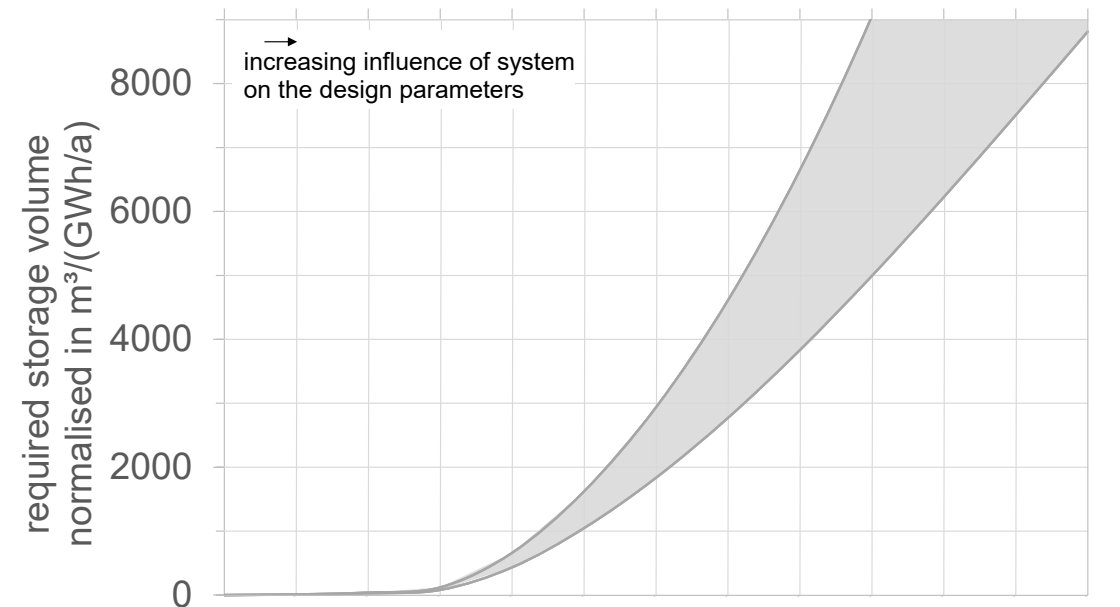
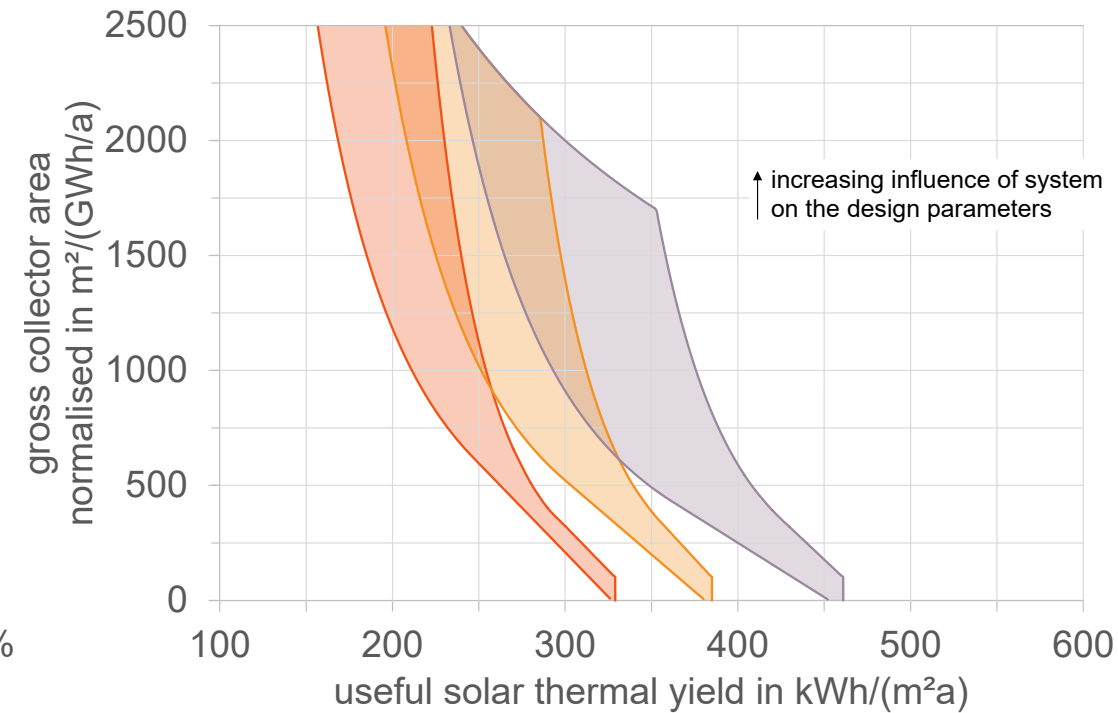
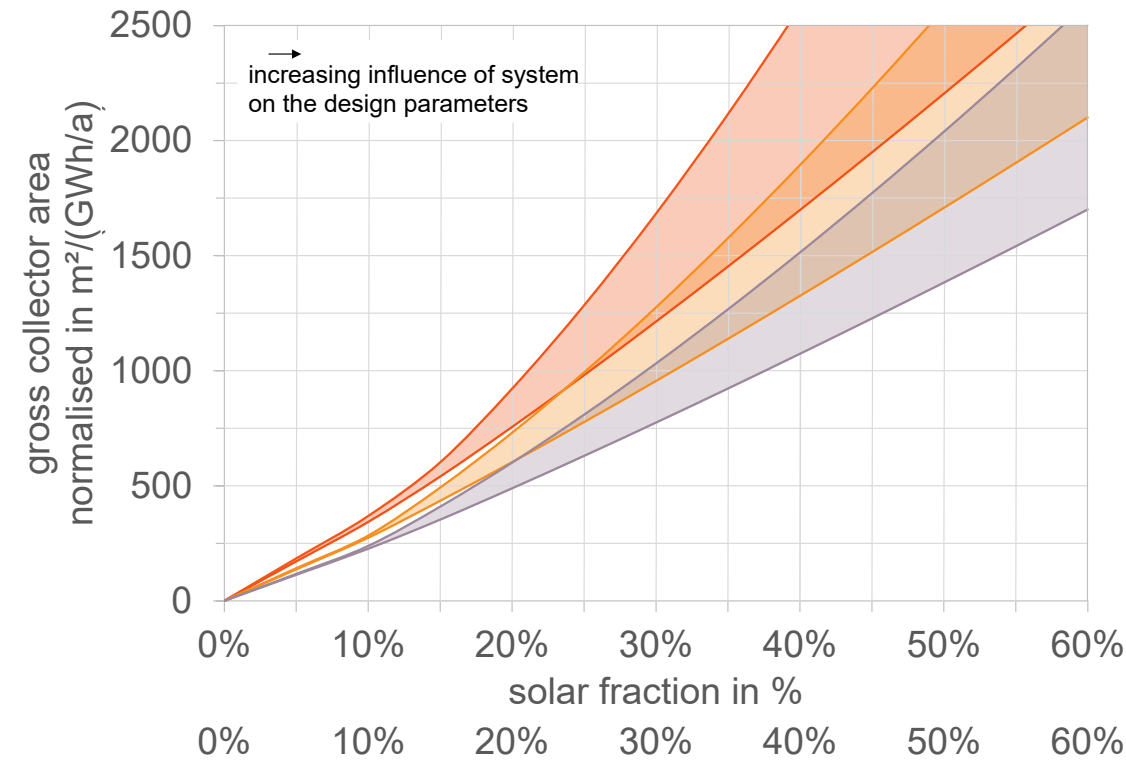


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heat demand at the integration point of the DH network	2 ... 40 GWh/a			
		valid for all collector types		
				

gross collector area and storage volume normalised to the
heat demand in the district heating (DH) system;
applies to **network temperatures of S 70 / 55 °C; W 80 / 50 °C**
at Würzburg under average summer load conditions

Nomogram for the preliminary design of solar district heating plants for various collector types at high network temperatures

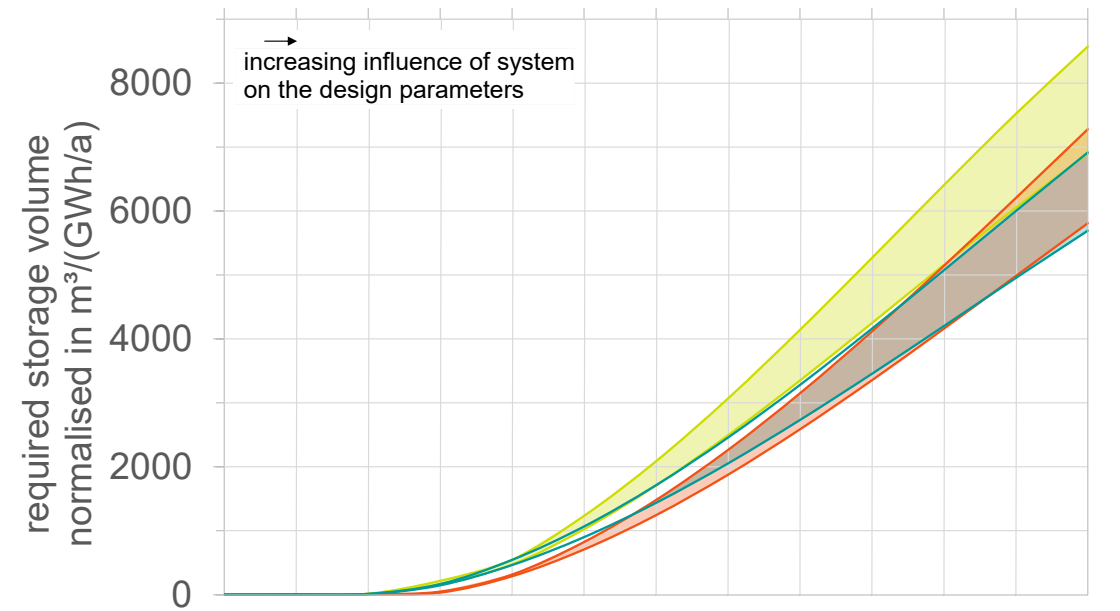
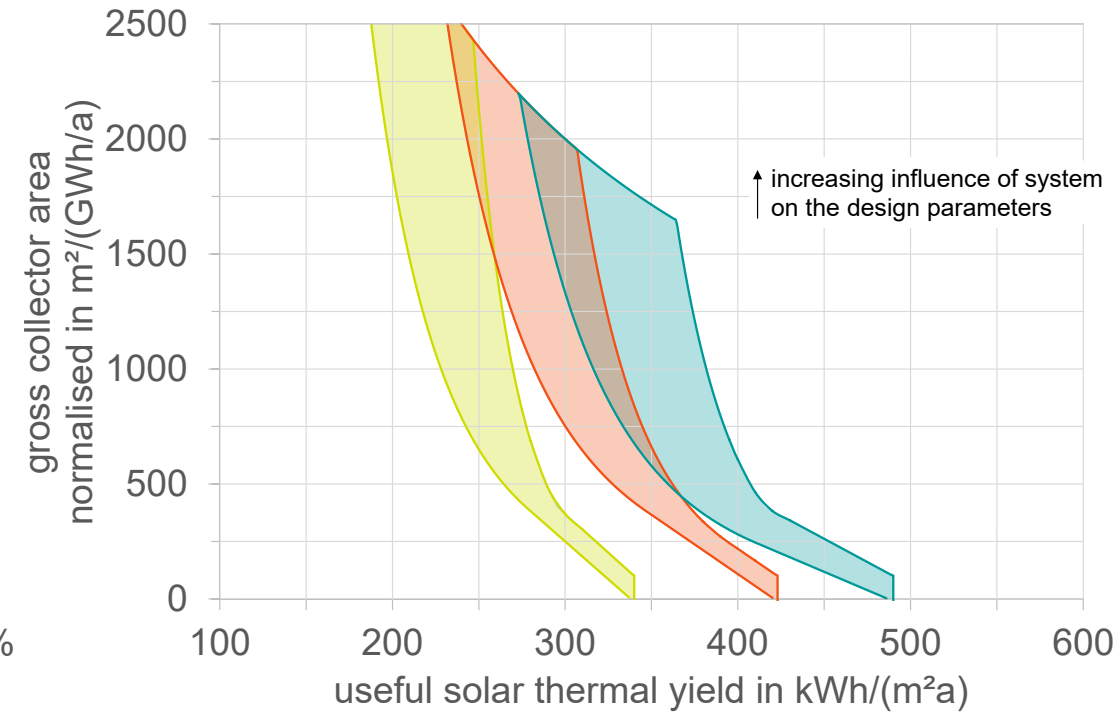
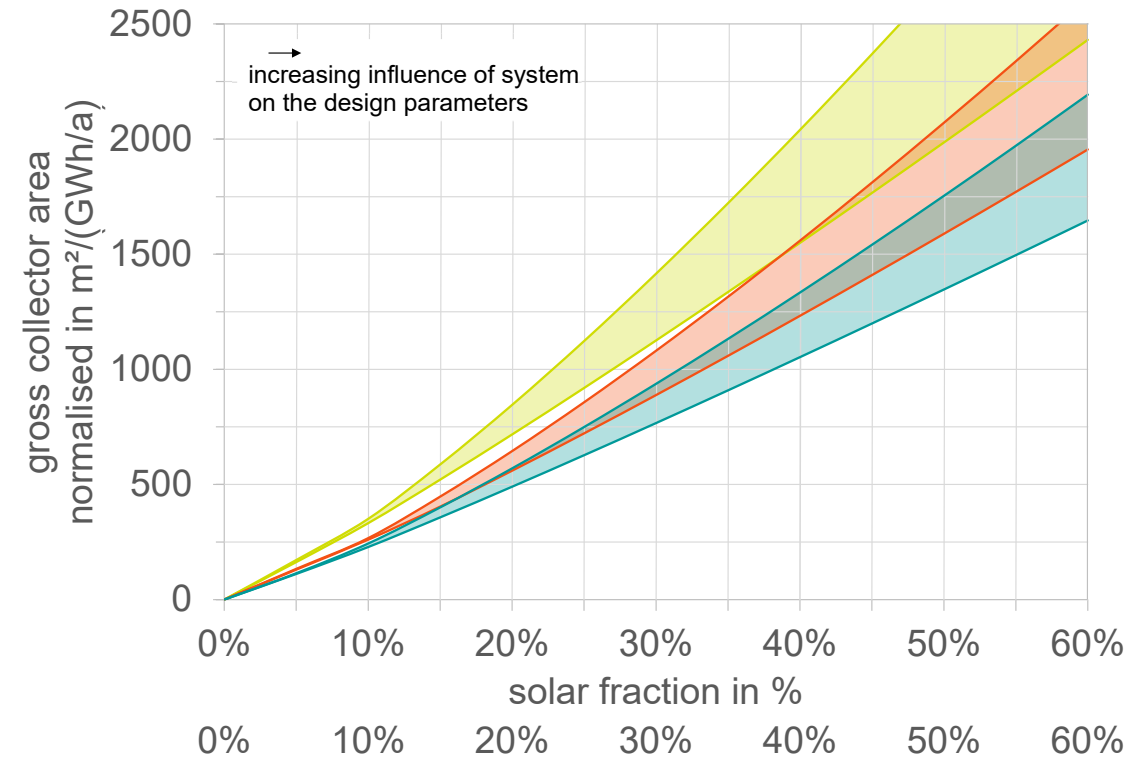


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heat demand at the integration point of the DH network	2 ... 40 GWh/a			
		valid for all collector types		
				

gross collector area and storage volume normalised to the heat demand in the district heating (DH) system;
applies to **network temperatures of S 85 / 70 °C; W 100 / 65 °C**
at Würzburg under average summer load conditions

Nomogram for the preliminary design of solar district heating plants for various locations at medium network temperatures

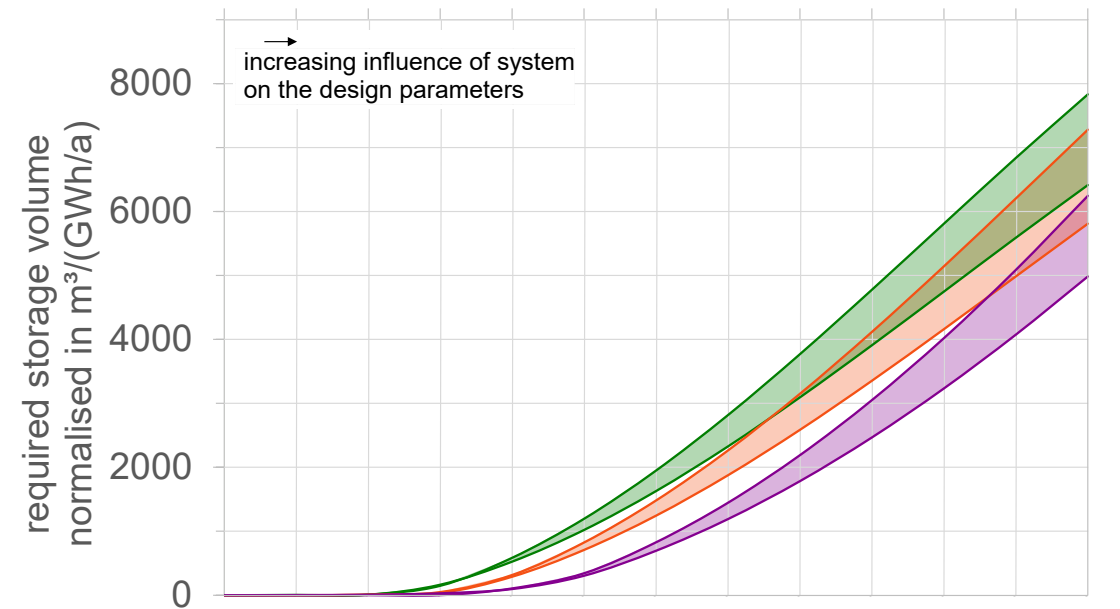
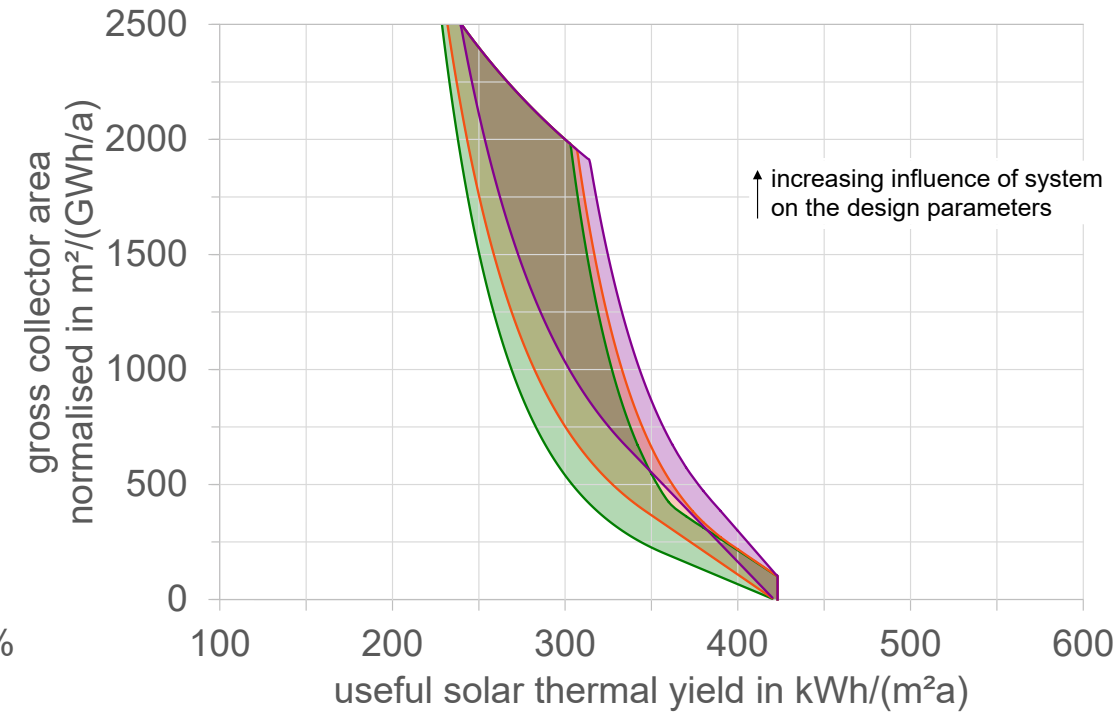
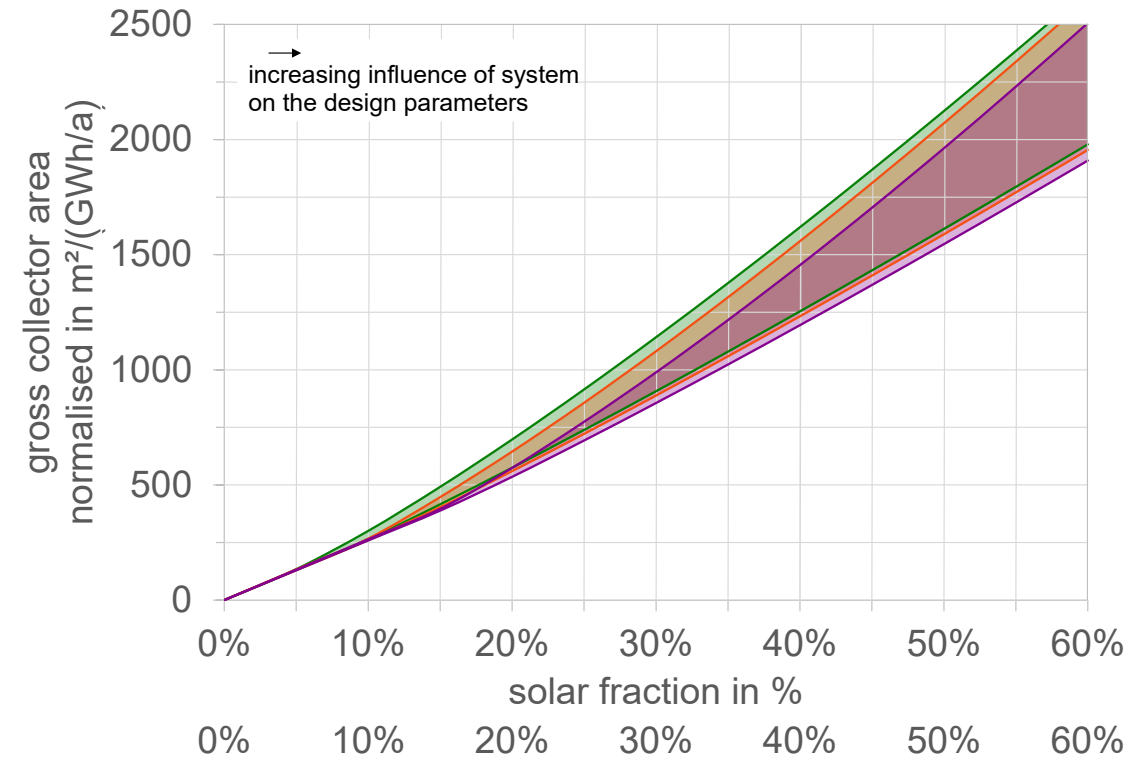


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		location		
		Munich	Würzburg	Hamburg
heat demand at the integration point of the DH network	2 ... 40 GWh/a			

gross collector area and storage volume normalised to the heat demand in the district heating (DH) system;
applies to **network temperatures of S 70 / 55 °C; W 80 / 50 °C**
and high-temperature flat plate collectors (HT-FPC) under average summer load conditions

Nomogram for the preliminary design of solar district heating plants for various summer loads at medium network temperatures



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		summer load		
		high	medium	low
heat demand at the integration point of the DH network	2 ... 40 GWh/a			

gross collector area and storage volume normalised to the
heat demand in the district heating (DH) system;
applies to **network temperatures of S 70 / 55 °C; W 80 / 50 °C**
and high-temperature flat plate collectors (HT-FPC) at Würzburg