

Area Information		
Area Name	Demo_Sc1	
Design Rules	Base_distribution_layer update 20230327_optim	
Number of Homes	54	
Household Density	0.0 homes/km²	
Total Area height difference	0 m	
Dry ground thermal conductivity	1.6 W/(m.K)	
Wet ground thermal conductivity	2.2 W/(m.K)	
Ground temperature	10 °C	
Ground to air transition insulance	0.0685 m²K/W	
Ground water depth	1 m	
Demand input	Space heating demand	
Peak power space heating	11809 kW	
Peak power hot tap water	0 kW	
Peak power space cooling	0 kW	
Simultaneous Demand	7523 kW	
Volume water in network	55687 l	
Total network linear energy density	4.878 MWh/m	

Energy Breakdown (adjusted for season profiles)		
	Energy (MWh)	%
Total demand	27'161	96%
Service connection losses	94	0%
Distribution losses	940	3%
Total power	28'195.15	100%

Trajectory length Breakdown		
	Pipe length (m)	%
Distribution	4999.8	90%
Service connection	567.9	10%
Total trajectory length	5'567.74	100%

