



Joint Workshop IEA HPT Annex 42 ‘Heat pumps in smart grids’ and IEA HPT Annex 45 ‘Hybrid heat pumps’

Monday, May 15th, 2017, Morning session

Both Annexes are strongly related to smart grids in smart cities, and therefore combined

9.30 – 9.45	Smart heat pumps in grids	(P.Wagener)
9.45 –10.00	Hybrid heat pumps hybridize smart grids	(N.van der Sar)
10.00 – 10.15	Using (big) data to plan green energy districts	(G. Hop)
10.15 – 10.30	The impact of nearly zero energy housing on the low voltage grid	(J. Bhagwandas)
10.30 – 10:45	Pooling of heat pumps in smart grids	(M. Miara)
10.45 – 11.00	Coffee break, organizing the round tables (Moderator and presentators)	
	Round table discussions at 5 – 6 round tables, subjects from within the context of smart heat pumps in smart grids to create smart cities.	
	Tables will be identified per subject and guided by a discussion leader per table	
11.00 – 11.20	Round tables 1 st session	
11.20 – 11.40	Round tables 2 nd session	
11.40 – 12.00	Round tables 3 rd session	

Group discussions

12.00 – 12.30	Discussion, Q & A and wrap up in plenary session	(Moderator)
---------------	--	-------------

