ZAE–Symposium 2001
Heat and cold storage

Munich, October 04-05, 2001

1 Welcome
Prof. Dr. Fricke, ZAE Bayern

2 Basics of heat and cold storage
Dr. Ing.-habil. F. Ziegler, Technical University Berlin

3 ECES IEA Activities
Prof. H. Paksoy, Cukurova University, Turkey

4 ANNEX 17: Advanced thermal energy storage techniques – feasibility studies and demonstration projects
Prof. F. Setterwall, Royal Institute of Technology Stockholm, Sweden

5 A PCM storage unit in raised floor for peak shifting
Dr. Eng. M. Yamaha, Chubu University, Japan

6 R&D Project Innovative PCM-Technology
Dr. H. Mehling, ZAE Bayern

7 Simulation of PCM in Building components
Dr. J. Manara, ZAE Bayern

8 Heating, cooling and storage with Zeolite
A. Hauer, ZAE Bayern

9 Cold storage in liquid desiccants
E. Låvemann, ZAE Bayern

10 New developments in PCM-materials and nucleators
Dr. M. Neuschütz, Merck KgaA

11 New PCM products based on paraffins
A. Field, Rubitherm GmbH

12 Sigra λ - a new PCM-graphite composite material
Dr. O. Ottinger, SGL Carbon GmbH

13 Latent cold storage to use cold air at night for daytime air conditioning
R. Ulvengren, Climator, Sweden
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