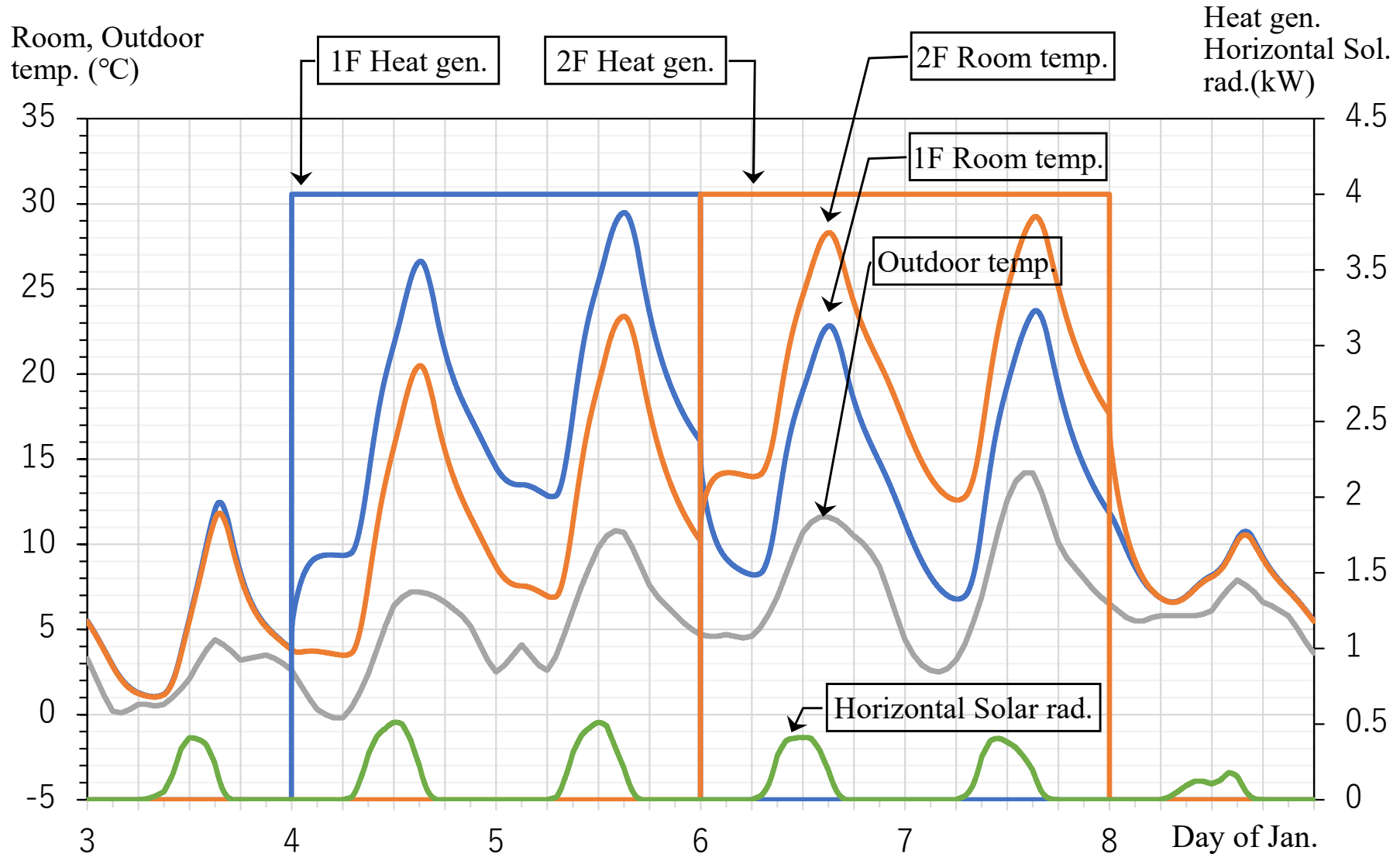


Generated measurement data by computer simulation for six days on heat transfer system of two chamber model



These simulated measurements were fed into SPIDS-H (a system identification calculation program for heat transfer systems). The low pass filter of 8-hour moving average by single or double were applied. The batch system identification was applied for the entire six days and a set of generalized conductances, equivalent heat capacities and solar heat gain factors were estimated. In real and actual situation the heat generation is calculated from the kerosene consumption by the relation of $1 \text{ (g/min)} = 1.2942 \text{ (kW)}$.