

## 7.10 OTHER HEATING SOURCE Menu

### 7.10.1 OTHER HEATING SOURCE menu overview

MENU > FOR SERVICEMAN > OTHER HEATING SOURCE

Figure 3-7.26: OTHER HEATING SOURCE menu

7 OTHER HEATING SOURCE 1/2		7 OTHER HEATING SOURCE 2/2	
7.1 dT1_IBH_ON	5°C	7.6 T4_AHS_ON	-5°C
7.2 t_IBH_DELAY	30MIN	7.7 IBH LOCATE	PIPE LOOP
7.3 T4_IBH_ON	-5°C	7.8 P_IBH1	0.0kW
7.4 dT1_AHS_ON	5°C	7.9 P_IBH2	0.0kW
7.5 t_AHS_DELAY	30MIN	7.10 P_TBH	2.0kW
ADJUST		ADJUST	

In **OTHER HEATING SOURCE** the following parameters should be set. Backup electric heater is optional.

**dT1\_IBH\_ON** sets the temperature difference between the heat pump's leaving water set temperature (T1S) and the heat pump's leaving water temperature (T1) above which the backup electric heater heating element(s) are on. When  $T1S - T1 \geq dT1\_IBH\_ON$  the backup electric heater is on (on models where the backup electric heater has a simple on/off control function).

**t\_IBH\_DELAY** sets the delay between the compressor starting and the backup electric heater being turned on.

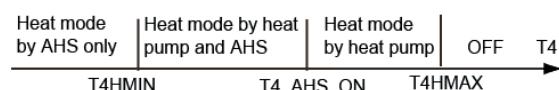
**T4\_IBH\_ON** sets the ambient temperature below which the backup electric heater is used. If the ambient temperature is above **T4\_IBH\_ON**, the backup electric heater is not used. The relationship between operation of the backup heater and the ambient is shown in Figure 3-7.22.

**dT1\_ASH\_ON** sets the temperature difference between the heat pump's leaving water set temperature (T1S) and the heat pump's leaving water temperature (T1) above which the additional heating source is on. When  $T1S - T1 \geq dT1\_AHS\_ON$  the additional heating source is on.

**t\_ASH\_DELAY** sets the delay between the compressor starting and the additional heating source being turned on.

**T4\_AHS\_ON** sets the ambient temperature below which the additional heating source is used. If the ambient temperature is above **T4\_AHS\_ON**, the additional heating source is not used. The relationship between operation of the additional heating source and the ambient is shown in the picture below.

Figure 3-7.28: T4\_AHS\_ON



Abbreviations:  
AHS: Additional heating source  
T4: Outdoor ambient temperature

IBH LOCATE means IBH is installed for pipe heating.

P\_IBH1, P\_IBH2 set heating capacity of IBH and P\_TBH sets heating capacity of TBH, which are used for energy consumption statistics.