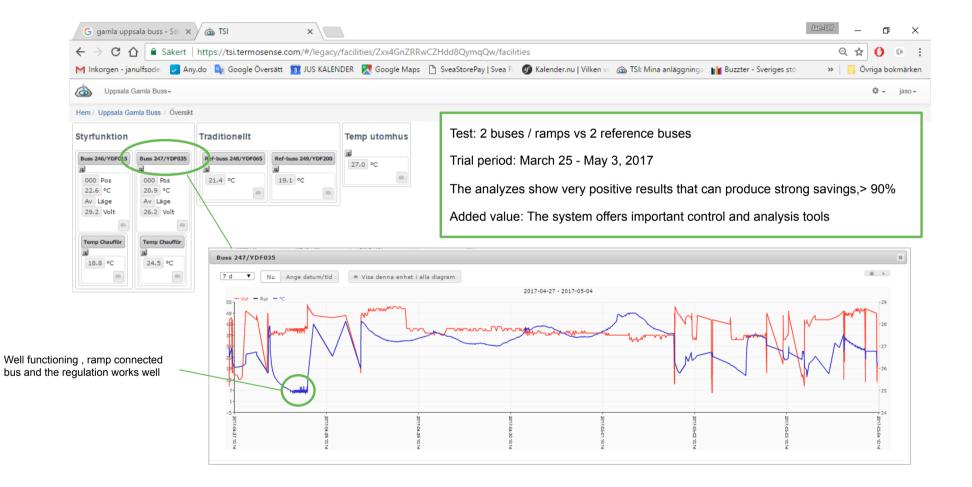


The bus company \_\_\_\_\_ Test 2 x 2 showing strong > 90% saving potential



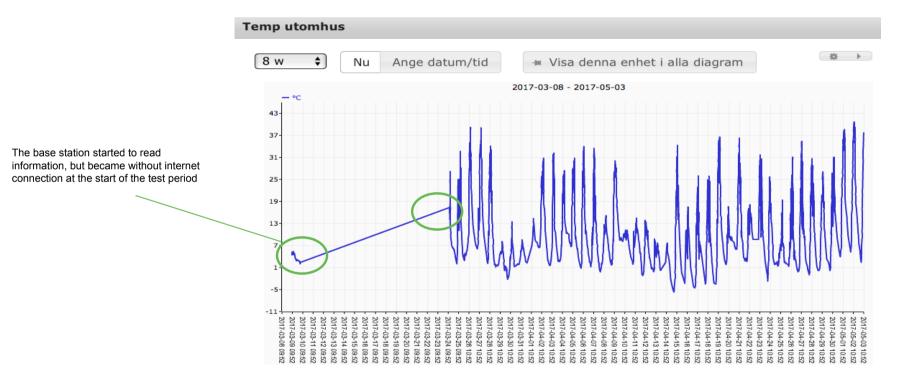
# TermoSense

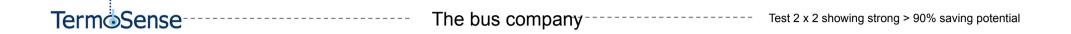
### -The bus company

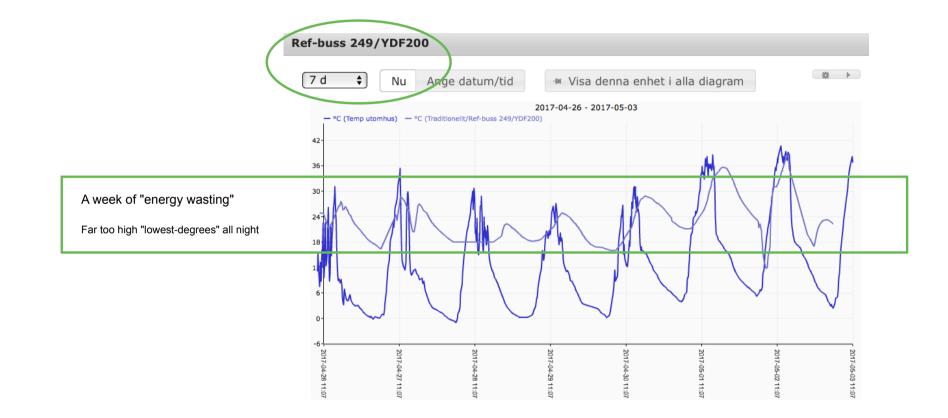
Test 2 x 2 showing strong > 90% saving potential

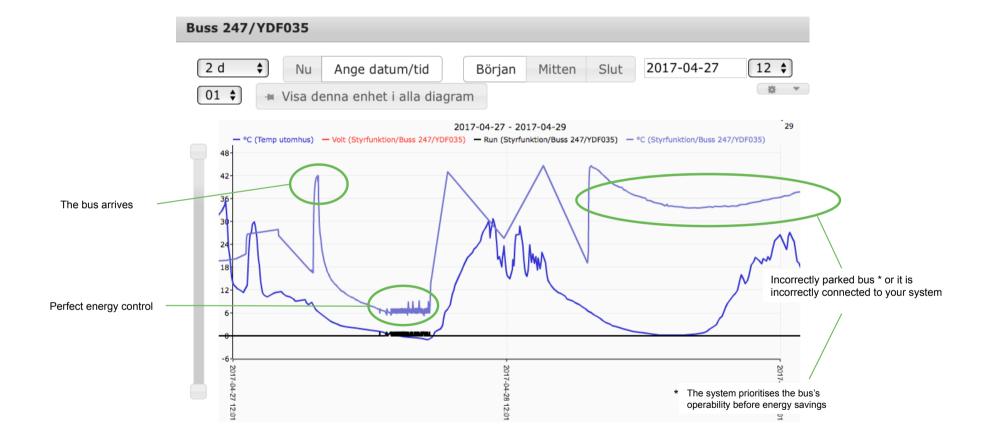
Period during which the base station recorded data: 25 March - 3 May

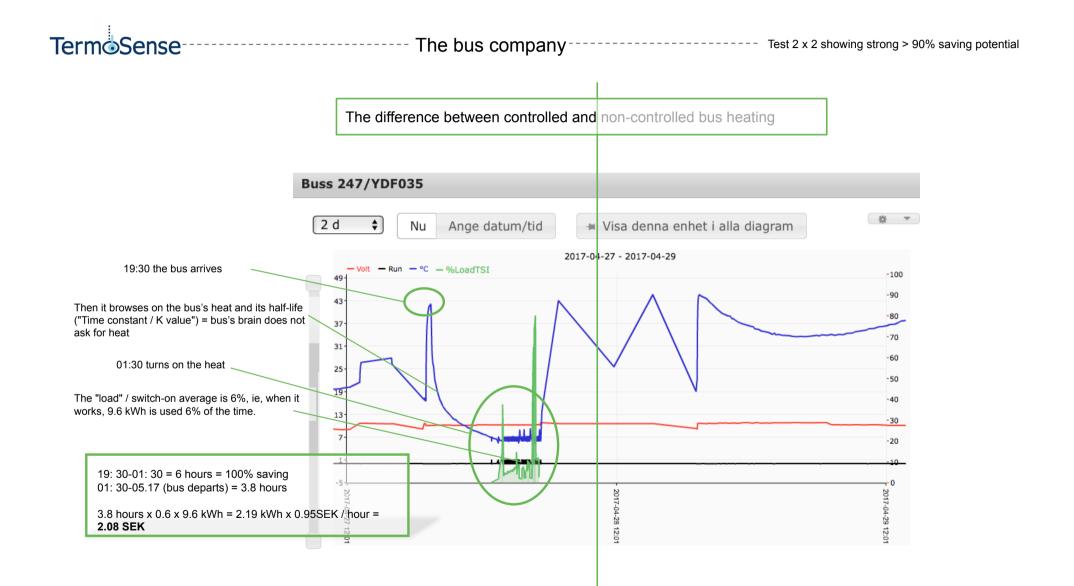
The installation was done on March 9.

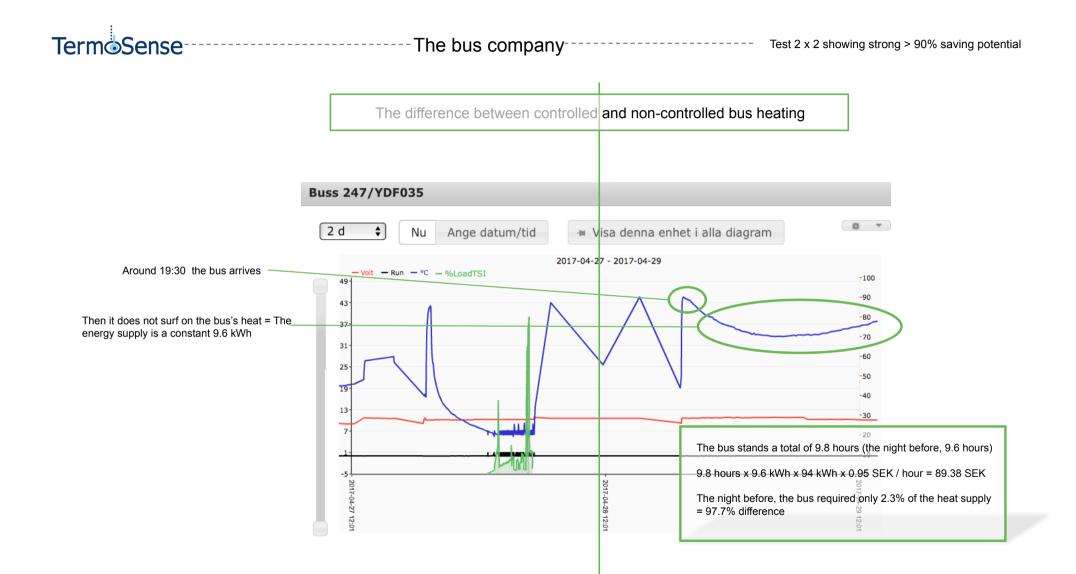




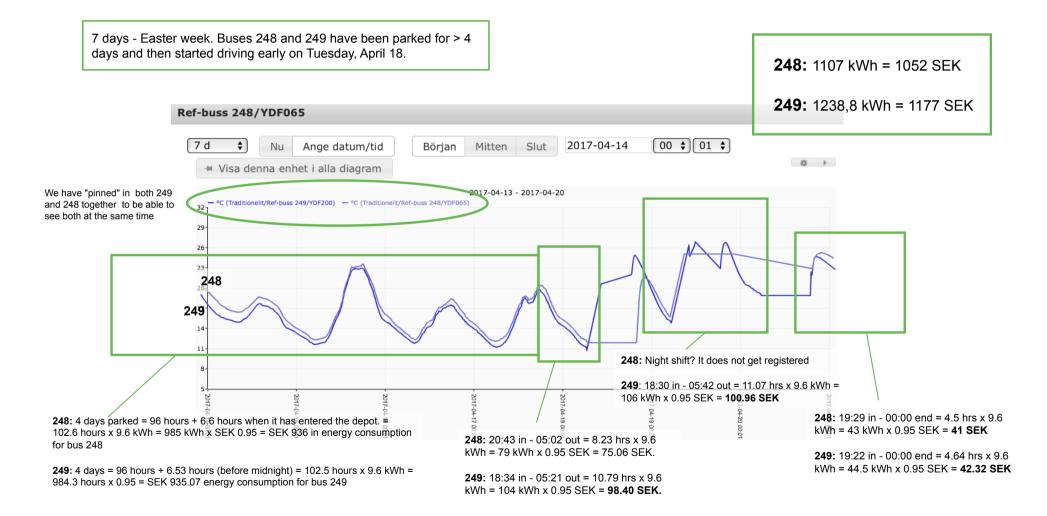


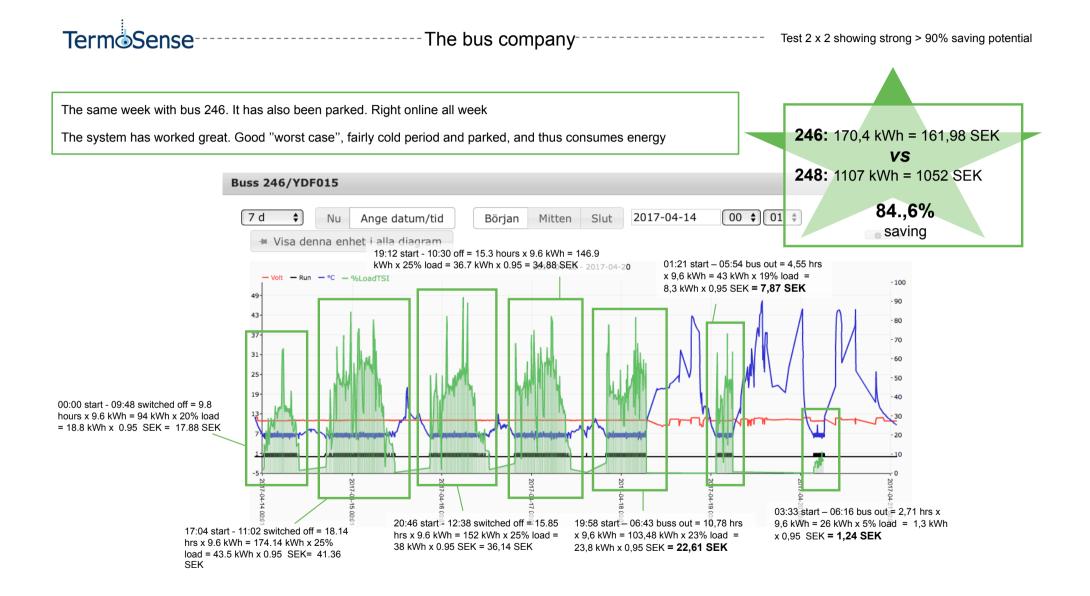












# TermoSense

--The bus company-

Test 2 x 2 showing strong > 90% saving potential

The system provides good control and analysis tools... some examples

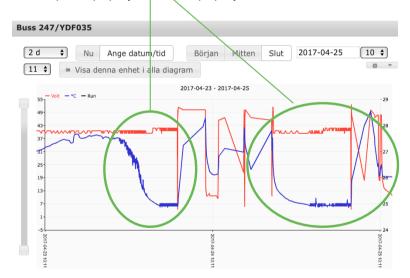
#### Idling

Here we see that 246 started the bus around 5-6 °C and then idled around 10 minutes to warm up the bus. Can be used to talk to staff in case of abuse. Or disprove / clarify with report during discussions.



#### Wrong-/oblique parking and proper parking

Here we see the first night where the bus does not get full contact with the ramp unit, but eventually they make contact. The second night, 247 is parked properly and it works properly.



# TermoSense

----- The bus company--

Test 2 x 2 showing strong > 90% saving potential

The system provides good control and analysis tools... some examples

- The bus heating capacity and the "Time constant / K-value" of the cooling process gives great analysis values, eg.. a cheaper bus vs increased energy consumption. Where is the breaking limit for profitability? Or in price comparisons / negotiations.
- Heating by idling. This is not often seen with positive eyes from an environmental perspective. Risk of unnecessary badwill. The system guarantees full control of all bus temperatures around the clock, eliminating controversial situations where bus drivers are not allowed to drive / move on the bus.
- No need to worry about surprisingly sudden cold nights. The system fixes it. Should the bus still be skewed / fault-parked, the system prioritizes bus operability before energy savings. The system gives full control on which bus is parked where and the exact pattern of the bus, the bus's charging voltage and ability to receive charging.
- Text message alerts in the event of breakdowns and other errors, avoiding surprises and giving traffic time to replace the bus on time, thus avoiding the risk of a penality.

The company's MAN Euro 6, Lion's City buses do not have very good "Time constant / K value", around 550 and the "half-life" we have seen is about 2 hours (other models about 2.67, which saves significantly more energy).