



solarcombi+

## **WP3 – ClimateWell Chiller: First Results**

Solar Combi+ Project meeting

Bergamo 03.-04.03.2009

Alexandra Troi / Patrizia Melograno, EURAC

Identification of most promising markets and promotion of standardised system configurations for the market entry of small scale combined solar heating & cooling applications  
EIE/07/158/SI2.466793 09/2007 – 02/2010

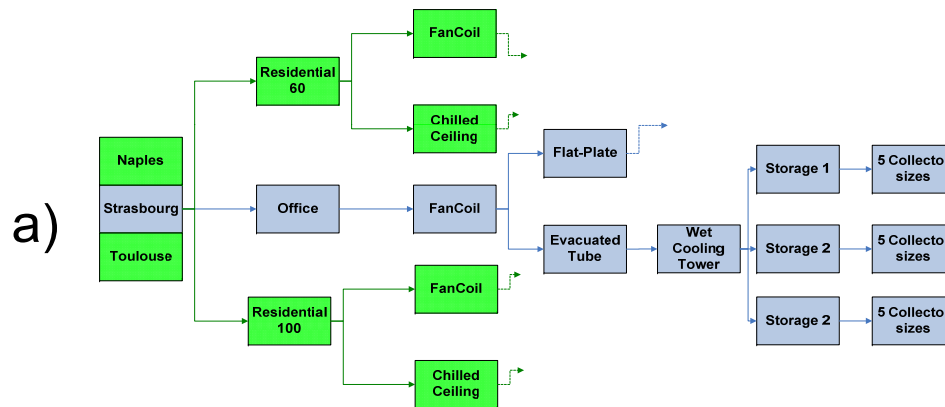
**Intelligent Energy**  **Europe**

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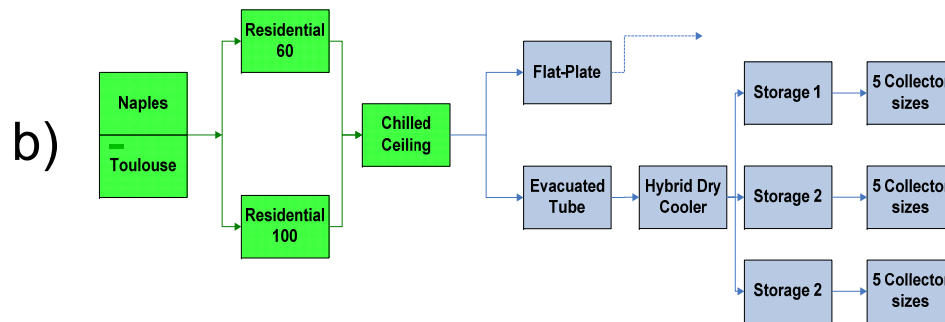


# State of Art of Simulation Work

- Simulations carried out:



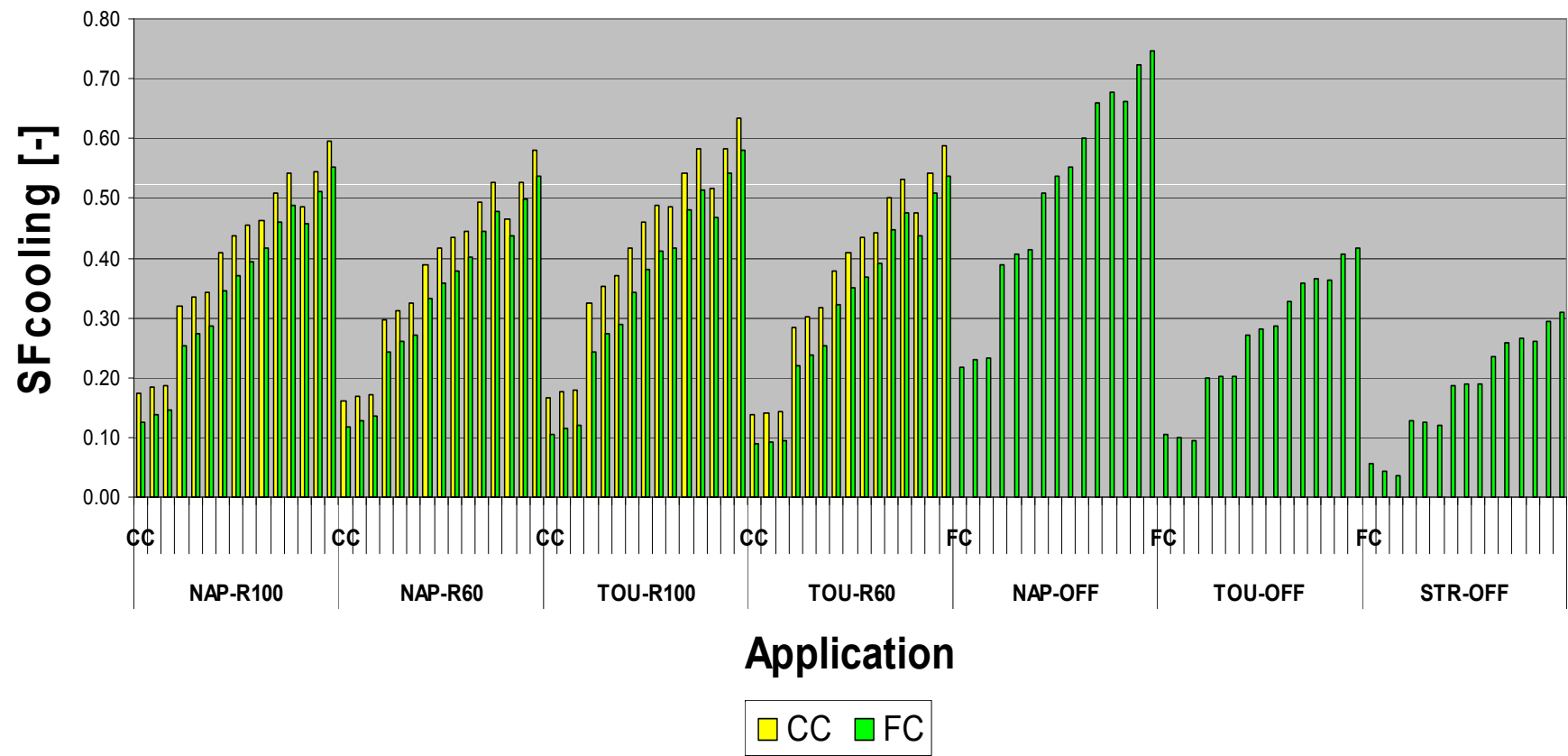
- **Wet Cooling Tower (330)**
- FP,ET Collector
- CC, FC Distribution
- NAP, TOU, STR location
- Off, R60, R100 application

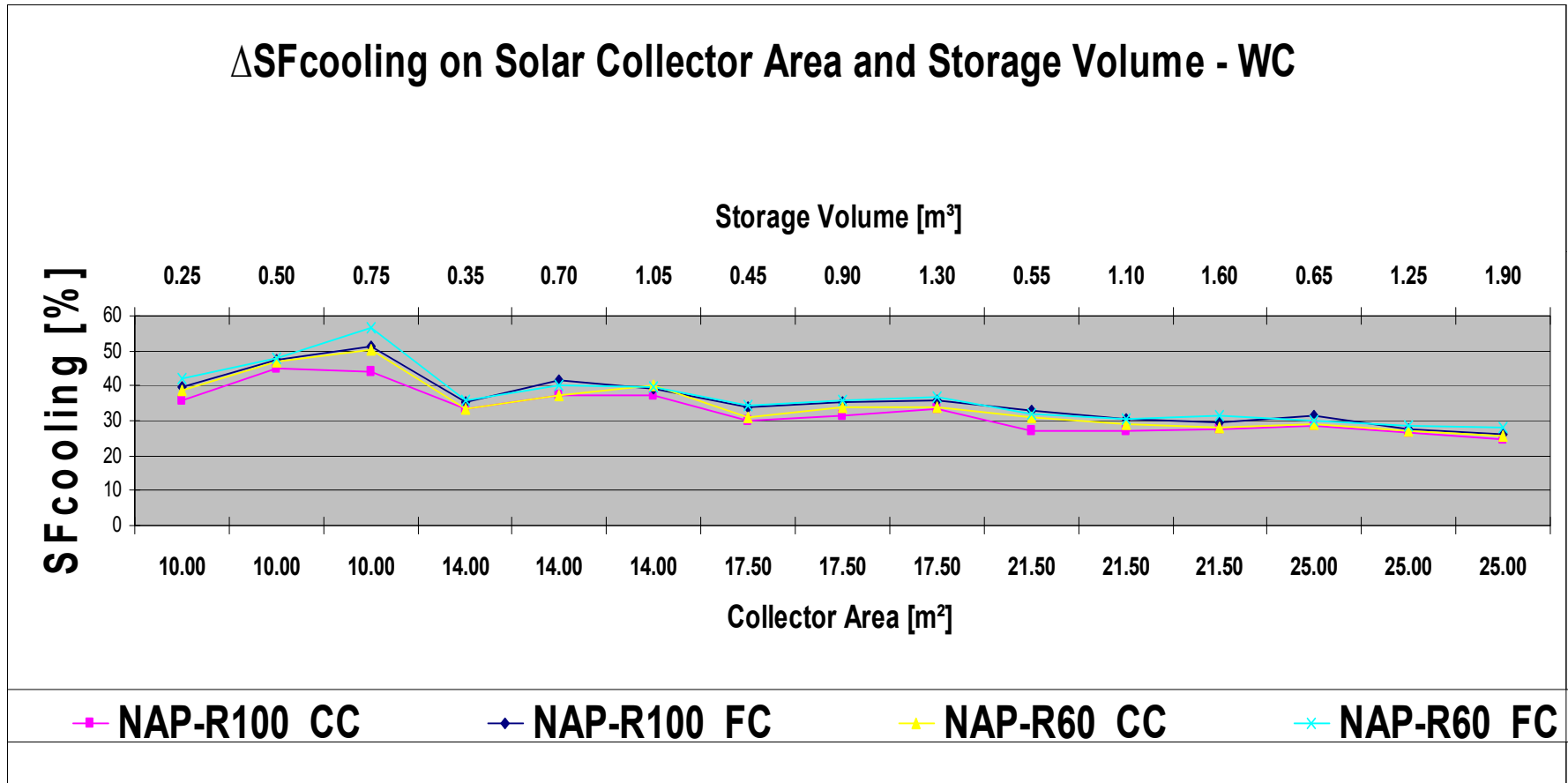


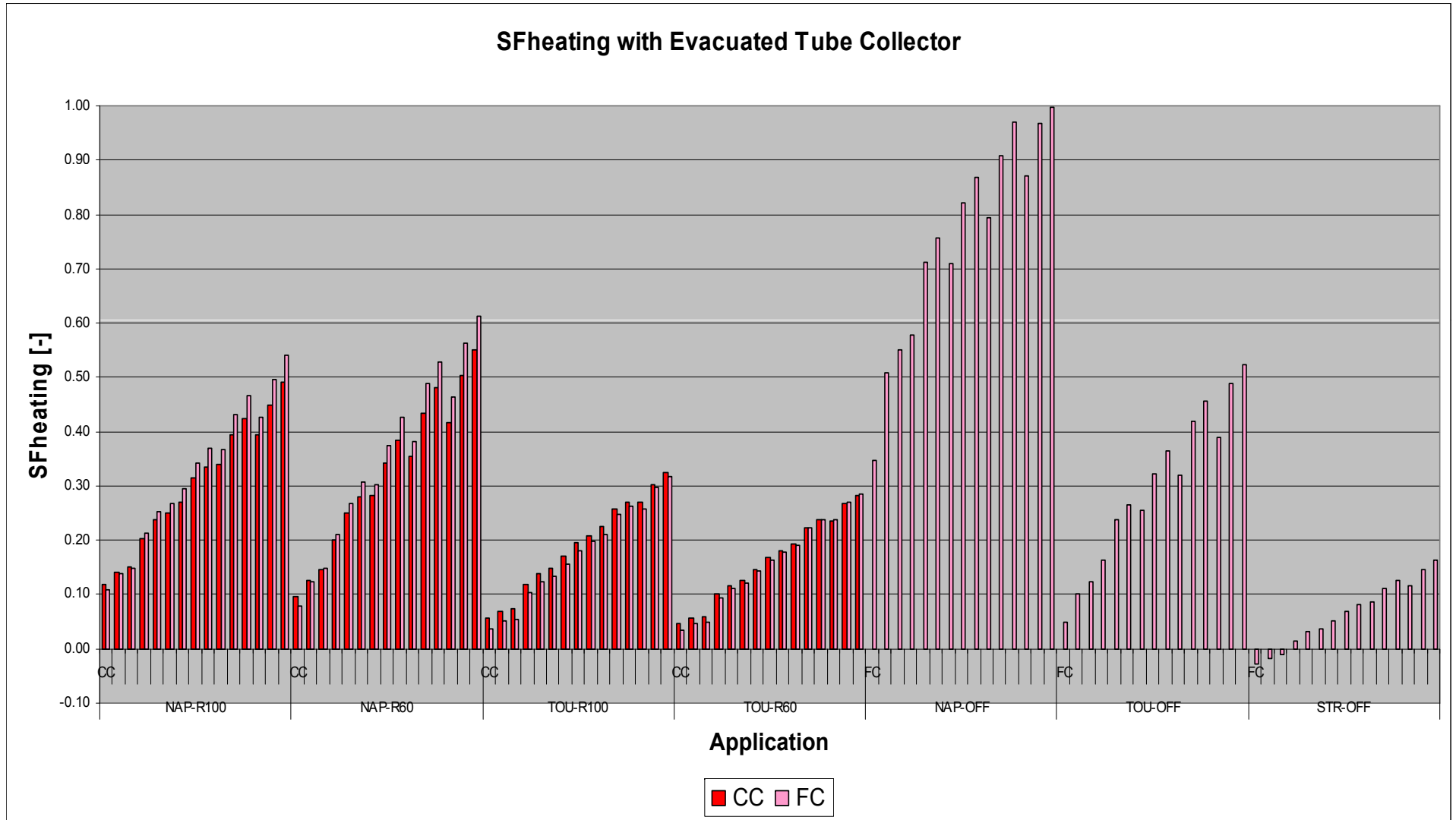
- **Hybrid Dry Cooler (120) (85-32-18)**
- FP,ET Collector
- CC Distribution
- NAP, TOU location
- R60, R100 application

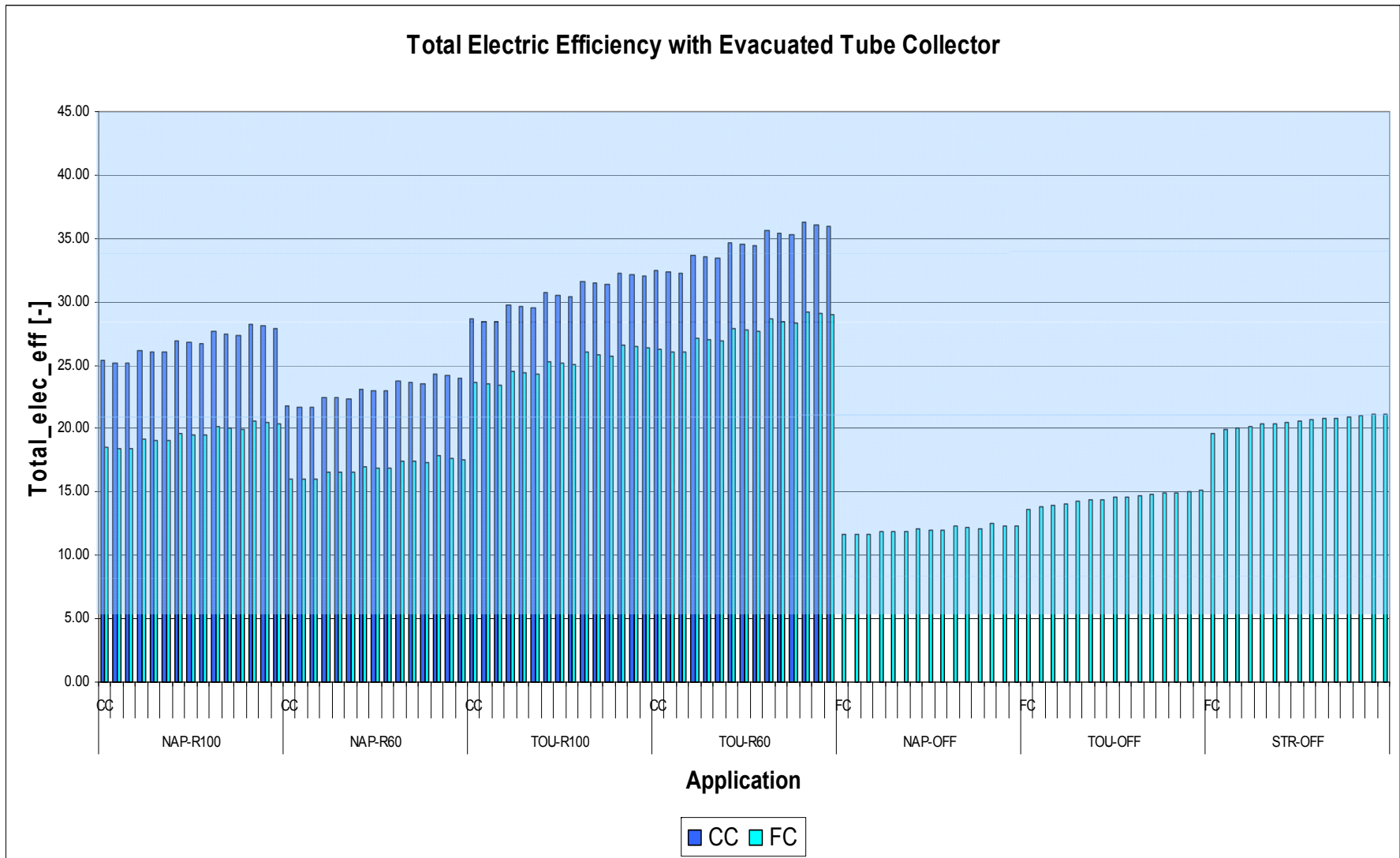


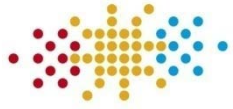
### SFcooling with Evacuated Tube Collector-WC



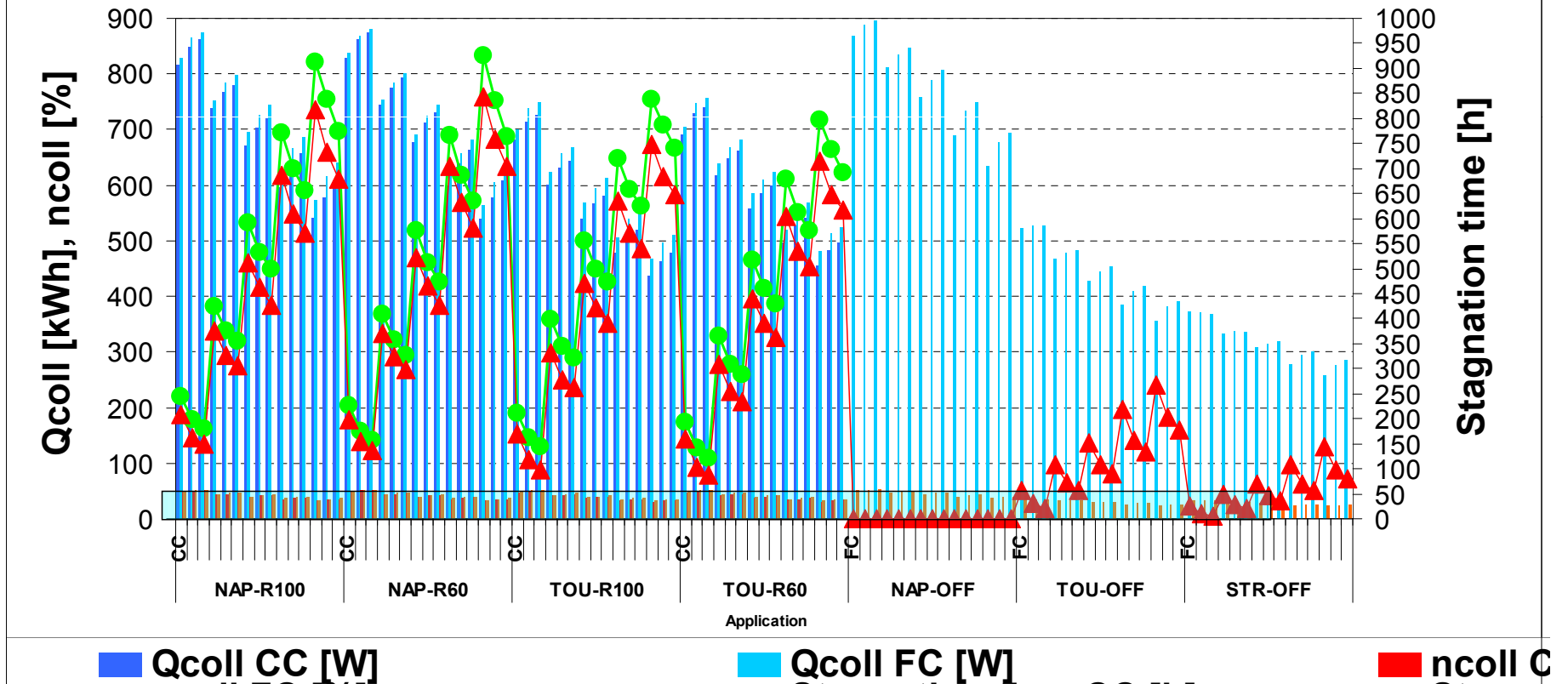






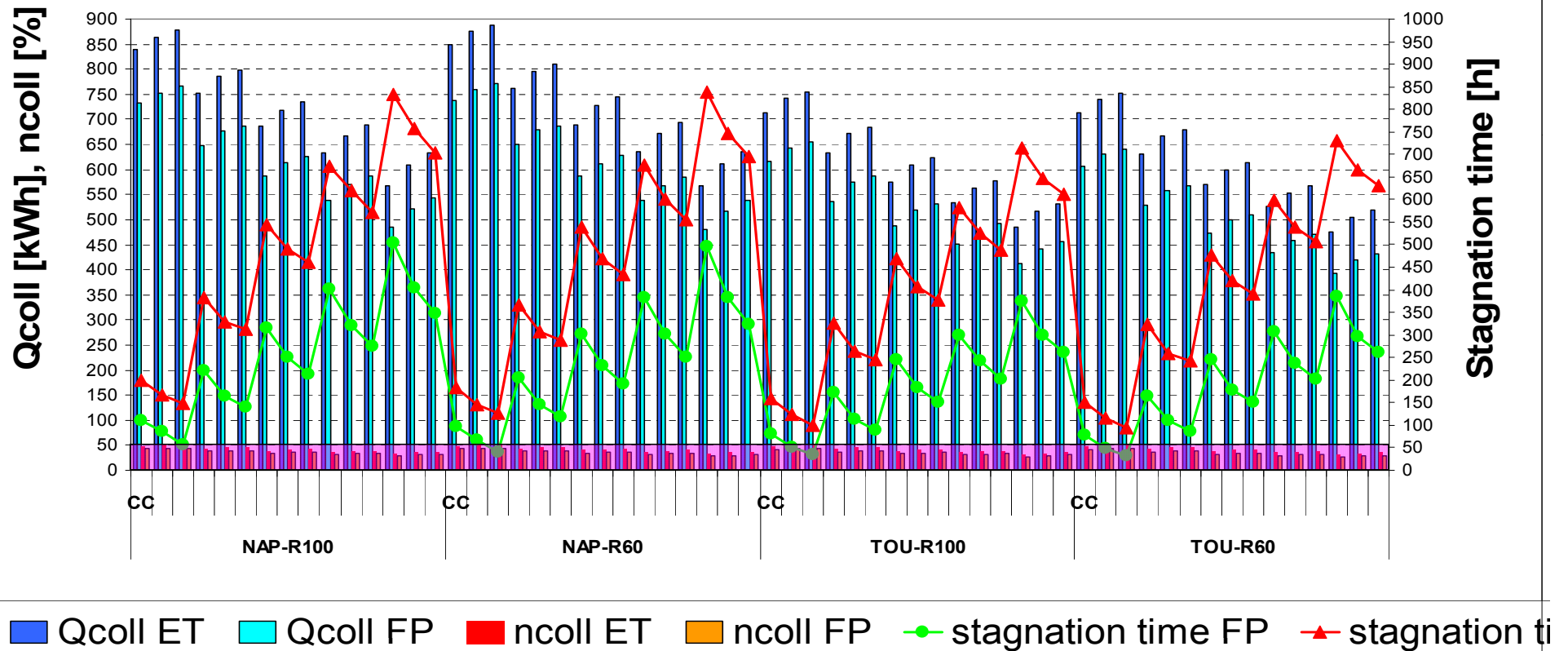


## Efficiency Indexes and Stagnation Time with Evacuated Tube Collector-WC





## Efficiency Indexes and Stagnation Time with Evacuated Tube Collector







## SFCooling and heating with WC and HC

