Cooling Eli Beamlines

Secondary cooling

Well/Municipal water

Cooling tower 1

Cooling tower 2

Free cooling

Primary cooling

Chiller 1

Chiller 2

Chiller 3

Heat exchanger

Low Loss Header/ Cold storage

CH1a HVAC - Clean rooms

CH1 HVAC

CH2 FCU - MF

Common primary cooling distribution

Common primary cooling Collector

CH3 FCU - OF

CH4 FCU - LB

CH5 ELI SERVER

CH 8 HVAC - L and S Floor

CH9 HVAC - E Floor

CH10 HVAC - LB

CH11 CESNET SERVER

CH7 Science Equipment

CH7e
E Floor

Heat exchanger
Tin = 16°C

E1

E2

E3

L4c

E4

E5

E5

E6

Vacuum pumps

CH7 C Laser technology
Tin=10°C

Heat exchanger
Tin=15.5°C

L1

Heat exchanger
Tin=16°C

L2

Heat exchanger
Tin=16.5°C

L3

Heat exchanger
Tin=15°C

L4b

CH7d LB
Tin=13°C

CH7b S floor
Tin=13°C

Heat exchanger
Tin=16,5°C

S2 STA

Vacuum pumps

Vacuum pumps

Liquid helium