

# Cooling power PSB - $\Delta T$ : 15 K – P < 12 bars

Circuit	Room	Maximum present flowrate [m3/h]	Maximum existing cooling power [kW]	Future cooling power need [kW]	Future flow rate need [m3/h]	Tin [°C] 27 °C	DN
Ring	Tunnel	58	1'000				100
Ring	transformer	3.3	57				25
	1-0018	10.7	186				50
	271/1-001	5.3	92				32
Injection	tunnel	6.9	120				40
Transfer	tunnel	20.5	360				65
TT2	tunnel	30	530				80
Techn.	2-007	20.5	360				65
	2-008	6.9	120				40
	1-003	20.5	360				65
	1-012	6.9	120				40
	1-017/1-006	6.9	120				40
	1-210	3.3	57				25

According to the circuit configuration the total power may NOT correspond to the sum of powers in each local