

Users

- Install temporary systems:
 - Request made by GP Di Giovanni & D Hay end last week
 - Answers received at yesterday evening:

	Needed by	CV new planning	With temporary system	Remarks
RF	18/11	15/2/2020	18/11	80 kW or 192 kW? , 30 m3/h – 1) Only during working hours until Dec 2019. Issue for JAN+FEB 2020. 2) EL supply needed tbc 3) 3 days stop needed for testing basic functionalities in January.
EPC	20/1/2020	14/2/2020	Tbc if needed	100 kW, 40 m3/h

TUNNEL CIRCUIT										
Location	User	TOTAL power (KW)	TOTAL Water flow (m3/h)	Max. P [bar]	Max. Δ P [bar]	Min and Max. water supply Temp. [°C]	Date (from)	Day (8hrs) date	24 hr operation date	
RF 5L1 test run										
Ring, 5L1	Finemet	60	20	18	5	Max 27	18.11.2019	20.12.2019		
RF reliability run (Degraded conditions)										
Ring, 5L1	Finemet	100	30?	18	5	Max 27	08.01.2020	20.01.2020	08.01.2020	
Ring, 7L1	Finemet	100	30?	18	5		08.01.2020	20.01.2020	08.01.2020	
Ring, 13L1	Finemet	100	30?	18	5		08.01.2020	20.01.2020	08.01.2020	
RF reliability run (Full power)										
Ring, 5L1	Finemet	192	48	18	5	Max 27	21.01.2020		21.01.2020	
Ring, 7L1	Finemet	192	48	18	5		21.01.2020		21.01.2020	
Ring, 13L1	Finemet	192	48	18	5		21.01.2020		21.01.2020	
SEPTA										
KICKERS										
BI line	BI.DIS ring resistors	5	1	15	12	15 to 28	04.03.2020			
BI.SMV	3 magnet stacks	0.26	0.8	15	12	15 to 28	04.03.2020			
SURFACE CIRCUIT										
Location	User	TOTAL power (KW)	TOTAL Water flow (m3/h)	Max. P [bar]	Max. Δ P [bar]	Min and Max. water supply Temp. [°C]	Date	Day (8hrs)	24 hr operation	
POWER CONVERTERS										
BHP	Power converters	?	40	15	6	20 to 27	20.01.2020		20.01.2020	

- Cavity 5L1 test run starts 18.11.2019 until 20.12.2019 1* 60 [kW], 20 [m3/h] with 8hr operation
- Cavities 5,7 & 13L1 reliability run starts 08.01.2020 until 20.01.2020 3* 100 [kW], 30 [m3/h] with 24hr operation
- Cavities 5,7 & 13L1 full power run starts 21.01.2020 with 3* 192 [kW], 48 [m3/h] with 24hr operation
- BHP power converters require water pressure only from 20.01.2020 ?