

Heat Demand	Unit Loads (kW)	Scenarios						
		1	2	3	4	5	6	7
Cryostat Cooldown load					27.7 (1)			
Recondenser (E) Load					92	64.0	43.7	28.7
Condensers (E) in Operation					2	2	1	1
Condenser Duty (minimum)					46	32	43.7	43.7
Dewar Refrigeration Load								
LAr Storage dewar recondenser	2	2	2	2	2	2	2	2
LN Storage dewar recondenser	2	2	2	2	2	2	2	2
Total Continuous Refrigeration Load		94	68.0	47.7	139.7	111.7	91.4	61.4
Refrigeration Plants in Operation		2	2	2	3	2	2	0
Intermittent Refrigeration Loads								
Purifier Regeneration Load	30	30	30	30	30	30	30	
LAr Sub cooling during Filling	8	8			8			
Peak Refrigeration Load		132	98.0	77.7	177.7	141.7	121.4	61.4
Refrigeration Plants in Operation		2	2	2	3	2	2	0
Duty per plant		66	49	39	59	71	61	