

GRIDPP - UK Tier 1 Experiment Requests: 2024

Q224 data

New allocation TBD

**UK Tier 1 Requests - 2024
CPU (HEPScore23)**

	Average Usage last quarter	Alloc	VO requirements												Apr 2024	
			Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25		
ALICE	10637	18270	18270	18270	18270	18270	18270	18270	18270	18270	18270	18270	18270	18270	18270	18270
ATLAS	192372	239528	239528	239528	239528	239528	239528	239528	239528	239528	239528	239528	239528	239528	239528	239528
CMS	127361	62800	62800	62800	62800	62800	62800	62800	62800	62800	62800	62800	62800	62800	62800	62800
LHCb	205464	180519	180519	180519	180519	180519	180519	180519	180519	180519	180519	180519	180519	180519	180519	180519
DUNE	916	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
NA62	7840	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
LSST	70	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000
Allocation for remaining non-lhc		46145.2	46145	46145	46145	46145	46145	46145	46145	46145	46145	46145	46145	46145	46145	46145
TOTAL	544660	566262	566262	566262	566262	566262	566262	566262	566262	566262	566262	566262	566262.21	566262	566262	566262.2
LCG Total	535834	501117	501117	501117	501117	501117	501117	501117	501117	501117	501117	501117	501117	501117	501117	501117
Sum of Non-LHC	7910	65145	65145	65145	65145	65145	65145	65145	65145	65145	65145	65145	65145	65145	65145	65145
Overhead		22650	22650	22650	22650	22650	22650	22650	22650	22650	22650	22650	22650	22650	22650	22650
CURR CAPACITY	710000	710000	690000	690000	690000	690000	690000	690000	690000	690000	690000	690000	690000	690000	690000	690000
HEADROOM	165340	121087	101087	101087	101087	101087	101087	101087	101087	101087	101087	101087	101087	101087	101087	101087

WLCG 2022 pledge	WLCG 2023 pledge	WLCG Pledge 2024
14940	17071	18072
192557	215507	239432
52000	62800	62800
146665	180691	180519
406162	476069	500823

Quarters HS23	Wallclock Hours
ALICE	22976266
ATLAS	415523293
CMS	275099882
LHCb	443802330
DUNE	1979338
NA62	16933501
LSST	152056

(Includes LiGO?, SKAtelescope...)

Usually 5% - set to zero for now
Estimated Capacity dependant on next purchase

**UK Tier 1 Requests - 2024
DISK(TeraBytes)**

	Jul 24 Used	Alloc	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	WLCG 2022 Pledge	WLCG 2023 pledge	WLCG pledge 2024
ALICE	1224	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	1646	1923	2051
ATLAS	25373	25754	25754	25754	25754	25754	25754	25754	25754	25754	25754	25754	25754	25754	17182	20768	25744
CMS	7209	7686	7686	7686	7686	7686	7686	7686	7686	7686	7686	7686	7686	7686	5440	7484	7694
LHCb	10878	15178	15178	15178	15178	15178	15178	15178	15178	15178	15178	15178	15178	15178	12474	15720	15724
GridPP Non-LHC VO's		1836	2028	2028	2028	2028	2028	2028	2028	2028	2028	2028	2028	2028			
IRIS Funded																	
Dune (IRIS sub allocation)	981	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000			
DLS (IRIS sub allocation)		1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000			
IRIS Unallocated			2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000			
LSST	15	2250	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000			
RFI		7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000			
LCG Total	0	44684	50692	50692	50692	50692	50692	50692	50692	50692	50692	50692	50692	50692	36742	45895	51213
Echo TOTAL Allocated			60720	60720	60720	60720	60720	60720	60720	60720	60720	60720	60720	60720			
Echo CURR CAPACITY			72000	72000	72000	72000	72000	72000	72000	72000	72000	72000	72000	72000			
Echo HEADROOM			11280	11280	11280	11280	11280	11280	11280	11280	11280	11280	11280	11280			

Need to check the total allocatable

Request to expand this out for main users

2024 global target	GridPP6 percentage	
71500	2.9%	
163000	15.8%	
122000	6.3%	
61200	24.8%	

**UK Tier 1 Requests - 2024
TAPE(TeraBytes)**

	Jul 24 Used	Alloc	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Apr 2025	WLCG 2022 Pledge	WLCG 2023 pledge	WLCG Pledge 2024
ALICE	1727	3103	3103	3103	3103	3103	3103	3103	3103	3103	3103	3103	3103	3103	3103	1885	2504	3103
ATLAS	67087	71416	71416	71416	71416	71416	71416	71416	71416	71416	71416	71416	71416	71416	71416	40289	52981	71416
CMS	17865	24528	24528	24528	24528	24528	24528	24528	24528	24528	24528	24528	24528	24528	24528	17600	24528	23940
LHCb	21677	33058	33058	33058	33058	33058	33058	33058	33058	33058	33058	33058	33058	33058	33058	32776	39937	33058
ILC	216	400	400	400	400	400	400	400	400	400	400	400	400	400	400			
MICE	62	100	100	100	100	100	100	100	100	100	100	100	100	100	100			
NA62	15803	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000			
T2K	658	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300			
MINOS		20	20	20	20	20	20	20	20	20	20	20	20	20	20			
SOLID	1700	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000			
SNO+	623	700	700	700	700	700	700	700	700	700	700	700	700	700	700			
DIRAC	2605	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000			
TOTAL	130023	155625	155625	155625	155625	155625	155625	155625	155625	155625	155625	155625	155625	155625	156625			
LCG Total	108356	132105	132105	132105	132105	132105	132105	132105	132105	132105	132105	132105	132105	132105	132105			
Non-LHC Total	21667	23520	23520	23520	23520	23520	23520	23520	23520	23520	23520	23520	23520	23520	24520.0			
Percentage non-LHC	20%	18%	18%	18%	18%	18%	18%	18%	18%	18%	18%	18%	18%	18%	19%	92550	119950	
CURR CAPACITY	121740	121740	152000	152000	152000	152000	152000	152000	152000	152000	152000	152000	152000	152000	152000			
HEADROOM	-8283.0	-33885.0	-3625.0	-3625.0	-3625.0	-3625.0	-3625.0	-3625.0	-3625.0	-3625.0	-3625.0	-3625.0	-3625.0	-3625.0	-4625.0			

Note any increased allocation compared to UK fraction, is to not reduce from previous allocations. These match CRIC

2024 global target

107000
452000
380000
133300

New allocation 16PB Apr 24 email on 06/03/24

Raised to 2000 from April
Raising SNO+ to 700 inline with usage from April 24

Notes:
1. WLCG pledges to be taken from CRIC