

Comparison of New Requirements with Current Pledges

CERN Tier0 + CAF	2007	2008	2009	2010
CPU (kSI2K) required	7570	21080	28440	43250
CPU (kSI2K) pledged	7570	21080	28440	29700
Balance	0%	0%	0%	-31%
Disk (Tbytes) required	1290	4150	6930	12590
Disk (Tbytes) pledged	1290	4150	6930	8700
Balance	0%	0%	0%	-31%
Tape (Tbytes) required	2280	10690	23410	41080
Tape (Tbytes) pledged	2280	10690	23410	28000
Balance	0%	0%	0%	-32%

Tier1s	2007	2008	2009	2010
CPU (kSI2K) required	13113	42523	68623	116143
CPU (kSI2K) pledged	18424	47735	70568	104944
Balance	40%	12%	3%	-10%
Disk (Tbytes) required	6277	21784	38885	66308
Disk (Tbytes) pledged	9069	24037	35312	53615
Balance	44%	10%	-9%	-19%
Tape (Tbytes) required	6857	28684	55500	92092
Tape (Tbytes) pledged	7997	23621	40267	58880
Balance	17%	-18%	-27%	-36%

CERN Tier0 + CAF CPU	2007	2008	2009	2010
ALICE	900	7250	8940	8940
ATLAS	2730	5770	6560	10700
CMS	3800	7700	11900	22100
LHCb	140	360	1040	1510
TOTAL	7570	21080	28440	43250

Tier1 CPU	2007	2008	2009	2010
ALICE	3030	10230	18430	22930
ATLAS	3173	18123	28423	49573
CMS	6200	12400	16900	36900
LHCb	710	1770	4870	6740
TOTAL	13113	42523	68623	116143

CERN Tier0 + CAF Disk	2007	2008	2009	2010
ALICE	360	1060	1830	4260
ATLAS	290	1140	1810	3250
CMS	500	1600	2300	3800
LHCb	140	350	990	1280
TOTAL	1290	4150	6930	12590

Tier1 Disk	2007	2008	2009	2010
ALICE	2010	5220	7940	9870
ATLAS	2157	9939	19686	39488
CMS	1700	5600	8500	13700
LHCb	410	1025	2759	3250
TOTAL	6277	21784	38885	66308

CERN Tier0 + CAF Tape	2007	2008	2009	2010
ALICE	390	2220	5850	9480
ATLAS	440	2740	5890	12390
CMS	1200	5100	9400	15000
LHCb	250	630	2270	4210
TOTAL	2280	10690	23410	41080

Tier1 Tape	2007	2008	2009	2010
ALICE	1970	7030	13980	20930
ATLAS	1543	7694	14950	28698
CMS	3000	13100	23500	36600
LHCb	344	860	3070	5864
TOTAL	6857	28684	55500	92092

Tier2s	2007	2008	2009	2010
CPU (kSI2K) required	15926	46874	79923	128885
CPU (kSI2K) pledged	28295	48152	64316	82074
Balance	78%	3%	-20%	-36%
Disk (Tbytes) required	3543	14413	25315	40365
Disk (Tbytes) pledged	6847	12836	19261	25080
Balance	93%	-11%	-24%	-38%

Tier2 CPU	2007	2008	2009	2010
ALICE	4170	9630	15970	20760
ATLAS	2336	17494	26973	51545
CMS	7600	15200	25600	45200
LHCb	1820	4550	11380	11380
TOTAL	15926	46874	79923	128885

Tier2 Disk	2007	2008	2009	2010
ALICE	980	2460	3780	4910
ATLAS	1259	7744	13112	22132
CMS	1300	4200	8400	13300
LHCb	4	9	23	23
TOTAL	3543	14413	25315	40365