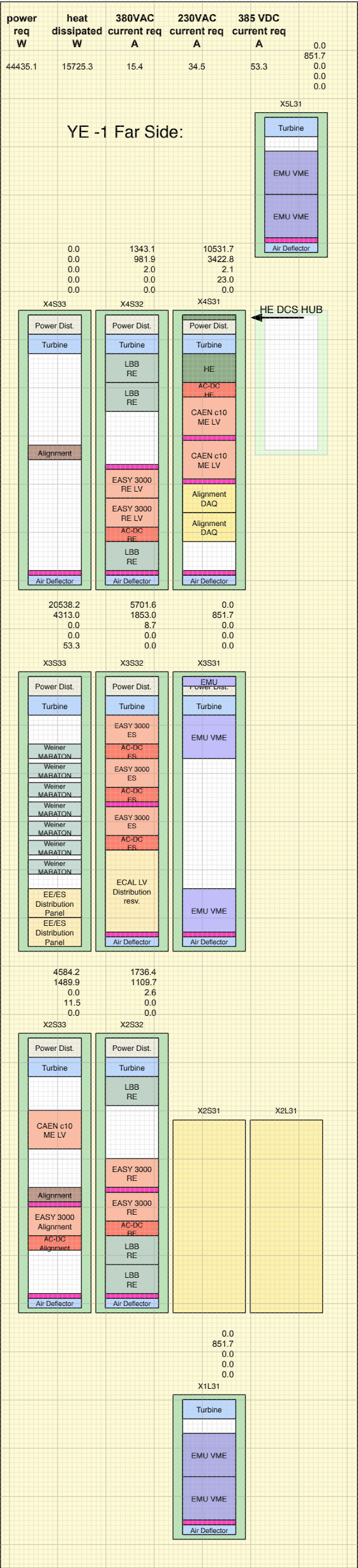


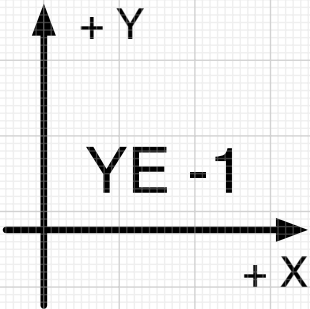
YE -1 Total:

Power figures updated 14 Oct 05
Layout updated 15 Nov 05

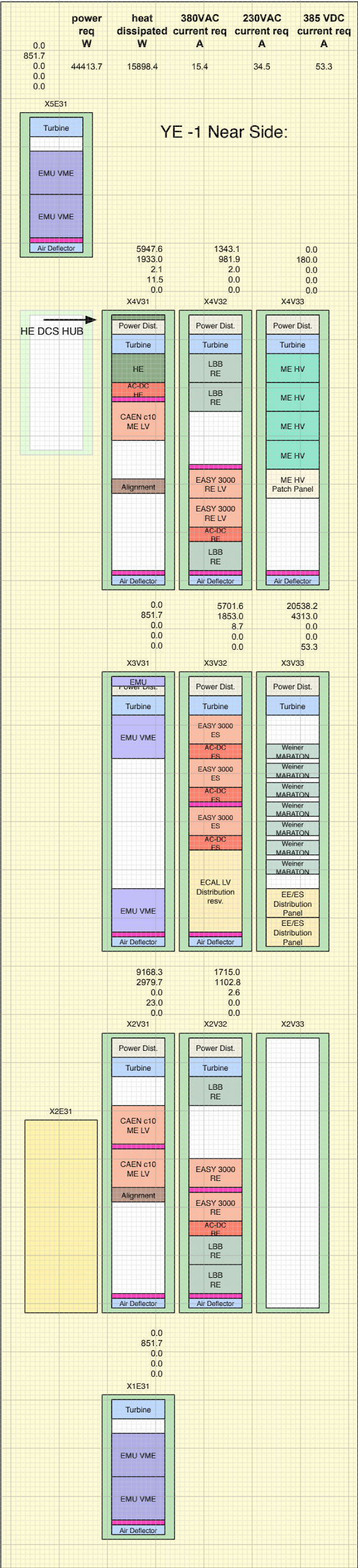
power req W	heat dissipated W	380VAC current req A	230VAC current req A	385 VDC current req A
88848.9	31623.7	30.8	69.0	106.7



Power req	(W)
Heat dissipated	(W)
380 VAC current req.	(A)
230 VAC current req.	(A)
385 VDC current req.	(A)



Power req	(W)
Heat dissipated	(W)
380 VAC current req.	(A)
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385 VDC current req.	(A)



Power req	(W)
Heat dissipated	(W)
380 VAC current req.	(A)
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Power req	(W)
Heat dissipated	(W)
380 VAC current req.	(A)
230 VAC current req.	(A)
385 VDC current req.	(A)

Power req	(W)
Heat dissipated	(W)
380 VAC current req.	(A)
230 VAC current req.	(A)
385 VDC current req.	(A)

Cable #	Voltage	Type	Sys	Length m	Resistivity Ohm/km	Current A	Voltage drop V	Heat W	Dia. mm
1	380 VAC	4x10 mm²	RE	10	2.10	4.7	0.1	1.4	22.0
2	380 VAC	4x10 mm²	ES	10	2.10	8.7	0.2	4.7	22.0
3	380 VAC	4x10 mm²	HE	10	2.10	2.1	0.0	0.3	22.0
4	230 VAC	4x10 mm²	ME	10	2.10	11.5	0.2	8.3	22.0
5	230 VAC	4x10 mm²	ME	10	2.10	11.5	0.2	8.3	22.0
6	230 VAC	4x10 mm²	ME	10	2.10	11.5	0.2	8.3	22.0
7	385VDC	10x6 mm²	EE	10	3.55	22.7	12.2	12.2	33.0
8	385 VDC	2x6 mm²	EE	10	3.55	8.0	0.3	4.5	33.0
		2x6 mm²		10	3.55	8.0	0.3	4.5	
		2x6 mm²		10	3.55	6.7	0.2	3.2	
		2x6 mm²		10	3.55	30.7	0.3	16.8	
		2x6 mm²		10	3.55	8.0	0.3	4.5	
		2x6 mm²		10	3.55	8.0	0.3	4.5	

Patch Panels

Only YE-1 cables shown

Cable #	Voltage	Type	Sys	Length m	Resistivity Ohm/km	Current A	Voltage drop V	Heat W	Dia. mm
1	380 VAC	4x10 mm²	RE	10	2.10	4.6	0.1	1.4	22.0
2	380 VAC	4x10 mm²	ES	10	2.10	8.7	0.2	4.7	22.0
3	380 VAC	4x10 mm²	HE	10	2.10	2.1	0.0	0.3	22.0
4	230 VAC	4x10 mm²	ME	10	2.10	11.5	0.2	8.3	22.0
5	230 VAC	4x10 mm²	ME	10	2.10	11.5	0.2	8.3	22.0
6	230 VAC	4x10 mm²	ME	10	2.10	11.5	0.2	8.3	22.0
7	385VDC	10x6 mm²	EE	10	3.55	22.7	12.2	12.2	33.0
8	385 VDC	2x6 mm²	EE	10	3.55	8.0	0.3	4.5	33.0
		2x6 mm²		10	3.55	8.0	0.3	4.5	
		2x6 mm²		10	3.55	6.7	0.2	3.2	
		2x6 mm²		10	3.55	30.7	0.3	16.8	
		2x6 mm²		10	3.55	8.0	0.3	4.5	
		2x6 mm²		10	3.55	8.0	0.3	4.5	