

NCSX Cost Summary (as spent \$kBA)

	MIE Estimate	Contingency (balance from 1/1/04)		Total
		% on Balance	\$	
1 - Stellarator Core Systems	\$42,355	31%	\$11,480	\$53,835
11 - In-Vessel Components	\$8	0%	\$0	\$8
12 - Vacuum Vessel Systems	\$6,066	38%	\$1,759	\$7,825
13 - Conventional Coils	\$4,168	27%	\$1,066	\$5,234
14 - Modular Coils	\$20,548	33%	\$5,583	\$26,131
15 - Structures	\$1,450	32%	\$460	\$1,910
16 - Coil Services	\$1,037	25%	\$258	\$1,295
17 - Cryostat and Base Support Struct	\$1,305	29%	\$378	\$1,683
18 - Field Period Assembly	\$5,110	32%	\$1,615	\$6,725
19 - Stellarator Core Mgt and Integration	\$2,663	16%	\$361	\$3,024
2 - Plasma Heating, Fueling & Vac Systems	\$1,627	15%	\$212	\$1,840
21 - Fueling Systems	\$140	14%	\$20	\$160
22 - Torus Vacuum Pumping Systems	\$384	12%	\$45	\$430
25 - Neutral Beam Injection System	\$1,103	13%	\$147	\$1,251
3 - Diagnostics	\$1,681	28%	\$419	\$2,100
31 - Magnetic Diagnostics	\$454	30%	\$136	\$590
36 - Edge and Divertor Diagnostics	\$99	20%	\$20	\$119
38 - Electron Beam (EB) Mapping	\$292	34%	\$99	\$391
39 - Diagnostics Integration	\$836	20%	\$164	\$1,000
4 - Electrical Power Systems	\$5,318	20%	\$1,050	\$6,368
41 - AC Power	\$611	18%	\$110	\$721
42 - AC/DC Converters	\$24	18%	\$4	\$28
43 - DC Systems	\$2,147	23%	\$485	\$2,632
44 - Control and protection Systems	\$1,593	18%	\$290	\$1,883
45 - Power System Design and Integration	\$861	17%	\$144	\$1,006
46 - FCPC Building Modifications	\$81	21%	\$17	\$98
5 - Central I&C Systems	\$2,580	10%	\$252	\$2,832
51 - TCP/IP Infrastructure Systems	\$429	5%	\$21	\$450
52 - Central Instrumentation & Control	\$578	10%	\$58	\$636
53 - Data Acquisition & Facility Computing	\$408	16%	\$65	\$473
54 - Facility Timing & Synchronization	\$352	14%	\$49	\$401
55 - Real Time Plasma & Pwr Supply Cntrl	\$293	8%	\$23	\$317
56 - Central Safety Interlock Systems	\$400	8%	\$32	\$432
57 - Control Room Facility	\$120	3%	\$4	\$123
6 - Facility Systems	\$2,038	20%	\$406	\$2,443
61 - Water Systems	\$532	20%	\$106	\$638
62 - Cryogenic Systems	\$747	20%	\$149	\$897
63 - Utility Systems	\$121	20%	\$24	\$145
64 - PFC/VV Heating & Cooling	\$629	20%	\$126	\$755
65 - Facility Systems Integration	\$9	0%	\$0	\$9
7 - Test Cell preparation and Machine Assy	\$4,254	19%	\$784	\$5,038
71 - Shield Wall Seismic Modifications	\$27	0%	\$0	\$27
72 - Control Room Refurbishment	\$48	10%	\$5	\$53
73 - Platform Design & Fabrication	\$196	6%	\$12	\$208
74 - Machine Assy Planning and Oversight	\$1,527	10%	\$158	\$1,685
75 - Test Cell and Basement Assy Ops	\$2,234	25%	\$556	\$2,790
76 - Tooling Design & Fabrication	\$221	24%	\$53	\$274
8 - Project Oversight and Support	\$9,611	17%	\$1,308	\$10,919
81 - Project Management and Control	\$3,195	12%	\$382	\$3,578
82 - Project Engineering	\$4,689	13%	\$597	\$5,286
84 - Project Physics	\$501	1%	\$7	\$508
85 - Integrated Systems Testing	\$1,225	26%	\$322	\$1,546
PPPL Allocations	\$956	0%	\$0	\$956
	\$70,419		\$15,911	\$86,330
FY03 Cost =	\$5,942			
FY04 Cost (Oct-Dec)	\$2,524			
Balance =	\$61,953	26%	\$15,911	\$86,330