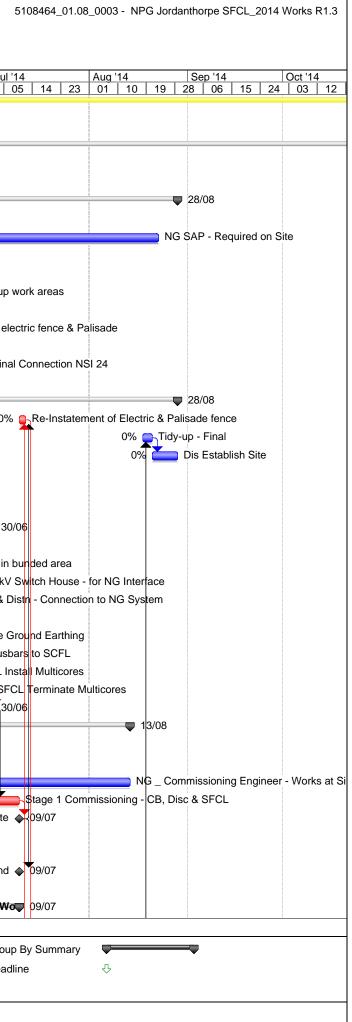


Northern Power Grid Jordanthorpe - 33kV Superconducting Fault Current Limiter (SFCL) Project

ID	0	Task Name	Duration	Start	Finish	% Complete A	pr '14 May '14 Jun '14 Jul 06 15 24 03 12 21 30 08 17 26
0		5108464_01.08_0003 - NPG Jordanthorpe SFCL_2014 Works R1.3	184 days?	Wed 12/02/14	Sun 26/10/14		rdanthorpe SFCL_2014 Works R1.3
1		2013 Outage Window	151 days?	Sun 30/03/14	Sun 26/10/14	0% 0/03 —20	13 Outage Window
4							
8		Settings Confirmed by NG	0 days	Mon 31/03/14	Mon 31/03/14	0% y NG 🔶 3	31/03
9		Phase 4 - Site Works - Part A	143 days?	Wed 12/02/14	Thu 28/08/14	0% - Part A	
10		NG SAP - RAMs Review	5 days	Mon 03/03/14	Fri 07/03/14	0% P - RAMs	Review
11		NG SAP - Required on Site	75 days?	Mon 12/05/14	Fri 22/08/14	0%	0%
12 13		Civil's - Part 1	9 days	Mon 12/05/14	Thu 22/05/14	0%	12/05 Civil 22/05
14		NG SAP - Issue Safety Docs set up work areas	1 day	Mon 12/05/14	Mon 12/05/14		0% NG SAP - Issue Safety Docs set up
15		Establish Site	5 days	Mon 12/05/14	Fri 16/05/14		0%
16		Fencing Remove 4 sections electric fence & Palisade	2 days	Mon 12/05/14	Tue 20/05/14		0% Fencing Remove 4 sections ele
17		NSI 24 SAP Required	1 day	Thu 22/05/14	Thu 22/05/14		0% NSI 24 SAP Required
18		Below Ground Earthing - Final Connection NSI 24	1 day	Thu 22/05/14	Thu 22/05/14		0% Below Ground Earthing - Fina
19		Below Ground Landning - Final Connection NGI 24	Tuay	1110 22/03/14	1110 22/03/14	078	Ung Below Glound Latting - Fina
20		Civil's - Part 2	64 days	Mon 02/06/14	Thu 28/08/14	0%	02/06 Civil's - Part 2
21		Re-Instatement of Electric & Palisade fence	2 days	Thu 10/07/14	Fri 11/07/14	0%	0%
22		Tidy-up - Final	3 days	Mon 18/08/14	Wed 20/08/14	0%	
23		Dis Establish Site	6 days	Thu 21/08/14	Thu 28/08/14	0%	
24							
25		P&C FAT on site	1 day	Mon 02/06/14	Mon 02/06/14	0%	0% P&C FAT on site
26 27		Electrical	31 days	Mon 19/05/14	Mon 30/06/14	0%	19/05 Electrical 30
28		Electrical Establish	2 days	Mon 19/05/14	Tue 20/05/14		0%
29		Installation of Bus Bars in bunded area	5 days	Wed 21/05/14	Tue 27/05/14		0% Installation of Bus Bars in
30		Install Multicores - 33kV Switch House - for NG Interface	5 days	Mon 26/05/14	Fri 30/05/14		0% Install Multicores - 33kV
31	-	110V DC Cabling & Distn - Connection to NG System	2 days	Mon 02/06/14	Tue 03/06/14		0% 110V DC Cabling & D
32		SFCL On Site	0 days	Mon 09/06/14	Mon 09/06/14		SFCL On Site 09/06
33		SFCL Above Ground Earthing	5 days	Mon 09/06/14	Fri 13/06/14		0% SFCL Above G
34		Install Busbars to SCFL	3 days	Mon 16/06/14	Wed 18/06/14		0%Install_Busk
35		SFCL Install Multicores	3 days	Thu 19/06/14	Mon 23/06/14		0% SFCL Ir
36		SFCL Terminate Multicores	5 days	Tue 24/06/14	Mon 30/06/14		
37		SFCL LVAC	0 days	Mon 30/06/14	Mon 30/06/14		SFCL LVAC
38		Stage 1 Commissioning	132 days	Wed 12/02/14	Wed 13/08/14		
39		NG _ Commissioning Engineer - CP Pre-Mobilisation Thorp	-	Wed 12/02/14 Wed 12/02/14	Wed 12/02/14		CP Pre-Mobilisation Thorpe Park
40		NG _ Commissioning Engineer - Review CSP & CP	10 days	Tue 25/03/14	Fri 04/04/14	<u></u>	NG _ Commissioning Engineer - Review CSP & CP
40		NG _ Commissioning Engineer - Works at Site	42 days	Tue 17/06/14	Wed 13/08/14		
		Stage 1 Commissioning - CB, Disc & SFCL	-	Tue 01/07/14	Wed 13/08/14 Wed 09/07/14		0%
42 43		Payment Milestone 8 - Cold Commissioning Complete	7 days 0 days	Wed 09/07/14	Wed 09/07/14		Payment Milestone 8 - Cold Commissioning Complete
44	-	Dhase 4 End	0 dovo	Wed 00/07/14	Wed 00/07/14	0%	Dhose 4 End
45 46		Phase 4 End	0 days	Wed 09/07/14	Wed 09/07/14	0%	Phase 4 End
47		Phase 5 - Site Works - Part B _ Installation of SFCL	23 days	Mon 09/06/14	Wed 09/07/14	0%	09/06 ↓Ph<mark>ase 5 - Site</mark> W e
			·	1		. 1 i	
		464_01.08_0003 - NPG	lilestone	♦	Rolled Up Criti		Split Grou
Print D	Date: Tu	ue 29/10/13 Critical Task S	ummary		Rolled Up Mile		External Tasks Dead
Revisio	011. 1.3	Progress R	olled Up Task		Rolled Up Prog	gress	Project Summary
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Northern Power Grid Jordanthorpe - 33kV Superconducting Fault Current Limiter (SFCL) Project

ID	0	Task Name	Duration	Start	Finish	% Complete	Apr '14 May '14 Jun '14 Jul '14 19 28 06 15 24 03 12 21 30 08 17 26
	-	ASL Programme Ready to Install SFCL	0 days	Mon 09/06/14	Mon 09/06/14	0%	ASL Programme Ready to Install SFC
49		Phase 5 Start	0 days	Mon 09/06/14	Mon 09/06/14	0%	Phase 5 Start
50	II 🍥	Install SCFL	5 days	Mon 09/06/14	Fri 13/06/14	0%	0% 📥 Install SCFL
		Install Ancillary Equipment Cubicle	3 days	Mon 16/06/14	Wed 18/06/14	0%	0% 🦕 Install Ancil
52		Install Chiller Equipment Cubicle	3 days	Thu 19/06/14	Mon 23/06/14	0%	0% 🃥 Install C
53		Terminate Interconnecting Multicores	2 days	Tue 24/06/14	Wed 25/06/14	0%	0% 🟅 Termir
54		NO WORK IN BUNDED AREA	3 days	Thu 26/06/14	Mon 30/06/14	0%	26/06 📢 30
55	.	ASL to Commission Magnets	3 days	Thu 26/06/14	Mon 30/06/14	0%	0% 🚃 🗚 SI
56		Cold Commissioning of SCFL	7 days	Tue 01/07/14	Wed 09/07/14	0%	0% 📥
57		Payment Milestone 9 - Installation of SCFL Equipment	0 days	Wed 09/07/14	Wed 09/07/14	0%	Payment Milestone 9 - Installation of SCFL Equipment
58							
59	•	Outage on SGT1 & Circuit	25 days	Mon 14/07/14	Mon 18/08/14	0%	14/0
60		OUTAGE WINDOW START - SGT1	0 days	Mon 14/07/14	Mon 14/07/14	0%	OUTAGE WINDOW START - SG
61		JORD2 NG DSS - Addition of of SFCL and associated protection	0 days	Mon 14/07/14	Mon 14/07/14	0%	JORD2 NG DSS - Addition of of SFCL and associated protection
62		Remove Lamp Post	1 day	Mon 14/07/14	Mon 14/07/14	0%	
63		JORD2 NG HVSCC - Addition of SFCL	0 days	Mon 14/07/14	Mon 14/07/14	0%	JORD2 NG HVSCC - Addition of SF
64		Install Structures to 33kV CSE Walls	7 days	Tue 15/07/14	Wed 23/07/14	0%	
65		Install Busbars to SGT1 and AuxTX	4 days	Thu 24/07/14	Tue 29/07/14	0%	
66		Final P&C Mods	12 days	Mon 14/07/14	Tue 29/07/14	0%	
67		Interlocking Mods	3 days	Mon 14/07/14	Wed 16/07/14	0%	
68		Stage 2 Commissioning - CB, Disc, SFCL	12 days	Thu 31/07/14	Fri 15/08/14	0%	
69		Commission in to service	12 days	Thu 31/07/14	Fri 15/08/14	0%	
70		SFCL & New Switch Gear Live & Under Rules	0 days	Fri 15/08/14	Fri 15/08/14	0%	SFCL & New Switch C
71		Payment Milestone 10 - Hot Commissioning Complete	0 days	Fri 15/08/14	Fri 15/08/14	0%	Payment Milestone 10 - Hot C
72		"Energisation"	0 days	Fri 15/08/14	Fri 15/08/14	0%	
73 74		OUTAGE WINDOW END - SGT1	0 days	Mon 18/08/14	Mon 18/08/14	0%	OUTAG
75		As-Built Drawings	45 days	Mon 04/08/14	Fri 03/10/14	0%	
76		Payment Milestone 11 - Handover Documents Complete	0 days	Fri 03/10/14	Fri 03/10/14	0%	
77		Project Close	0 days	Fri 03/10/14	Fri 03/10/14	0%	
78		"Completion"	0 days	Fri 03/10/14	Fri 03/10/14	0%	

Project: 5108464_01.08_0003 - NPG Print Date: Tue 29/10/13	Task Critical Task	Milestone Summary	¢ •	Rolled Up Critical Task	Split External Tasks		Gr De
Revision: 1.3	Progress	 Rolled Up Task		Rolled Up Progress	Project Summary	V	
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