

## Appendix A Master Programme

Activity ID	Activity Name	Original Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Current Start	Current Finish	Late Start	Late Finish	Total Float	M44 Remarks	2021			
														Jul 44	Aug 45	Sep 46	Oct 47
<b>EP_SP_66_12-WP6A-M44 Programme for Design and Construction Works WP6A-M44</b>																	
<b>EP_SP_66_12-WP6A-M44.01 Key Dates</b>																	
<b>EP_SP_66_12-WP6A-M44.01.1 Contractual Key Dates</b>																	
<b>EP_SP_66_12-WP6A-M44.01.1.1 Design and Construction Phase</b>																	
01-1000	Contract Award/Date of Acceptance of Tender	0	0	100%	100%	0	Mandatory Start	22-Nov-17 A		31-Jul-21							
01-1010	Date of Commencement of the Design and the Works	0	0	100%	100%	0	Mandatory Start	15-Dec-17 A		31-Jul-21							
01-1015(3)(M12)	Original Substantial Completion of the Works	0	0	0%	0%	0	Mandatory Finish		27-Jul-24*		27-Jul-24	0					
01-1020	Extended Substantial Completion of The Works	0	0	0%	0%	0			21-May-25		21-May-25	0					
<b>EP_SP_66_12-WP6A-M44.01.1.3 Extension of Time Granted</b>																	
01-1015-1(3)(M12)	Extension of time granted (Claim No.1 to No.53) *Claim No.9 excluded	298	298	0%	0%	298		27-Jul-24	21-May-25	27-Jul-24	21-May-25	0					
<b>EP_SP_66_12-WP6A-M44.01.1.2 Operation Phase</b>																	
01-1030	Commencement of Operation	0	0	0%	0%	0	Mandatory Start	22-May-25*		22-May-25							
01-1230	Issue Certificate of Completion of the Works (56 days after Substantial Completion)	0	0	0%	0%	0	Finish On or Before		16-Jul-25*		16-Jul-25	0					
<b>EP_SP_66_12-WP6A-M44.01.2 Planned Completion Dates</b>																	
01-1030(5a)	Grid Connection Agreement (GCA)	0	0	0%	0%	0	Finish On		31-Oct-24*		30-Oct-24	0					
01-1040	Incoming Power Energization to IWMF Substation	0	0	0%	0%	0	Finish On		03-Nov-24*		30-Oct-24	-3					
01-1050	Export Power to Grid	0	0	0%	0%	0	Finish On or After		15-Dec-24*		27-Dec-24	12					
01-1060	Issuance of FS Certificate	0	0	0%	0%	0			18-Sep-24		16-Oct-24	28					
01-1070	Completion of Civil Provision for Transmission	0	0	0%	0%	0			22-Mar-23		20-Mar-23	-2					
01-1080	Commencement of C1.3.4.11 System Commissioning Test	0	0	0%	0%	0		18-Oct-24		17-Oct-24	-1						
01-1090	Completion of C1.3.4.11 System Commission Test	0	0	0%	0%	0			30-Dec-24		13-Dec-24	-17					
01-1100	Physical Completion of 90 Days Plant Commissioning Test Works	0	0	0%	0%	0	Finish On or Before		18-May-25*		27-Mar-25	-52					
01-1110(3)(M15)	Planned Substantial Completion of the Works	0	0	0%	0%	0			12-Jul-25		21-May-25	-52					
01-1110-1(5a)	Completion of 180 Days for Installation, T&C of CCTV System and Onshore Power System at Portion 2	0	0	0%	0%	0	Finish On or Before		17-Nov-25*		17-Nov-25	0					
01-1110-2(5a)	Replacement of Onshore Cranes within 2 yrs at Portion 2	0	0	0%	0%	0	Finish On or Before		21-May-27*		21-May-27	0					
<b>EP_SP_66_12-WP6A-M44.01.3 Dates of Site Possessions</b>																	
01-1120	Possession of Portion 1	0	0	100%	100%	0		15-Dec-17 A	22-May-25	30-Jan-23	21-May-27	730					
01-1130	Possession of Portion 1A	0	0	100%	100%	0			15-Dec-17 A		21-May-27						
01-1140	Possession of Portion 1B	0	0	100%	100%	0			15-Dec-17 A		21-May-27						
01-1150	Possession of Portion 2	0	0	0%	0%	0	Start On or Before	22-May-25*		22-May-25		0					
01-1160	Possession of Portion 3	0	0	0%	0%	0	As Late As Possible		07-Nov-22		30-Jan-23	84					
01-1170	Possession of Portion 4	0	0	0%	0%	0	As Late As Possible		07-Nov-22		30-Jan-23	84					
01-1180	Possession of Portion 5	0	0	0%	0%	0	As Late As Possible		07-Nov-22		30-Jan-23	84					
01-1190	Possession of Portion 6	0	0	0%	0%	0	Start On or Before	23-Jul-24*		01-Jun-24		-52					
01-1200	Possession of Portion 7	0	0	100%	100%	0	Finish On or Before		05-Jan-18 A		21-May-27						
01-1210	Possession of Portion 7A	0	0	100%	100%	0	Finish On or Before		07-Dec-18 A		21-May-27						
01-1210(5a)	Possession of Portion 8	0	0	100%	100%	0	Start On	29-Apr-20 A		21-May-27							
<b>EP_SP_66_12-WP6A-M44.02 Contract Preliminaries</b>																	
<b>EP_SP_66_12-WP6A-M44.02.3 Erection of Concrete Batching Plant on Artificial Island</b>																	
02-1090	Commissioning of Concrete Batching Plant	0	0	0%	0%	0	Finish On		15-Aug-21*		15-Aug-21	0					◆ Commissioning of Concrete Batching Plant,
02-1100	Operation of Concrete Batching Plant	697	697	0%	0%	697	Start On	16-Aug-21*	13-Jul-23	16-Aug-21	13-Jul-23	0					16-Aug-21*
<b>EP_SP_66_12-WP6A-M44.02.4 Establishment of Public Relation Office</b>																	
<b>EP_SP_66_12-WP6A-M44.02.4.2 South Lantau (SLIO)</b>																	
02-1070-1(6C)	Submission and approval for location, layout and details of IWMF Information Office(s)	60	139	50%	50%	30		13-Apr-21 A	29-Aug-21	24-Aug-21	22-Sep-21	24					29-Aug-21, Submission and approval for localit
02-1120-1(6C)	Establishment of IWMF Information Office(s)	60	62	61.67%	61.67%	23	Finish On	22-Jul-21 A	21-Sep-21*	23-Sep-21	15-Oct-21	24					22-Jul-21 A 21-Sep-21*, Establishment of
<b>EP_SP_66_12-WP6A-M44.03 Licence/Permit Applications</b>																	
<b>EP_SP_66_12-WP6A-M44.03.1 License/Permit for Construction</b>																	
02-1070-1(6C)	Submission and approval for location, layout and details of IWMF Information Office(s)	60	139	50%	50%	30		13-Apr-21 A	29-Aug-21	24-Aug-21	22-Sep-21	24					29-Aug-21, Submission and approval for localit
02-1120-1(6C)	Establishment of IWMF Information Office(s)	60	62	61.67%	61.67%	23	Finish On	22-Jul-21 A	21-Sep-21*	23-Sep-21	15-Oct-21	24					22-Jul-21 A 21-Sep-21*, Establishment of

**3-Month Rolling Programme (July 2021)**

Remaining Work     
  Actual Work     
  Critical Remaining Work     
  Milestone     
  Actual Milestone     
  Critical Milestone









Activity ID	Activity Name	Original Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Current Start	Current Finish	Late Start	Late Finish	Total Float	M44 Remarks	2021			
														Jul 44	Aug 45	Sep 46	Oct 47
05-2720	Design of visitors and environmental education facilities (2.14.02)	105	434	58.1%	5%	44		06-Jul-20 A	12-Sep-21	23-Sep-22	05-Nov-22	419		12-Sep-21, Design of visitors and en			
<b>EP_SP_66_12-WP6A-M44.05.01.15 AIP Miscellaneous Detailing (2.15)</b>																	
05-2730	Covered walkway at passenger berth (2.15.02)	105	105	0%	0%	105		31-Jul-21	12-Nov-21	16-Sep-21	05-Sep-22	267					
05-2740	Gatehouses (2.15.03)	135	135	0%	0%	135	Start On or After	31-Jul-21*	12-Dec-21	24-Apr-22	05-Sep-22	267					
05-2750	Weighbridge office (2.15.04)	105	105	0%	0%	105	Start On or After	31-Jul-21*	12-Nov-21	29-Apr-22	11-Aug-22	272					
<b>EP_SP_66_12-WP6A-M44.05.01.16 AIP Auxiliary Plant Systems (2.16)</b>																	
05-2770	Vehicle Fuel Filling Station (2.16.02)	135	135	0%	0%	135		31-Jul-21	12-Dec-21	13-Apr-22	25-Aug-22	256					
05-2780	Stores systems (2.16.03)	135	135	0%	0%	135	Start On or After	31-Jul-21*	12-Dec-21	06-Jan-22	20-May-22	159					
05-2780-1(5a)	IWMF Laboratory (2.16.04)	135	518	45.19%	5%	74		13-May-20 A	12-Oct-21	27-Apr-22	09-Jul-22	270		12-Oct-21, IV			
05-2780-2(5a)	hoisting systems (2.16.09)	135	378	55.56%	5%	60		16-Sep-20 A	28-Sep-21	13-Feb-22	13-Apr-22	197		28-Sep-21, hoisting sys			
<b>EP_SP_66_12-WP6A-M44.05.02 DDA Design Package Submissions</b>																	
<b>EP_SP_66_12-WP6A-M44.05.02.3 DDA General Building Plan</b>																	
05-6000-1(M42)	Process Building & Wastewater Treatment Plant	105	105	0%	0%	105		31-Jul-21	12-Nov-21	18-Jul-21	30-Oct-21	-13					
05-6010-1(M42)	Turbine Hall	105	185	71.43%	5%	30		29-Apr-21 A	30-Oct-21	01-Oct-21	30-Oct-21	0					
05-6020-2(M42)	CCCW	105	186	71.43%	5%	30		28-Apr-21 A	30-Oct-21	01-Oct-21	30-Oct-21	0					
05-6030-2(M42)	Chimney	105	105	0%	0%	105		31-Jul-21	12-Nov-21	18-Jul-21	30-Oct-21	-13					
05-6040-2(M42)	M T & Water Treatment Plant	105	105	0%	0%	105		31-Jul-21	12-Nov-21	18-Jul-21	30-Oct-21	-13					
05-6050-2(M42)	Reception Pavilion	105	105	0%	0%	105		31-Jul-21	12-Nov-21	18-Jul-21	30-Oct-21	-13					
05-6060-2(M42)	Administration building	105	105	0%	0%	105		31-Jul-21	12-Nov-21	18-Jul-21	30-Oct-21	-13					
05-6070-1(M42)	Elevated Driveway	105	135	71.43%	5%	30		10-May-21 A	21-Sep-21	23-Aug-21	21-Sep-21	0		Elevated Driveway, 21-Sep-21			
05-6080-1(M42)	IWMF Substation	105	291	71.43%	5%	30		13-Jan-21 A	30-Oct-21	01-Oct-21	30-Oct-21	0					
05-6090(M42)	Side Wide Arch Details	105	105	89.52%	5%	11		28-Apr-21 A	10-Aug-21	13-Sep-21	23-Sep-21	44		10-Aug-21, Side Wide Arch Details, Side Wide Arch Details,			
<b>EP_SP_66_12-WP6A-M44.05.02.01 DDA Process and Layout Design (2.1)</b>																	
<b>EP_SP_66_12-WP6A-M44.05.02.01.1 MSW treatment process design for incineration (2.1.13)</b>																	
05-5120	Leachate Collection and Treatment (2.1.13.05) (2 Packages)	105	105	0%	0%	105		31-Jul-21	12-Nov-21	08-Dec-21	22-Mar-22	130					
05-5130	Waste Water Treatment System (2.1.13.06) (2 Packages)	105	296	42.86%	0%	60		20-Jan-21 A	11-Nov-21	06-Oct-21	04-Dec-21	23					
05-5140	Overall Plan Water Scheme (2.1.13.07)	105	236	58.1%	5%	44		20-Jan-21 A	12-Sep-21	23-Aug-21	05-Oct-21	23		12-Sep-21, Overall Plan Water Sche			
<b>EP_SP_66_12-WP6A-M44.05.02.01.2 MSW treatment process design for mechanical treatment (2.1.14)</b>																	
05-3500	Mechanical Treatment Plant	105	105	0%	0%	105		04-Oct-21	16-Jan-22	12-Apr-22	25-Jul-22	190		04-Oct-21			
05-3510	Water Treatment Plant and Boiler Water Treatment (Demin Unit) Plant	105	268	58.1%	5%	44		19-Dec-20 A	12-Sep-21	07-Aug-21	19-Sep-21	7		12-Sep-21, Water Treatment Plant a			
<b>EP_SP_66_12-WP6A-M44.05.02.01.3 Waste heat recovery and Power generation system (2.1.15)</b>																	
05-5220	Power Island (Steam Turbine Generator, Pressure Reducing and Desuperheating Station, Air Cooled Condenser)	105	446	86.67%	5%	14		25-May-20 A	13-Aug-21	17-Oct-21	30-Oct-21	78		13-Aug-21, Power Island (Steam Turbine Generator, Pressu			
05-5230	Closed Circuit Cooling Water System	105	511	58.1%	5%	44		20-Apr-20 A	12-Sep-21	08-Jan-22	20-Feb-22	161		12-Sep-21, Closed Circuit Cooling V			
05-5240	Compressed Air Plants	105	105	0%	0%	105		31-Jul-21	12-Nov-21	08-Nov-21	20-Feb-22	100					
<b>EP_SP_66_12-WP6A-M44.05.02.01.5 Logistic arrangement design for MSW and Ash and Residues (2.1.17)</b>																	
05-4390	Weighbridge Systems	105	105	0%	0%	105	Finish On or Before	31-Jul-21	12-Nov-21*	12-Nov-21	24-Feb-22	104					
05-4400	Waste Crane and Grapple System	105	450	42.86%	5%	60		06-Jul-20 A	28-Sep-21	30-Nov-21	28-Jan-22	122		28-Sep-21, Waste Cran			
05-4410	Mechanical Shredder	105	105	0%	0%	105		31-Jul-21	12-Nov-21	16-Oct-21	28-Jan-22	77					
<b>EP_SP_66_12-WP6A-M44.05.02.01.6 Site Master Layout Plan and Plant Layout (2.1.18)</b>																	
05-3520	Site Master Layout Plan and Plant Layout	105	105	0%	0%	105		31-Jul-21	12-Nov-21	18-Jul-21	30-Oct-21	-13					
<b>EP_SP_66_12-WP6A-M44.05.02.01.7 Statutory Fire Compliance (2.1.26)</b>																	
05-4420	Fire Safety Compliance	60	903	0%	5%	60		10-Apr-19 A	28-Sep-21	08-Dec-21	05-Feb-22	130		28-Sep-21, Fire Safety			
<b>EP_SP_66_12-WP6A-M44.05.02.02 DDA Ground Treatment, Reclamation, Seawall, Breakwater, Berth (2.2)</b>																	
05-3430-2(M37)	Geotechnical Interpretative Report (2.2.02.02)	105	1049	72.38%	65%	29		15-Oct-18 A	28-Aug-21	09-Sep-21	07-Oct-21	40		28-Aug-21, Geotechnical Interpretative Report (2			
05-3450	Seawall design (2.2.20)	60	1002	83.33%	65%	10		12-Nov-18 A	09-Aug-21	30-Jul-21	09-Aug-21	0		Seawall design (2.2.20), 09-Aug-21, 09-Aug-21, Seawall design			
05-3470	Berth design (2.2.22)	60	1013	83.33%	65%	10		01-Nov-18 A	09-Aug-21	30-Jul-21	09-Aug-21	0		Berth design (2.2.22), 09-Aug-21, 09-Aug-21, Berth design (2.2			
05-3490	Onshore vessel power supply system (2.2.24)	135	135	0%	0%	135		31-Jul-21	12-Dec-21	15-Nov-21	29-Mar-22	107					
<b>EP_SP_66_12-WP6A-M44.05.02.03 DDA Incineration Plant Buildings (2.3)</b>																	

3-Month Rolling Programme (July 2021)

■ Remaining Work      ◆ Actual Milestone  
■ Actual Work      ◆ Critical Milestone  
■ Critical Remaining Work  
◆ Milestone

Activity ID	Activity Name	Original Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Current Start	Current Finish	Late Start	Late Finish	Total Float	M44 Remarks	2021				
														Jul 44	Aug 45	Sep 46	Oct 47	
<b>EP_SP_66_12-WP6A-M44.05.02.03.1 General Layout Drawings and Fire Safety Strategy (2.3.25)</b>																		
05-3290	Process Building	105	105	0%	0%	105		18-Jun-21 A	12-Nov-21	18-Jul-21	30-Oct-21	-13		31-Jul-21				
05-3300	ACC Equipment Yard	105	105	0%	0%	105		31-Jul-21	12-Nov-21	18-Jul-21	30-Oct-21	-13		31-Jul-21				
05-3310	Turbine Hall Building	105	105	0%	0%	105		31-Jul-21	12-Nov-21	18-Jul-21	30-Oct-21	-13		31-Jul-21				
05-3320	CCCW Building	105	105	0%	0%	105		31-Jul-21	12-Nov-21	18-Jul-21	30-Oct-21	-13		31-Jul-21				
05-3330	Chimney	105	105	0%	0%	105		31-Jul-21	12-Nov-21	18-Jul-21	30-Oct-21	-13		31-Jul-21				
05-3340	Elevated Drive Way and Associated Structures	105	148	0%	5%	105		18-Jun-21 A	12-Nov-21	18-Jul-21	30-Oct-21	-13						
05-3350	Reception Pavilion	105	105	0%	0%	105		31-Jul-21	12-Nov-21	18-Jul-21	30-Oct-21	-13		31-Jul-21				
<b>EP_SP_66_12-WP6A-M44.05.02.03.2 Foundation design (2.3.13)</b>																		
05-3220	Process Building Waste Burker, Tipping Hall, Basin Area and Workshop	137	176	0%	5%	137		22-Jun-21 A	14-Dec-21	27-Sep-21	10-Feb-22	58						
05-3230	ACC Equipment Yard	137	137	0%	0%	137		31-Jul-21	14-Dec-21	05-Jan-22	21-May-22	158		31-Jul-21				
05-3240	Turbine Hall Building	135	135	0%	0%	135		31-Jul-21	12-Dec-21	08-Dec-21	21-Apr-22	130		31-Jul-21				
05-3250	Compressor and CCCW Building	137	137	0%	0%	137		31-Jul-21	14-Dec-21	07-Nov-21	23-Mar-22	99		31-Jul-21				
05-3260	Chimney	135	135	0%	0%	135		03-Oct-21	14-Feb-22	27-Dec-21	10-May-22	85				03-Oct-21		
05-3270	Elevated Drive Way and Associated Structures	137	137	0%	0%	137		31-Jul-21	14-Dec-21	28-Feb-22	14-Jul-22	212		31-Jul-21				
05-3280	Reception Pavilion	137	315	0%	5%	137		18-Jun-21 A	28-Apr-22	20-Sep-22	03-Feb-23	281						
<b>EP_SP_66_12-WP6A-M44.05.02.03.3 Structural design (2.3.14)</b>																		
05-5330	Process Building	189	189	0%	0%	189		18-Jun-21 A	04-Feb-22	15-Oct-21	19-Apr-23	439						
05-5350	Turbine Hall Building (2.3.14.03)	189	189	0%	0%	189		31-Jul-21	04-Feb-22	05-Apr-22	10-Oct-22	248		31-Jul-21				
05-5360	Compressor and CCCW Building	189	232	0%	5%	189		18-Jun-21 A	04-Feb-22	15-Oct-21	21-Apr-22	76						
05-5370	Chimney	135	135	0%	0%	135		22-Aug-21	03-Jan-22	26-Jan-22	09-Jun-22	157				22-Aug-21		
05-5380	Elevated Drive Way and associated structures	189	189	0%	0%	189		31-Jul-21	04-Feb-22	07-Jan-22	14-Jul-22	160		31-Jul-21				
05-5390	Reception Pavilion Structural Design	23	171	0%	5%	23	Start On or After	18-Jun-21 A	05-Dec-21	28-Mar-23	19-Apr-23	500						
<b>EP_SP_66_12-WP6A-M44.05.02.03.4 Electrical and instrumentation works design (2.3.15)</b>																		
05-3370	E&IC Package 1 (Process Island)	120	120	0%	0%	120		31-Jul-21	27-Nov-21	05-Sep-21	02-Jan-22	36		31-Jul-21				
05-3380	E&IC Package 2 (Power Island)	165	324	36.97%	5%	104		23-Dec-20 A	11-Nov-21	22-Sep-21	03-Jan-22	53						
<b>EP_SP_66_12-WP6A-M44.05.02.03.8 Operation Management System (2.3.15.04)</b>																		
05-3390	Supervisory Control/Data Acquisition/Distributed Control (SCADA/DCS) System (12 Packages)	105	462	100%	5%	0		08-Jun-20 A	13-Sep-21	01-Dec-21	01-Dec-21	80					13-Sep-21, Supervisory Control/Dat	
05-3420	Automatic License Plate and Container Recognition System (ALPCRS)	105	105	0%	0%	105		31-Jul-21	12-Nov-21	19-Aug-21	01-Dec-21	19		31-Jul-21				
<b>EP_SP_66_12-WP6A-M44.05.02.03.5 Mechanical works design (2.3.16)</b>																		
<b>EP_SP_66_12-WP6A-M44.05.02.03.5.1 Plant and Equipment</b>																		
05-3580	Weighbridge Systems	209	209	0%	0%	209		31-Jul-21	24-Feb-22	03-Aug-21	27-Feb-22	3		31-Jul-21				
05-3590	Waste Crane and Grapple System	105	356	50.48%	5%	52		30-Sep-20 A	20-Sep-21	08-Dec-21	28-Jan-22	130				20-Sep-21, Waste Crane and		
05-3600	Mechanical Shredder	105	452	0%	5%	157		09-Oct-20 A	03-Jan-22	25-Aug-21	28-Jan-22	25						
05-3610	Incineration System (9 Packages)	105	1096	0%	5%	197		13-Feb-19 A	12-Feb-22	31-Oct-21	15-May-22	92						
05-3620	Heat Recovery Boiler (8 Packages)	105	1003	0%	5%	197		17-May-19 A	12-Feb-22	30-Oct-21	14-May-22	91						
05-3640	Ash cranes	30	298	0%	65%	126		09-Feb-21 A	03-Dec-21	25-Sep-21	28-Jan-22	56						
05-3650	Leachate collection and treatment	105	334	71.43%	5%	30	Start On or After	30-Sep-20 A	29-Aug-21	31-Oct-21	29-Nov-21	92				29-Aug-21, Leachate collection and treatment, I		
05-3790	Flue Gas Treatment System (12 Packages)	105	715	42.86%	25%	60		15-Oct-19 A	28-Sep-21	01-Sep-21	30-Oct-21	32				28-Sep-21, Flue Gas Tr		
05-3800	Boiler ash and APC residue handling and solidification	105	434	83.81%	25%	17	Start On or After	09-Jun-20 A	16-Aug-21	13-Nov-21	29-Nov-21	105				16-Aug-21, Boiler ash and APC residue handling and soli		
05-3810	Steam Turbine Generator (STG) and Pressure Reducing and Desuperheating Station (PRDS)	105	380	86.67%	5%	14		30-Jul-20 A	13-Aug-21	17-Oct-21	30-Oct-21	78				13-Aug-21, Steam Turbine Generator (STG) and Pressure R		
05-3820	Air cooled condenser	105	435	34.29%	5%	69		30-Jul-20 A	07-Oct-21	12-Feb-22	21-Apr-22	196				07-Oct-21, Air co		
05-3825(3)	Closed Circuit Cooling Water System	105	478	0%	5%	112		30-Jul-20 A	19-Nov-21	30-Jan-22	21-May-22	183						
05-3830	Compressed Air Plants	105	1078	0%	5%	179		13-Feb-19 A	25-Jan-22	24-Nov-22	21-May-23	481						
<b>EP_SP_66_12-WP6A-M44.05.02.03.5.2 Process Pipeworks (Incl. Ductworks) and Valves</b>																		
05-3840	Process island (furnace-boiler-FGC)	105	828	80%	5%	21		16-May-19 A	12-Sep-21	11-Sep-21	14-Oct-23	762				20-Aug-21, Process island (furnace-boiler-FGC), Pro		

3-Month Rolling Programme (July 2021)

■ Remaining Work      ◆ Actual Milestone  
■ Actual Work      ◆ Critical Milestone  
■ Critical Remaining Work  
◆ Milestone



Activity ID	Activity Name	Original Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Current Start	Current Finish	Late Start	Late Finish	Total Float	M44 Remarks	2021			
														Jul 44	Aug 45	Sep 46	Oct 47
05-4350	Pipebridge A (Between Process Island & Turbine Hall)	105	351	86.67%	5%	14		28-Aug-20 A	13-Aug-21	17-Oct-21	30-Oct-21	78		13-Aug-21, Pipebridge A (Between Process Island & Turbine Hall)			
05-4360	Compressed Air Plant area	105	381	58.1%	5%	44		28-Aug-20 A	12-Sep-21	11-Sep-21	24-Oct-21	42		12-Sep-21, Compressed Air Plant area			
05-4380	Pipebridge C (Between Turbine Hall & ACC Equipment Yard)	105	351	86.67%	5%	14		28-Aug-20 A	13-Aug-21	01-Oct-23	14-Oct-23	792		13-Aug-21, Pipebridge C (Between Turbine Hall & ACC Equipment Yard)			
05-4950	Turbine Hall	105	381	58.1%	5%	44		28-Aug-20 A	12-Sep-21	21-Dec-21	02-Feb-22	143		12-Sep-21, Turbine Hall, Turbine Hall			
05-4960	ACC Equipment Yard	105	381	58.1%	5%	44		28-Aug-20 A	12-Sep-21	11-Sep-21	24-Oct-21	42		12-Sep-21, ACC Equipment Yard, ACC Equipment Yard			
05-4970	CCCW Area	105	381	58.1%	5%	44		28-Aug-20 A	12-Sep-21	11-Sep-21	24-Oct-21	42		12-Sep-21, CCCW Area, CCCW Area			
<b>EP_SP_66_12-WP6A-M44.05.02.03.5.3 Process steel structure support (For equipment, piping &amp; duct, cable tray e</b>																	
05-3530-1(M42)	Process island (furnace-boiler-FGC) (Prefab 2)	44	44	0%	0%	44		31-Jul-21	12-Sep-21	05-Sep-21	18-Oct-21	36		31-Jul-21, Process island (furnace-boiler-FGC) (Prefab 2)			
05-3570	Pipebridge C (Between Turbine Hall & ACC Equipment Yard)	105	351	86.67%	5%	14		28-Aug-20 A	13-Aug-21	01-Oct-23	14-Oct-23	792		13-Aug-21, Pipebridge C (Between Turbine Hall & ACC Equipment Yard)			
<b>EP_SP_66_12-WP6A-M44.05.02.03.5.4 Equipment and piping insulation</b>																	
05-4500	Incineration System	105	873	71.43%	45%	30	Start On or After	10-Apr-19 A	29-Aug-21	25-Sep-21	24-Oct-21	56		29-Aug-21, Incineration System, Incineration System			
05-4510	Heat Recovery Boiler	105	837	71.43%	45%	30	Start On or After	16-May-19 A	29-Aug-21	25-Sep-21	24-Oct-21	56		29-Aug-21, Heat Recovery Boiler, Heat Recovery Boiler			
05-4520	Boiler Feed Water Systems	105	776	71.43%	45%	30	Start On or After	16-Jul-19 A	29-Aug-21	25-Sep-21	24-Oct-21	56		29-Aug-21, Boiler Feed Water Systems, Boiler Feed Water Systems			
05-4530	Flue Gas Treatment System	105	306	42.86%	5%	60	Start On or After	27-Nov-20 A	28-Sep-21	26-Aug-21	24-Oct-21	26		28-Sep-21, Flue Gas Treatment System, Flue Gas Treatment System			
05-4540	Boiler ash and APC residue handling and solidification	105	477	42.86%	45%	60	Start On or After	09-Jun-20 A	28-Sep-21	26-Aug-21	24-Oct-21	26		28-Sep-21, Boiler ash and APC residue handling and solidification			
05-4550	Steam Turbine Generator (STG) and Pressure Reducing and Desuperheating Station (PRDS)	105	252	58.1%	45%	44		04-Jan-21 A	12-Sep-21	11-Sep-21	24-Oct-21	42		12-Sep-21, Steam Turbine Generator (STG) and Pressure Reducing and Desuperheating Station (PRDS)			
05-4560	Air cooled condenser	105	252	58.1%	45%	44		04-Jan-21 A	12-Sep-21	11-Sep-21	24-Oct-21	42		12-Sep-21, Air cooled condenser, Air cooled condenser			
05-4570	Closed Circuit Cooling Water System	105	426	42.86%	25%	60		30-Jul-20 A	28-Sep-21	26-Aug-21	24-Oct-21	26		28-Sep-21, Closed Circuit Cooling Water System			
<b>EP_SP_66_12-WP6A-M44.05.02.03.6 Fire services installation design (2.3.17)</b>																	
05-3680	FS schematics	105	105	0%	0%	105		29-Sep-21	11-Jan-22	24-Oct-21	05-Feb-22	25		29-Sep-21, FS schematics			
<b>EP_SP_66_12-WP6A-M44.05.02.03.7 Building services design (excluding fire services installation design) (2.3.18)</b>																	
05-3690	Electrical Services and Lighting (7 Packages)	135	135	0%	0%	135		31-Jul-21	12-Dec-21	24-Sep-21	05-Feb-22	55		31-Jul-21, Electrical Services and Lighting (7 Packages)			
05-3700	MVAC	90	90	0%	0%	90		28-Oct-21	25-Jan-22	12-Jan-22	11-Apr-22	76		28-Oct-21, MVAC			
05-3710	Odour Control	135	135	0%	0%	135		14-Oct-21	25-Feb-22	28-Nov-21	11-Apr-22	45		14-Oct-21, Odour Control			
05-3720	Plumbing (7 Packages)	135	135	0%	0%	135	Start On or After	31-Jul-21*	12-Dec-21	09-Oct-21	20-Feb-22	70		31-Jul-21*, Plumbing (7 Packages)			
05-3730	Drainage (7 Packages)	105	105	0%	0%	105		13-Sep-21	26-Dec-21	23-Dec-21	06-Apr-22	101		13-Sep-21, Drainage (7 Packages)			
05-3740	ELV (7 Packages)	135	135	0%	0%	135		31-Jul-21	12-Dec-21	24-Sep-21	05-Feb-22	55		31-Jul-21, ELV (7 Packages)			
05-3750	Lifts and Escalators	135	135	0%	0%	135		15-Aug-21	27-Dec-21	22-Nov-21	05-Apr-22	99		15-Aug-21, Lifts and Escalators			
05-3770	Building Management System (BMS)	135	135	0%	0%	135		31-Jul-21	12-Dec-21	23-Aug-21	04-Jan-22	23		31-Jul-21, Building Management System (BMS)			
05-3780-2(M20)	Water Cannon System	60	60	0%	0%	60		28-Oct-21	26-Dec-21	10-Aug-22	08-Oct-22	286		28-Oct-21, Water Cannon System			
<b>EP_SP_66_12-WP6A-M44.05.02.9 DDA Air Cool Condensers Equipment (2.3.06)</b>																	
<b>EP_SP_66_12-WP6A-M44.05.02.9.7 Building services design (excluding fire services installation design) (2.3.06)</b>																	
05-5510	Electrical Services and Lighting	135	135	0%	0%	135		31-Jul-21	12-Dec-21	24-Sep-21	05-Feb-22	55		31-Jul-21, Electrical Services and Lighting			
05-5520	Plumbing	135	135	0%	0%	135		31-Jul-21	12-Dec-21	09-Oct-21	20-Feb-22	70		31-Jul-21, Plumbing			
05-5530	ELV	135	135	0%	0%	135		31-Jul-21	12-Dec-21	21-Aug-21	02-Jan-22	21		31-Jul-21, ELV			
05-5540	Building Management System (BMS)	135	135	0%	0%	135		31-Jul-21	12-Dec-21	22-May-22	03-Oct-22	295		31-Jul-21, Building Management System (BMS)			
<b>EP_SP_66_12-WP6A-M44.05.02.04 DDA Mechanical Treatment Plant Building (2.4)</b>																	
05-5160	Architectural Design (2.4.25)	105	105	0%	0%	105	Start On or After	29-Sep-21*	11-Jan-22	06-Apr-22	19-Jul-22	189		29-Sep-21*, Architectural Design (2.4.25)			
05-5170	Foundation design (2.4.13)	135	135	0%	0%	135		13-Sep-21	25-Jan-22	28-Feb-22	12-Jul-22	168		13-Sep-21, Foundation design (2.4.13)			
05-5190	Electrical and instrumentation works design (2.4.15)	236	236	0%	0%	236		04-Oct-21	27-May-22	02-Dec-21	25-Jul-22	59		04-Oct-21, Electrical and instrumentation works design (2.4.15)			
05-5200	Mechanical works design (2.4.16)	201	201	0%	0%	201		04-Oct-21	22-Apr-22	08-Oct-21	26-Apr-22	4		04-Oct-21, Mechanical works design (2.4.16)			
05-5210	Fire services installation design (2.4.17)	60	60	0%	0%	60		29-Aug-21	27-Oct-21	08-Dec-21	05-Feb-22	101		29-Aug-21, Fire services installation design (2.4.17)			
<b>EP_SP_66_12-WP6A-M44.05.02.04.7 Building services design (excluding fire services installation design) (2.4.18)</b>																	
05-3850	LV and Emergency Power Distribution Design	135	135	0%	0%	135	Start On or After	31-Jul-21*	12-Dec-21	24-Sep-21	05-Feb-22	55		31-Jul-21*, LV and Emergency Power Distribution Design			
05-3860	MVAC	90	90	0%	0%	90		28-Oct-21	25-Jan-22	12-Jan-22	11-Apr-22	76		28-Oct-21, MVAC			
05-3870	Odour Control	135	135	0%	0%	135		14-Oct-21	25-Feb-22	28-Nov-21	11-Apr-22	45		14-Oct-21, Odour Control			

3-Month Rolling Programme (July 2021)

■ Remaining Work      ◆ Actual Milestone  
■ Actual Work      ◆ Critical Milestone  
■ Critical Remaining Work  
◆ Milestone

Activity ID	Activity Name	Original Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Current Start	Current Finish	Late Start	Late Finish	Total Float	M44 Remarks	2021				
														Jul 44	Aug 45	Sep 46	Oct 47	
05-3880	Plumbing	135	135	0%	0%	135		31-Jul-21	12-Dec-21	09-Oct-21	20-Feb-22	70		31-Jul-21				
05-3890	Drainage	105	105	0%	0%	105		13-Sep-21	26-Dec-21	23-Dec-21	06-Apr-22	101			13-Sep-21			
05-3900	Lighting and small power	135	135	0%	0%	135		31-Jul-21	12-Dec-21	24-Sep-21	05-Feb-22	55		31-Jul-21				
05-3910	Lifts and Escalators	75	75	0%	0%	75		05-Oct-21	18-Dec-21	21-Jan-22	05-Apr-22	108				05-Oct-21		
05-3910-1	Building Management System (BMS)	135	135	0%	0%	135		05-Oct-21	16-Feb-22	22-Dec-21	05-May-22	78				05-Oct-21		
<b>EP_SP_66_12-WP6A-M44.05.02.05 DDA Wastewater Treatment Plant (2.5)</b>		<b>223</b>	<b>223</b>	<b>0%</b>	<b>0%</b>	<b>223</b>		<b>31-Jul-21</b>	<b>10-Mar-22</b>	<b>04-Aug-21</b>	<b>09-Aug-22</b>	<b>152</b>						
05-3920	Architectural Design (2.5.25)	135	135	0%	0%	135		31-Jul-21	12-Dec-21	09-Sep-21	21-Jan-22	40		31-Jul-21				
05-3930	Foundation design (2.5.13)	135	135	0%	0%	135		31-Jul-21	12-Dec-21	09-Sep-21	21-Jan-22	40		31-Jul-21				
05-3940	Structural design (2.5.14)	135	135	0%	0%	135		31-Jul-21	12-Dec-21	09-Sep-21	21-Jan-22	40		31-Jul-21				
05-3950	Electrical and instrumentation works design (2.5.15)	223	223	0%	0%	223		31-Jul-21	10-Mar-22	30-Dec-21	09-Aug-22	152		31-Jul-21				
05-3960	Mechanical works design (2.5.16) (2 Packages)	203	203	0%	0%	203		31-Jul-21	18-Feb-22	04-Aug-21	22-Feb-22	4		31-Jul-21				
05-3970	Fire services installation design (2.5.17) (2 Packages)	60	60	0%	0%	60	Start On or After	29-Aug-21*	27-Oct-21	08-Dec-21	05-Feb-22	101			29-Aug-21*			
<b>EP_SP_66_12-WP6A-M44.05.02.05.7 Building services design (excluding fire services installation design) (2.5.18)</b>		<b>179</b>	<b>179</b>	<b>0%</b>	<b>0%</b>	<b>179</b>		<b>31-Jul-21</b>	<b>25-Jan-22</b>	<b>24-Sep-21</b>	<b>11-Apr-22</b>	<b>76</b>						
05-3980	LV and Emergency Power Distribution Design for IWMF Waste Water Treatment Plant	135	135	0%	0%	135		31-Jul-21	12-Dec-21	24-Sep-21	05-Feb-22	55		31-Jul-21				
05-3990	MVAC	90	90	0%	0%	90		28-Oct-21	25-Jan-22	12-Jan-22	11-Apr-22	76					28-Oct-21	
05-4010	Plumbing	135	135	0%	0%	135		31-Jul-21	12-Dec-21	09-Oct-21	20-Feb-22	70		31-Jul-21				
05-4020	Drainage	105	105	0%	0%	105		13-Sep-21	26-Dec-21	23-Dec-21	06-Apr-22	101			13-Sep-21			
05-4030	ELV	135	135	0%	0%	135		31-Jul-21	12-Dec-21	24-Sep-21	05-Feb-22	55		31-Jul-21				
<b>EP_SP_66_12-WP6A-M44.05.02.06 DDA Water Treatment Plant Building (2.6)</b>		<b>368</b>	<b>368</b>	<b>0%</b>	<b>0%</b>	<b>368</b>		<b>31-Jul-21</b>	<b>02-Aug-22</b>	<b>20-Sep-21</b>	<b>09-Aug-22</b>	<b>7</b>						
05-4050	Architectural Design (2.6.25)	135	135	0%	0%	135		29-Sep-21	10-Feb-22	28-Feb-22	12-Jul-22	152				29-Sep-21		
05-4080	Electrical and instrumentation works design (2.6.15)	324	324	0%	0%	324		13-Sep-21	02-Aug-22	20-Sep-21	09-Aug-22	7			13-Sep-21			
05-4090	Mechanical works design (2.6.16)	256	256	0%	0%	256		13-Sep-21	26-May-22	27-Nov-21	09-Aug-22	75			13-Sep-21			
05-4100	Fire services installation design (2.6.17)	60	60	0%	0%	60		29-Aug-21	27-Oct-21	08-Dec-21	05-Feb-22	101			29-Aug-21			
<b>EP_SP_66_12-WP6A-M44.05.02.06.7 Building services design (excluding fire services installation design) (2.6.18)</b>		<b>179</b>	<b>179</b>	<b>0%</b>	<b>0%</b>	<b>179</b>		<b>31-Jul-21</b>	<b>25-Jan-22</b>	<b>24-Sep-21</b>	<b>11-Apr-22</b>	<b>76</b>						
05-4110	Electrical Services and Lighting	135	135	0%	0%	135		31-Jul-21	12-Dec-21	24-Sep-21	05-Feb-22	55		31-Jul-21				
05-4120	MVAC	90	90	0%	0%	90		28-Oct-21	25-Jan-22	12-Jan-22	11-Apr-22	76					28-Oct-21	
05-4140	Plumbing	135	135	0%	0%	135		31-Jul-21	12-Dec-21	09-Oct-21	20-Feb-22	70		31-Jul-21				
05-4150	Drainage	105	105	0%	0%	105		13-Sep-21	26-Dec-21	23-Dec-21	06-Apr-22	101			13-Sep-21			
05-4160	ELV	135	135	0%	0%	135		31-Jul-21	12-Dec-21	24-Sep-21	05-Feb-22	55		31-Jul-21				
<b>EP_SP_66_12-WP6A-M44.05.02.07 DDA Administration Building (2.7)</b>		<b>179</b>	<b>179</b>	<b>0%</b>	<b>0%</b>	<b>179</b>		<b>31-Jul-21</b>	<b>25-Jan-22</b>	<b>24-Sep-21</b>	<b>25-Jun-23</b>	<b>516</b>						
05-4180	Foundation design (2.7.11)	105	105	0%	0%	105		31-Jul-21	12-Nov-21	26-Aug-22	08-Dec-22	391		31-Jul-21				
05-4190	Structural design (2.7.12)	105	105	0%	0%	105		26-Sep-21	08-Jan-22	13-Mar-23	25-Jun-23	533				26-Sep-21		
05-4210	Fire services installation design (2.7.14)	60	60	0%	0%	60		29-Oct-21	27-Dec-21	08-Dec-21	05-Feb-22	40					29-Oct-21	
<b>EP_SP_66_12-WP6A-M44.05.02.07.6 Building services design (excluding fire services installation design) (2.7.15)</b>		<b>179</b>	<b>179</b>	<b>0%</b>	<b>0%</b>	<b>179</b>		<b>31-Jul-21</b>	<b>25-Jan-22</b>	<b>24-Sep-21</b>	<b>27-Dec-22</b>	<b>336</b>						
05-4220	Electrical Services and Lighting	135	135	0%	0%	135		31-Jul-21	12-Dec-21	24-Sep-21	05-Feb-22	55		31-Jul-21				
05-4230	MVAC	90	90	0%	0%	90		28-Oct-21	25-Jan-22	12-Jan-22	11-Apr-22	76					28-Oct-21	
05-4250	Plumbing	135	135	0%	0%	135		31-Jul-21	12-Dec-21	09-Oct-21	20-Feb-22	70		31-Jul-21				
05-4260	Drainage	105	105	0%	0%	105		13-Sep-21	26-Dec-21	23-Dec-21	06-Apr-22	101			13-Sep-21			
05-4270	ELV	135	135	0%	0%	135		31-Jul-21	12-Dec-21	24-Sep-21	05-Feb-22	55		31-Jul-21				
05-4280	Lifts and Escalators	135	135	0%	0%	135		14-Aug-21	26-Dec-21	22-Nov-21	05-Apr-22	100			14-Aug-21			
05-4280-1	Building Management System (BMS)	135	135	0%	0%	135		31-Jul-21	12-Dec-21	15-Aug-22	27-Dec-22	380		31-Jul-21				
<b>EP_SP_66_12-WP6A-M44.05.02.08 DDA IWMF Substation (2.8)</b>		<b>347</b>	<b>715</b>	<b>43.8%</b>		<b>195</b>		<b>27-Feb-20 A</b>	<b>10-Feb-22</b>	<b>14-Aug-21</b>	<b>27-Sep-22</b>	<b>229</b>						
05-4290	Architectural Design (2.8.25)	105	148	0%	5%	105	Start On or After	18-Jun-21 A	12-Nov-21	17-Mar-22	29-Jun-22	229						
05-4300	Foundation design (2.8.13)	135	230	0%	5%	135		27-Apr-21 A	12-Dec-21	19-Feb-22	03-Jul-22	203						
05-4310	Structural design (2.8.14)	195	715	31.28%	65%	134		27-Feb-20 A	10-Feb-22	17-May-22	27-Sep-22	229						

3-Month Rolling Programme (July 2021)

Remaining Work    
  Actual Work    
  Critical Remaining Work    
  Milestone

Actual Milestone    
  Critical Milestone

Integrated Waste Management Facilities, Phase 1

Activity ID	Activity Name	Original Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Current Start	Current Finish	Late Start	Late Finish	Total Float	M44 Remarks	2021			
														Jul 44	Aug 45	Sep 46	Oct 47
05-4320	Electrical and instrumentation works design (2.8.15)	75	75	0%	0%	75		31-Jul-21	13-Oct-21	14-Aug-21	27-Oct-21	14		31-Jul-21			13-Oct-21
05-4340	Fire services installation design (2.8.17)	60	60	0%	0%	60		29-Aug-21	27-Oct-21	22-Jan-22	22-Mar-22	146		29-Aug-21			
<b>EP_SP_66_12-WP6A-M44.05.02.08.7 Building services design (excluding fire services installation design) (2.8.18)</b>																	
05-4990	Electrical Services and Lighting	135	135	0%	0%	135		31-Jul-21	12-Dec-21	24-Sep-21	05-Feb-22	55		31-Jul-21			
05-5000	MVAC	90	90	0%	0%	90		28-Oct-21	25-Jan-22	07-Apr-22	05-Jul-22	161					28-Oct-21
05-5010	Plumbing	135	135	0%	0%	135		31-Jul-21	12-Dec-21	09-Oct-21	20-Feb-22	70		31-Jul-21			
05-5020	Drainage	105	105	0%	0%	105		31-Jul-21	12-Nov-21	07-Apr-22	20-Jul-22	250		31-Jul-21			
05-5030	ELV	135	135	0%	0%	135		31-Jul-21	12-Dec-21	24-Sep-21	05-Feb-22	55		31-Jul-21			
05-5030-1	Building Management System (BMS)	135	135	0%	0%	135		31-Jul-21	12-Dec-21	17-Nov-21	31-Mar-22	109		31-Jul-21			
<b>EP_SP_66_12-WP6A-M44.05.02.4 DDA Elevated Drive Way and Associated Structures Foundation</b>																	
<b>EP_SP_66_12-WP6A-M44.05.02.4.1 Building services design (excluding fire services installation design)</b>																	
05-5560	Building Management System (BMS)	135	135	0%	0%	135		31-Jul-21	12-Dec-21	21-Mar-22	02-Aug-22	233		31-Jul-21			
<b>EP_SP_66_12-WP6A-M44.05.02.5 DDA Reception Pavilion</b>																	
<b>EP_SP_66_12-WP6A-M44.05.02.5.1 Building services design (excluding fire services installation design)</b>																	
05-2130-1	Building Management System (BMS)	74	74	0%	0%	74		31-Jul-21	12-Oct-21	09-Aug-22	21-Oct-22	374		31-Jul-21			
<b>EP_SP_66_12-WP6A-M44.05.02.6 DDA CCCW Building</b>																	
<b>EP_SP_66_12-WP6A-M44.05.02.6.1 Building services design (excluding fire services installation design)</b>																	
05-2130-2	Building Management System (BMS)	135	135	0%	0%	135		31-Jul-21	12-Dec-21	25-Jul-22	06-Dec-22	359		31-Jul-21			
<b>EP_SP_66_12-WP6A-M44.05.02.10 DDA Roads and Utilities (2.10)</b>																	
<b>EP_SP_66_12-WP6A-M44.05.02.10.1 Permanent road works layout on the Artificial Island (2.10.13)</b>																	
05-4470	Roads and hardstandings layout	135	135	0%	0%	135		11-Aug-21	23-Dec-21	24-Sep-21	05-Feb-22	44		11-Aug-21			
05-4480	Road signage and markings	135	135	0%	0%	135		11-Aug-21	23-Dec-21	24-Sep-21	05-Feb-22	44		11-Aug-21			
<b>EP_SP_66_12-WP6A-M44.05.02.10.2 Sewerage design on the Artificial Island (2.10.14)</b>																	
05-4430	Foul Sewerage	135	135	0%	0%	135		11-Aug-21	23-Dec-21	23-Nov-21	06-Apr-22	104		11-Aug-21			
05-4440	Contaminated Sewerage	135	135	0%	0%	135		11-Aug-21	23-Dec-21	11-Oct-22	22-Feb-23	426		11-Aug-21			
<b>EP_SP_66_12-WP6A-M44.05.02.10.3 Drainage system design on the Artificial Island (2.10.15)</b>																	
05-5310	Surface water Drainage System	105	105	0%	0%	105		11-Aug-21	23-Nov-21	23-Dec-21	06-Apr-22	134		11-Aug-21			
05-5320	First Flush Drainage System concept	105	105	0%	0%	105		11-Aug-21	23-Nov-21	14-Jan-22	28-Apr-22	156		11-Aug-21			
<b>EP_SP_66_12-WP6A-M44.05.02.10.4 Water supply system design on the Artificial Island (2.10.16)</b>																	
05-5250	Potable Water Distribution System	135	135	0%	0%	135		31-Jul-21	12-Dec-21	24-Apr-22	05-Sep-22	267		31-Jul-21			
05-5260	Recycled Water System	135	135	0%	0%	135		31-Jul-21	12-Dec-21	24-Apr-22	05-Sep-22	267		31-Jul-21			
05-5270	Irrigation System	135	135	0%	0%	135		31-Jul-21	12-Dec-21	09-Oct-21	20-Feb-22	70		31-Jul-21			
05-5280	Rainwater harvesting System	135	135	0%	0%	135		31-Jul-21	12-Dec-21	09-Oct-21	20-Feb-22	70		31-Jul-21			
05-5300-1(M24)	E&M system for seawater intake (2.10.16.07)	135	836	0%	5%	135		30-Aug-19 A	12-Dec-21	21-Aug-21	02-Jan-22	21					
05-5300-2(M24)	Building Services system for seawater intake (2.10.16.09)	135	135	0%	0%	135		29-Sep-21	10-Feb-22	09-Oct-21	20-Feb-22	10					29-Sep-21
05-5300-3(5a)	Chemical scrubber system for odour control (2.10.16.10)	135	135	0%	0%	135		25-Aug-21	06-Jan-22	28-Nov-21	11-Apr-22	95		25-Aug-21			
<b>EP_SP_66_12-WP6A-M44.05.02.10.6 Design of telecommunication and other utilities (2.10.18)</b>																	
05-3400 (M21)	Computerised Maintenance Management System (CMMS)	105	105	0%	0%	105		14-Aug-21	26-Nov-21	19-Aug-21	01-Dec-21	5		14-Aug-21			
05-3410 (M21)	Information and Document Management System (IDMS)	105	105	0%	0%	105		31-Jul-21	12-Nov-21	19-Aug-21	01-Dec-21	19		31-Jul-21			
05-4580	Power Distribution System concept / schematics	75	75	0%	0%	75		13-Oct-21	26-Dec-21	11-Feb-22	26-Apr-22	121					13-Oct-21
05-4590	Site Lighting Concept / Schematics	135	135	0%	0%	135		31-Jul-21	12-Dec-21	09-Apr-23	21-Aug-23	617		31-Jul-21			
05-4600	Lightning Protection System concept / schematics	135	135	0%	0%	135		31-Jul-21	12-Dec-21	21-Aug-21	02-Jan-22	21		31-Jul-21			
05-4610	Site ELV Network System - Communications System concept / schematics	75	75	0%	0%	75		13-Oct-21	26-Dec-21	11-Feb-22	26-Apr-22	121					13-Oct-21
05-4620	Site ELV Network System - Security Systems concept / schematics	75	75	0%	0%	75		13-Oct-21	26-Dec-21	11-Feb-22	26-Apr-22	121					13-Oct-21
05-4640	Microwave transmission of FS direct link	135	135	0%	0%	135		31-Jul-21	12-Dec-21	13-Dec-21	26-Apr-22	135		31-Jul-21			
05-4650	Fuel Handling System concept / schematics	135	135	0%	0%	135		29-Sep-21	10-Feb-22	15-Dec-22	28-Apr-23	442					29-Sep-21
05-5400-1(M22)	Automatic Traffic Control System (ATCS)	135	135	0%	0%	135		29-Oct-21	12-Mar-22	03-Feb-23	17-Jun-23	462					29-Oct-21
<b>EP_SP_66_12-WP6A-M44.05.02.10.7 Utility ducts/Pipebridges design (2.10.26)</b>																	
270 501 39.26% 164 28-Aug-20 A 10-Jan-22 25-Dec-21 22-Feb-23 408																	

Legend for Gantt chart bars:  
■ Remaining Work (green)  
■ Actual Work (blue)  
■ Critical Remaining Work (red)  
◆ Milestone (green diamond)  
◆ Actual Milestone (blue diamond)  
◆ Critical Milestone (red diamond)

Activity ID	Activity Name	Original Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Current Start	Current Finish	Late Start	Late Finish	Total Float	M44 Remarks	2021				
														Jul 44	Aug 45	Sep 46	Oct 47	
05-5040	Design of Pipe / Utilities Trenches concept	135	135	0%	0%	135		29-Aug-21	10-Jan-22	11-Oct-22	22-Feb-23	408						
05-5050	Sitewide Utilities Trenches Design	135	135	0%	0%	135		29-Aug-21	10-Jan-22	11-Oct-22	22-Feb-23	408						
<b>EP_SP_66_12-WP6A-M44.05.02.10.7.3 Layout Plan for Pipe Bridge Network</b>		135	366	78.52%		29		28-Aug-20 A	28-Aug-21	25-Dec-21	22-Jan-22	147						
05-7000	Pipebridge A	135	324	78.52%	5%	29		09-Oct-20 A	28-Aug-21	25-Dec-21	22-Jan-22	147						
05-7010	Pipebridge B	135	366	78.52%	5%	29		28-Aug-20 A	28-Aug-21	25-Dec-21	22-Jan-22	147						
05-7020	Pipebridge C	135	366	78.52%	5%	29		28-Aug-20 A	28-Aug-21	25-Dec-21	22-Jan-22	147						
<b>EP_SP_66_12-WP6A-M44.05.02.10.7.1 Foundaion Plan for Pipe Bridge Network</b>		135	324	78.52%		29		09-Oct-20 A	28-Aug-21	25-Dec-21	22-Jan-22	147						
05-7030	Pipebridge A	135	324	78.52%	5%	29		09-Oct-20 A	28-Aug-21	25-Dec-21	22-Jan-22	147						
05-7040	Pipebridge B	29	29	0%	5%	29		31-Jul-21	28-Aug-21	25-Dec-21	22-Jan-22	147						
05-7050	Pipebridge C	29	29	0%	5%	29		31-Jul-21	28-Aug-21	25-Dec-21	22-Jan-22	147						
<b>EP_SP_66_12-WP6A-M44.05.02.10.7.2 Structure Plan for Pipe Bridge Network</b>		135	472	0%		135		28-Aug-20 A	13-Dec-21	25-Dec-21	22-Jan-22	41						
05-7060	Pipebridge A	135	355	100%	5%	0		09-Oct-20 A	29-Sep-21	22-Jan-22	22-Jan-22	116						
05-7070	Pipebridge B	135	366	78.52%	5%	29		28-Aug-20 A	28-Aug-21	25-Dec-21	22-Jan-22	147						
05-7080	Pipebridge C	135	472	100%	5%	0		28-Aug-20 A	13-Dec-21	22-Jan-22	22-Jan-22	41						
<b>EP_SP_66_12-WP6A-M44.05.02.11 DDA Architectural, Finishes and Landscaping Works (2.11)</b>		212	212	0%		212		31-Jul-21	27-Feb-22	22-Sep-21	01-Mar-22	2						
<b>EP_SP_66_12-WP6A-M44.05.02.11.1 External and internal finishes design for Incineration Plant Buildings</b>		212	212	0%		212		31-Jul-21	27-Feb-22	16-Oct-21	01-Mar-22	2						
05-4670	External and internal finishes design for Incineration Plant Building (2.11.15)	135	135	0%	0%	135		31-Jul-21	12-Dec-21	18-Oct-21	01-Mar-22	79						
05-4680	External and internal finishes design for ACC Equipment Yard	135	135	0%	0%	135		31-Jul-21	12-Dec-21	18-Oct-21	01-Mar-22	79						
05-4690	External and internal finishes design for Turbine Hall Building	135	135	0%	0%	135	Start On or After	15-Oct-21*	26-Feb-22	18-Oct-21	01-Mar-22	3					15-Oct-21*	
05-4700	External and internal finishes design for CCCW Building	135	135	0%	0%	135	Start On or After	15-Oct-21*	26-Feb-22	18-Oct-21	01-Mar-22	3						15-Oct-21*
05-4710	External and internal finishes design for Chimney	135	135	0%	0%	135		09-Sep-21	21-Jan-22	18-Oct-21	01-Mar-22	39						09-Sep-21
05-4720	External and internal finishes design for Reception Pavilion	135	135	0%	0%	135	Start On or After	15-Oct-21*	26-Feb-22	18-Oct-21	01-Mar-22	3						15-Oct-21*
05-4730	External and internal finishes design for MT Plant Building (2.11.16)	137	137	0%	0%	137		14-Oct-21	27-Feb-22	16-Oct-21	01-Mar-22	2						14-Oct-21
05-4760	External and internal finishes design for the Administration Building (2.11.19)	137	137	0%	0%	137		13-Oct-21	26-Feb-22	16-Oct-21	01-Mar-22	3						13-Oct-21
05-4770	External and internal finishes design for the IWMF Substation (2.11.20)	137	137	0%	0%	137		31-Jul-21	14-Dec-21	16-Oct-21	01-Mar-22	77						31-Jul-21
<b>EP_SP_66_12-WP6A-M44.05.02.11.7 Landscape masterplan (2.11.21)</b>		105	105	0%		105		13-Sep-21	26-Dec-21	24-Oct-21	05-Feb-22	41						
05-4780	Water Feature	105	105	0%	0%	105		13-Sep-21	26-Dec-21	24-Oct-21	05-Feb-22	41						13-Sep-21
05-4780-1(6C)	Turbine Hall Building (2.11.07.04)	105	105	0%	0%	105		13-Sep-21	26-Dec-21	24-Oct-21	05-Feb-22	41						13-Sep-21
05-4780-2(6C)	Reception Pavilion (2.11.07.06)	105	105	0%	0%	105		13-Sep-21	26-Dec-21	24-Oct-21	05-Feb-22	41						13-Sep-21
05-4780-3(6C)	MT Plant Building and Water Treatment Plant Building (2.11.07.07)	105	105	0%	0%	105		13-Sep-21	26-Dec-21	24-Oct-21	05-Feb-22	41						13-Sep-21
05-4780-4(6C)	Administration Building (2.11.07.08)	105	105	0%	0%	105		13-Sep-21	26-Dec-21	24-Oct-21	05-Feb-22	41						13-Sep-21
05-4780-5(6C)	IWMF Substation (2.11.07.09)	105	105	0%	0%	105		13-Sep-21	26-Dec-21	24-Oct-21	05-Feb-22	41						13-Sep-21
05-4780-6(6C)	Process Building (2.11.07.10)	105	105	0%	0%	105		13-Sep-21	26-Dec-21	24-Oct-21	05-Feb-22	41						13-Sep-21
<b>EP_SP_66_12-WP6A-M44.05.02.11.8 Architectural Detailing - Site Wide (2.11.30)</b>		135	135	0%		135		12-Aug-21	24-Dec-21	24-Sep-21	05-Feb-22	43						
05-4800	Architectural Detailing - Site Wide Concept	135	135	0%	0%	135		12-Aug-21	24-Dec-21	24-Sep-21	05-Feb-22	43						12-Aug-21
<b>EP_SP_66_12-WP6A-M44.05.02.11.9 External and internal finishes design for Elevated Driveway</b>		137	137	0%		137		29-Sep-21	12-Feb-22	22-Sep-21	05-Feb-22	-7						
05-5420	External and internal finishes design for Elevated Driveway	137	137	0%	0%	137		29-Sep-21	12-Feb-22	22-Sep-21	05-Feb-22	-7						29-Sep-21
<b>EP_SP_66_12-WP6A-M44.05.02.12 DDA Testing and Commissioning (2.12)</b>		120	120	0%		120		29-Sep-21	26-Jan-22	15-Jun-22	05-Aug-23	556						
05-4810-1(5a)	Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages)	105	105	0%	0%	105		29-Sep-21	11-Jan-22	15-Jun-22	27-Sep-22	259						29-Sep-21
05-4820	Site Acceptance Testing plan (2.12.10)	105	105	0%	0%	105		14-Oct-21	26-Jan-22	23-Apr-23	05-Aug-23	556						14-Oct-21
<b>EP_SP_66_12-WP6A-M44.05.02.13 DDA Transportation Facilities for the Operation (2.13)</b>		608	608	0%		608		14-Aug-21	13-Apr-23	06-Feb-23	13-Dec-24	610						
05-4850	Design of vehicles for MSW and Ash and Residues delivery (2.13.05)	493	493	0%	0%	493		14-Aug-21	19-Dec-22	06-Feb-23	12-Jun-24	541						14-Aug-21
05-4860	Design of marine vessels for the use of the Employer and visitors (2.13.06)	608	608	0%	0%	608		14-Aug-21	13-Apr-23	16-Apr-23	13-Dec-24	610						14-Aug-21
<b>EP_SP_66_12-WP6A-M44.05.02.14 DDA Miscellaneous Works (2.14)</b>		588	588	0%		588		28-Sep-21	08-May-23	21-Nov-22	30-Jun-24	419						
05-4880	Design of visitors and environmental education facilities (2.14.06)	588	588	0%	0%	588		28-Sep-21	08-May-23	21-Nov-22	30-Jun-24	419						28-Sep-21
<b>EP_SP_66_12-WP6A-M44.05.02.16 DDA Auxiliary Plant Systems (2.16)</b>		206	206	0%		206		29-Sep-21	22-Apr-22	14-Apr-22	21-Nov-22	213						
05-4940-1(5a)	IWMF Laboratory (2.16.08)	135	135	0%	0%	135		13-Oct-21	24-Feb-22	10-Jul-22	21-Nov-22	270						13-Oct-21

### 3-Month Rolling Programme (July 2021)

Remaining Work
  Actual Work
  Critical Remaining Work
 ◆ Actual Milestone
 ◆ Critical Milestone
 ◆ Milestone

Activity ID	Activity Name	Original Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Current Start	Current Finish	Late Start	Late Finish	Total Float	M44 Remarks	2021				
														Jul 44	Aug 45	Sep 46	Oct 47	
05-4940-2(5a)	hoisting systems (2.16.10)	206	206	0%	0%	206		29-Sep-21	22-Apr-22	14-Apr-22	05-Nov-22	197						
<b>EP_SP_66_12-WP6A-M44.06 Procurement of Major Equipment</b>																		
<b>EP_SP_66_12-WP6A-M44.06.1 Off-site Fabrication of Incineration Modules</b>																		
<b>EP_SP_66_12-WP6A-M44.06.1.25 Material Procurement</b>																		
06-1000-1(1)	Mechanical Equipment Material Submission and Approval	180	1147	83.89%	58%	29	Finish On or Before	09-Jul-18 A	28-Aug-21*	31-Jul-21	28-Aug-21	0						
06-1000-2(1)	Pipe Material Submission and Approval	180	670	95.56%	58%	8		29-Oct-19 A	28-Aug-21	23-Mar-22	30-Mar-22	214						
06-1000-3(1)	Electrical and Instrumentation Material Submission and Approval	180	670	83.89%	58%	29		29-Oct-19 A	28-Aug-21	02-Mar-22	30-Mar-22	214						
06-1010-1(1)	Mechanical Equipment Procurement (incl. FAT)	90	1247	33.33%	33.33%	60		29-Jun-18 A	26-Nov-21	30-Apr-22	28-Jun-22	214						
06-1010-2(1)	Pipe Material Procurement (incl. FAT)	90	760	33.33%	33.33%	60		29-Oct-19 A	26-Nov-21	30-Apr-22	28-Jun-22	214						
06-1010-3(1)	Electrical and Instrumentation Material Procurement (Incl. FAT)	90	760	33.33%	33.33%	60		29-Oct-19 A	26-Nov-21	30-Apr-22	28-Jun-22	214						
<b>EP_SP_66_12-WP6A-M44.06.1.26 Fabrication of Module (TPU)</b>																		
<b>EP_SP_66_12-WP6A-M44.06.1.26.1 Process Island Furnace Boiler line 1</b>																		
06-2010(6)	Process Island Furnace Boiler Line 1 Structure Cutting, Painting & Fabrication	370	430	69.19%	69.19%	114		18-Sep-20 A	21-Nov-21	09-Jun-21	30-Sep-21	-52						
06-2020(6)	Process Island Furnace Boiler Line 1 Structure Erection	476	553	25.21%	25.21%	356		15-Jan-21 A	21-Jul-22	09-Jun-21	30-May-22	-52						
06-2030(6)	Process Island Furnace Boiler Line 1 Mechanical Fabrication	300	331	95%	95%	15		18-Sep-20 A	14-Aug-21	09-Jun-21	23-Jun-21	-52						
06-2030-1(6)	Process Island Furnace Boiler Line 1 Mechanical Erection	331	331	0%	0%	331		03-Aug-21	29-Jun-22	12-Jun-21	08-May-22	-52						
06-2040(6)	Process Island Furnace Boiler Line 1 Piping Fabrication	350	350	48.86%	48.86%	179		10-Feb-21 A	25-Jan-22	09-Jun-21	04-Dec-21	-52						
06-2040-1(6)	Process Island Furnace Boiler Line 1 Piping Installation	350	350	0%	0%	350		04-Aug-21	19-Jul-22	13-Jun-21	28-May-22	-52						
06-2050(6)	Process Island Furnace Boiler Line 1 Electrical & Instrumentation Fabrication	340	340	0%	0%	340		31-Jul-21	05-Jul-22	09-Jun-21	14-May-22	-52						
06-2050-1(6)	Process Island Furnace Boiler Line 1 Electrical & Instrumentation installation	340	340	0%	0%	340		29-Aug-21	03-Aug-22	08-Jul-21	12-Jun-22	-52						
<b>EP_SP_66_12-WP6A-M44.06.1.26.2 Process Island Furnace Boiler line 2</b>																		
06-2100(6)	Process Island Furnace Boiler Line 2 Structure Cutting, Painting & Fabrication	370	500	38.92%	38.92%	226		30-Oct-20 A	13-Mar-22	14-Jun-21	25-Jan-22	-47						
06-2110(6)	Process Island Furnace Boiler Line 2 Structure Erection	437	494	4.81%	4.81%	416		14-May-21 A	19-Sep-22	14-Jun-21	03-Aug-22	-47						
06-2120(6)	Process Island Furnace Boiler Line 2 Mechanical Fabrication	270	381	75.93%	75.93%	65		18-Sep-20 A	03-Oct-21	14-Jun-21	17-Aug-21	-47						
06-2120-1(6)	Process Island Furnace Boiler Line 2 Mechanical Erection	305	305	0%	0%	305		02-Sep-21	03-Jul-22	17-Jul-21	17-May-22	-47						
06-2130(6)	Process Island Furnace Boiler Line 2 Piping Fabrication	350	381	32.29%	32.29%	237		09-Mar-21 A	24-Mar-22	14-Jun-21	05-Feb-22	-47						
06-2130-1(6)	Process Island Furnace Boiler Line 2 Piping Installation	350	350	0%	0%	350		08-Aug-21	23-Jul-22	22-Jun-21	06-Jun-22	-47						
06-2140(6)	Process Island Furnace Boiler Line 2 Electrical & Instrumentation Fabrication	331	331	0%	0%	331		31-Jul-21	26-Jun-22	14-Jun-21	10-May-22	-47						
06-2140-1(6)	Process Island Furnace Boiler Line 2 Electrical & Instrumentation installation	331	331	0%	0%	331		11-Sep-21	07-Aug-22	26-Jul-21	21-Jun-22	-47						
<b>EP_SP_66_12-WP6A-M44.06.1.26.3 Process Island Furnace Boiler line 3</b>																		
06-2190(6)	Process Island Furnace Boiler Line 3 Structure Cutting, Painting & Fabrication	264	498	5.68%	5.68%	249		24-Nov-20 A	05-Apr-22	08-Jul-21	13-Mar-22	-23						
06-2200-1(6)	Process Island Furnace Boiler Line 3 Structure Erection	429	429	0%	0%	429		31-Jul-21	02-Oct-22	08-Jul-21	09-Sep-22	-23						
06-2210-1(6)	Process Island Furnace Boiler Line 3 Mechanical Fabrication	270	270	0%	0%	270		31-Jul-21	26-Apr-22	08-Jul-21	03-Apr-22	-23						
06-2215-1(6)	Process Island Furnace Boiler Line 3 Mechanical Erection	300	300	0%	0%	300		17-Sep-21	13-Jul-22	25-Aug-21	20-Jun-22	-23						
06-2220-1(6)	Process Island Furnace Boiler Line 3 Piping Fabrication	350	350	41.14%	41.14%	206		09-Mar-21 A	21-Feb-22	08-Jul-21	29-Jan-22	-23						
06-2225-1(6)	Process Island Furnace Boiler Line 3 Piping Installation	350	350	0%	0%	350		28-Aug-21	12-Aug-22	05-Aug-21	20-Jul-22	-23						
06-2230-1(6)	Process Island Furnace Boiler Line 3 Electrical & Instrumentation Fabrication	340	340	0%	0%	340		29-Sep-21	03-Sep-22	06-Sep-21	11-Aug-22	-23						
06-2235-1(6)	Process Island Furnace Boiler Line 3 Electrical & Instrumentation installation	340	340	0%	0%	340		04-Oct-21	08-Sep-22	11-Sep-21	16-Aug-22	-23						
<b>EP_SP_66_12-WP6A-M44.06.1.26.4 Process Island Furnace Boiler line 4</b>																		
06-2280(6)	Process Island Furnace Boiler Line 4 Structure Cutting, Painting & Fabrication	370	471	35.68%	35.68%	238		10-Dec-20 A	25-Mar-22	05-Jul-21	28-Feb-22	-25						
06-2290-1(6)	Process Island Furnace Boiler Line 4 Structure Erection	485	518	13.81%	13.81%	418		22-Apr-21 A	21-Sep-22	06-Jul-21	27-Aug-22	-25						
06-2305-1(6)	Process Island Furnace Boiler Line 4 Mechanical Erection	314	314	0%	0%	314		24-Sep-21	03-Aug-22	30-Aug-21	09-Jul-22	-25						
06-2310-1(6)	Process Island Furnace Boiler Line 4 Piping Fabrication	350	381	32.29%	32.29%	237		09-Mar-21 A	24-Mar-22	06-Jul-21	27-Feb-22	-25						
06-2315-1(6)	Process Island Furnace Boiler Line 4 Piping Installation	350	350	0%	0%	350		18-Sep-21	02-Sep-22	24-Aug-21	08-Aug-22	-25						
06-2320-1(6)	Process Island Furnace Boiler Line 4 Electrical & Instrumentation Fabrication	340	340	0%	0%	340		31-Jul-21	05-Jul-22	06-Jul-21	10-Jun-22	-25						

3-Month Rolling Programme (July 2021)

■ Remaining Work      ◆ Actual Milestone  
■ Actual Work      ◆ Critical Milestone  
■ Critical Remaining Work  
◆ Milestone

Activity ID	Activity Name	Original Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Current Start	Current Finish	Late Start	Late Finish	Total Float	M44 Remarks	2021				
														Jul 44	Aug 45	Sep 46	Oct 47	
06-2325-1(6)	Process Island Furnace Boiler Line 4 Electrical & Instrumentation installation	340	340	0%	0%	340		13-Oct-21	17-Sep-22	18-Sep-21	23-Aug-22	-25						13-Oct-21
<b>EP_SP_66_12-WP6A-M44.06.1.26.5 Process Island Furnace Boiler line 5</b>																		
06-2370(6)	Process Island Furnace Boiler Line 5 Structure Cutting, Painting & Fabrication	370	512	16.76%	16.76%	308		08-Jan-21 A	03-Jun-22	14-Jul-21	17-May-22	-17						
06-2380(6)	Process Island Furnace Boiler Line 5 Structure Erection	480	480	0%	0%	480		07-Aug-21	29-Nov-22	21-Jul-21	12-Nov-22	-17					07-Aug-21	
06-2390(6)	Process Island Furnace Boiler Line 5 Mechanical Fabrication	270	586	0%	0%	270		18-Sep-20 A	26-Apr-22	14-Jul-21	09-Apr-22	-17						
06-2390-1(6)	Process Island Furnace Boiler Line 5 Mechanical Erection	322	322	0%	0%	322		25-Oct-21	11-Sep-22	08-Oct-21	25-Aug-22	-17						25-Oct-21
06-2400-1(6)	Process Island Furnace Boiler Line 5 Piping Fabrication	350	381	28.29%	28.29%	251		23-Mar-21 A	07-Apr-22	14-Jul-21	21-Mar-22	-17						
06-2405-1(6)	Process Island Furnace Boiler Line 5 Piping Installation	350	350	0%	0%	350		27-Oct-21	11-Oct-22	10-Oct-21	24-Sep-22	-17						27-Oct-21
06-2410-1(6)	Process Island Furnace Boiler Line 5 Electrical & Instrumentation Fabrication	340	340	0%	0%	340		31-Jul-21	05-Jul-22	14-Jul-21	18-Jun-22	-17					31-Jul-21	
<b>EP_SP_66_12-WP6A-M44.06.1.26.6 Process Island Furnace Boiler line 6</b>																		
06-2460(6)	Process Island Furnace Boiler Line 6 Structure Cutting, Painting & Fabrication	370	449	26.76%	26.76%	271		03-Feb-21 A	27-Apr-22	26-Jul-21	22-Apr-22	-5						
06-2470(6)	Process Island Furnace Boiler Line 6 Structure Erection	429	429	0%	0%	429		17-Aug-21	19-Oct-22	14-Aug-21	16-Oct-22	-3					17-Aug-21	
06-2480(6)	Process Island Furnace Boiler Line 6 Mechanical Fabrication	270	331	94.44%	94.44%	15		18-Sep-20 A	14-Aug-21	26-Jul-21	09-Aug-21	-5						Process Island Furnace Boiler Line 6 Mechanical Fabricat
06-2480-1(6)	Process Island Furnace Boiler Line 6 Mechanical Erection	320	320	0%	0%	320		31-Jul-21	15-Jun-22	22-Oct-21	06-Sep-22	83					31-Jul-21	
06-2490(6)	Process Island Furnace Boiler Line 6 Piping Fabrication	350	381	28.29%	28.29%	251		23-Mar-21 A	07-Apr-22	26-Jul-21	02-Apr-22	-5						
06-2490-1(6)	Process Island Furnace Boiler Line 6 Piping Installation	350	350	0%	0%	350		22-Oct-21	06-Oct-22	17-Oct-21	01-Oct-22	-5						22-Oct-21
06-2500(6)	Process Island Furnace Boiler Line 6 Electrical & Instrumentation Fabrication	340	340	0%	0%	340		31-Jul-21	05-Jul-22	26-Jul-21	30-Jun-22	-5					31-Jul-21	
<b>EP_SP_66_12-WP6A-M44.06.1.7 Fabrication of Module (FGC)</b>																		
<b>EP_SP_66_12-WP6A-M44.06.1.7.1 Process Island FGC line 1</b>																		
06-2000(6)	Process Island FGC Line 1 Structure Cutting, Painting & Fabrication	274	401	11.31%	11.31%	243		23-Feb-21 A	30-Mar-22	10-Jun-21	07-Feb-22	-51						
06-2550(6)	Process Island FGC Line 1 Structure Erection	474	564	6.54%	6.54%	443		01-Apr-21 A	16-Oct-22	10-Jun-21	26-Aug-22	-51						
06-2560(6)	Process Island FGC Line 1 Mechanical Fabrication	270	270	82.22%	82.22%	48		21-Dec-20 A	16-Sep-21	13-Jan-22	01-Mar-22	166						16-Sep-21, Process Island FGC
06-2560-1(6)	Process Island FGC Line 1 Mechanical Erection	270	270	0%	0%	270		31-Jul-21	26-Apr-22	21-Oct-21	17-Jul-22	82					31-Jul-21	
06-2570(6)	Process Island FGC Line 1 Piping Fabrication	350	350	18%	18%	287		29-May-21 A	13-May-22	10-Jun-21	23-Mar-22	-51						
06-2570-1(6)	Process Island FGC Line 1 Piping Installation	350	350	0%	0%	350		01-Sep-21	16-Aug-22	12-Jul-21	26-Jun-22	-51						01-Sep-21
06-2580(6)	Process Island FGC Line 1 Electrical & Instrumentation Fabrication	340	340	0%	0%	340		31-Jul-21	05-Jul-22	10-Jun-21	15-May-22	-51					31-Jul-21	
06-2580-1(6)	Process Island FGC Line 1 Electrical & Instrumentation installation	340	340	0%	0%	340		26-Sep-21	31-Aug-22	06-Aug-21	11-Jul-22	-51						26-Sep-21
<b>EP_SP_66_12-WP6A-M44.06.1.7.2 Process Island FGC line 2</b>																		
06-2630(6)	Process Island FGC Line 2 Structure Cutting, Painting & Fabrication	345	369	40.87%	40.87%	204		16-Feb-21 A	19-Feb-22	03-Jul-21	22-Jan-22	-28						
06-2640(6)	Process Island FGC Line 2 Structure Erection	441	542	4.54%	4.54%	421		01-Apr-21 A	24-Sep-22	03-Jul-21	27-Aug-22	-28						
06-2650(6)	Process Island FGC Line 2 Mechanical Fabrication	270	301	65.19%	65.19%	94		05-Jan-21 A	01-Nov-21	21-Nov-21	22-Feb-22	113						
06-2650-1(6)	Process Island FGC Line 2 Mechanical Erection	300	300	0%	0%	300		31-Jul-21	26-May-22	14-Sep-21	10-Jul-22	45					31-Jul-21	
06-2660(6)	Process Island FGC Line 2 Piping Fabrication	350	381	7.71%	7.71%	323		03-Jun-21 A	18-Jun-22	03-Jul-21	21-May-22	-28						
06-2660-1(6)	Process Island FGC Line 2 Piping Installation	350	350	0%	0%	350		25-Aug-21	09-Aug-22	28-Jul-21	12-Jul-22	-28						25-Aug-21
06-2670(6)	Process Island FGC Line 2 Electrical & Instrumentation Fabrication	340	340	0%	0%	340		31-Jul-21	05-Jul-22	03-Jul-21	07-Jun-22	-28					31-Jul-21	
06-2670-1(6)	Process Island FGC Line 2 Electrical & Instrumentation installation	340	340	0%	0%	340		19-Sep-21	24-Aug-22	22-Aug-21	27-Jul-22	-28						19-Sep-21
<b>EP_SP_66_12-WP6A-M44.06.1.7.3 Process Island FGC line 3</b>																		
06-2720(6)	Process Island FGC Line 3 Structure Cutting, Painting & Fabrication	345	436	40.87%	40.87%	204		11-Dec-20 A	19-Feb-22	03-Jul-21	22-Jan-22	-28						
06-2730(6)	Process Island FGC Line 3 Structure Erection	494	552	5.26%	5.26%	468		08-May-21 A	10-Nov-22	03-Jul-21	13-Oct-22	-28						
06-2740(6)	Process Island FGC Line 3 Mechanical Fabrication	270	301	65.19%	65.19%	94		05-Jan-21 A	01-Nov-21	13-Dec-21	16-Mar-22	135						
06-2740-1(6)	Process Island FGC Line 3 Mechanical Erection	351	351	0%	0%	351		31-Jul-21	16-Jul-22	15-Sep-21	31-Aug-22	46					31-Jul-21	
06-2750(6)	Process Island FGC Line 3 Piping Fabrication	350	381	7.71%	7.71%	323		03-Jun-21 A	18-Jun-22	03-Jul-21	21-May-22	-28						
06-2750-1(6)	Process Island FGC Line 3 Piping Installation	350	350	0%	0%	350		16-Oct-21	30-Sep-22	18-Sep-21	02-Sep-22	-28						16-Oct-21
06-2760(6)	Process Island FGC Line 3 Electrical & Instrumentation Fabrication	340	340	0%	0%	340		31-Jul-21	05-Jul-22	03-Jul-21	07-Jun-22	-28					31-Jul-21	
<b>EP_SP_66_12-WP6A-M44.06.1.7.4 Process Island FGC line 4</b>																		

**3-Month Rolling Programme (July 2021)**

■ Remaining Work      ◆ Actual Milestone  
■ Actual Work      ◆ Critical Milestone  
■ Critical Remaining Work  
◆ Milestone







Activity ID	Activity Name	Original Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Current Start	Current Finish	Late Start	Late Finish	Total Float	M44 Remarks	2021				
														Jul 44	Aug 45	Sep 46	Oct 47	
08-1390 (M34)40	Surcharge Period at remedial area	180	180	0%	0%	180		24-Oct-21	22-Apr-22	17-Dec-21	14-Jun-22	54					24-Oct-21	
<b>EP_SP_66_12-WP6A-M44.08.1.2.2 Breakwater</b>																		
08-1280	Rubble Mound Laying (100,000m3 approx, @550m3/d)	188	342	97.87%	97.87%	4		19-Jun-20 A	26-Nov-21	04-Apr-22	05-Sep-22	283					13-Aug-21, Rubble Mound Laying (100,000m3 approx, @550m3/d)	
08-1285(1)	Prefabrication for Caisson	180	452	80.56%	80.56%	35		19-Jun-20 A	13-Sep-21	04-Apr-22	08-May-22	237					13-Sep-21, Prefabrication for Caisson	
08-1290	Caisson Laying (Total 29hrs, @2 hrs/week)	150	294	56.67%	56.67%	65		24-Dec-20 A	13-Oct-21	04-Apr-22	07-Jun-22	237					13-Oct-21, Caisson Laying	
08-1295(3)	Caisson Infill, Solid ballast, toe protection, precast concrete blocks ..etc Laying	200	337	45.5%	45.5%	109		25-Dec-20 A	26-Nov-21	20-May-22	05-Sep-22	283					08-Sep-21, Caisson Infill, Solid ballast, toe protection, precast concrete blocks ..etc Laying	
<b>EP_SP_66_12-WP6A-M44.08.1.2.3 Seawall and Berth at Marine Access</b>																		
08-1320(5A)	Caisson Infill, Solid ballast, toe protection, precast concrete blocks ..etc Laying	30	174	0%	0%	30		19-Mar-21 A	08-Sep-21	30-Mar-22	28-Apr-22	232					08-Sep-21, Caisson Infill, Solid ballast, toe protection, precast concrete blocks ..etc Laying	
<b>EP_SP_66_12-WP6A-M44.09 Foundation Works</b>																		
<b>EP_SP_66_12-WP6A-M44.09.0 Site Investigation and Preliminary Pile</b>																		
09-1000	Ground Investigation	14	43	0%	0%	14		08-Jul-21 A	19-Aug-21	11-Aug-21	24-Aug-21	5		A			19-Aug-21, Ground Investigation, Ground Investigation, Ground Investigation	
09-1010	Mobilization of Piling Plant	7	7	0%	0%	7		13-Aug-21	19-Aug-21	18-Aug-21	24-Aug-21	5				13-Aug-21	19-Aug-21, Mobilization of Piling Plant	
<b>EP_SP_66_12-WP6A-M44.09.0.13 Preliminary Percussive H Pile</b>																		
09-1020	Preliminary Pile Installation	7	7	0%	0%	7		20-Aug-21	26-Aug-21	25-Aug-21	31-Aug-21	5					20-Aug-21	26-Aug-21, Preliminary Pile Installation
09-1030	Preliminary Pile Load Test	14	14	0%	0%	14		27-Aug-21	09-Sep-21	01-Sep-21	14-Sep-21	5					27-Aug-21	09-Sep-21, Preliminary Pile Load Test
<b>EP_SP_66_12-WP6A-M44.09.0.2 Preliminary Socket H Pile</b>																		
09-1040	Preliminary Pile Installation	7	7	0%	0%	7		20-Aug-21	26-Aug-21	17-Sep-21	23-Sep-21	28					20-Aug-21	26-Aug-21, Preliminary Pile Installation
09-1050	Preliminary Pile Load Test	14	14	0%	0%	14		27-Aug-21	09-Sep-21	24-Sep-21	07-Oct-21	28					27-Aug-21	09-Sep-21, Preliminary Pile Load Test
<b>EP_SP_66_12-WP6A-M44.09.2 Process Building - Waste Bunker &amp; Tipping Hall Bld Foundation</b>																		
<b>EP_SP_66_12-WP6A-M44.09.2.4 Piling Works (Driven H-pile)</b>																		
<b>EP_SP_66_12-WP6A-M44.09.2.4.1 Piling Stage 1 (Module 1)</b>																		
09-1110(6)	Pre-drilling for Driven Pile founding determination (30nr ~ 60mnr, @20m/d, 4 Rigs)	23	23	0%	0%	23		27-Aug-21	18-Sep-21	01-Sep-21	23-Sep-21	5					27-Aug-21	18-Sep-21, Pre-drilling for Driven Pile founding determination
<b>EP_SP_66_12-WP6A-M44.09.2.1 Piling Works (Socket H-pile)</b>																		
<b>EP_SP_66_12-WP6A-M44.09.2.1.2 Piling Stage 1 (Module 1)</b>																		
09-2180	Pre-drilling for Prebored H-Pile founding determination (13nr ~ 60m, @20m/d, 4 Rigs)	10	10	0%	0%	10		19-Sep-21	28-Sep-21	24-Sep-21	03-Oct-21	5					19-Sep-21	28-Sep-21, Pre-drilling for Prebored H-Pile founding determination
<b>EP_SP_66_12-WP6A-M44.09.2.1.1 Piling Stage 2 (Module 2)</b>																		
09-2230	Pre-drilling for Prebored H-Pile founding determination (10nr ~ 60m, @20m/d, 4 Rigs)	8	8	0%	0%	8		19-Oct-21	26-Oct-21	24-Oct-21	31-Oct-21	5					19-Oct-21	26-Oct-21, Pre-drilling for Prebored H-Pile founding determination
09-2290	Pre-drilling for Prebored H-Pile founding determination (26nr ~ 60m, @20m/d, 4 Rigs)	20	20	0%	0%	20		29-Sep-21	18-Oct-21	04-Oct-21	23-Oct-21	5					29-Sep-21	18-Oct-21, Pre-drilling for Prebored H-Pile founding determination
<b>EP_SP_66_12-WP6A-M44.09.3 Process Building - Boiler &amp; Flue Gas Treatment Bld Foundation</b>																		
<b>EP_SP_66_12-WP6A-M44.09.3.1 Boiler Building &amp; Flue Gas Foundation</b>																		
<b>EP_SP_66_12-WP6A-M44.09.3.1.2 Piling Works (Driven H-pile)</b>																		
<b>EP_SP_66_12-WP6A-M44.09.3.1.2.1 Piling Stage 1 (Module 1)</b>																		
09-1310(6)	Pre-drilling for Driven Pile founding determination (71nr ~ 60m, @20m/d, 4 Rigs)	54	54	0%	0%	54		27-Oct-21	19-Dec-21	01-Nov-21	24-Dec-21	5					27-Oct-21	19-Dec-21, Pre-drilling for Driven Pile founding determination
<b>EP_SP_66_12-WP6A-M44.15 Works By CLP</b>																		
<b>EP_SP_66_12-WP6A-M44.15.1 Installation of Transmission System</b>																		
15-0800	450 days Prior to Commencement of System Commissioning Test	0	0	0%	0%	0		30-Apr-23		21-Mar-23		-40						
15-0900	Completion of Civil Provision for Transmission	0	0	0%	0%	0			22-Mar-23		20-Mar-23	-2						
15-1000	Construction of Transmission System	90	90	0%	0%	90	Start On or After	01-Nov-23*	29-Jan-24	05-Mar-24	02-Jun-24	125						
15-1002	Cable Testing	30	30	0%	0%	30		30-Jan-24	28-Feb-24	03-Jun-24	02-Jul-24	125						
<b>EP_SP_66_12-WP6A-M44.15.2 Remaining Installation Works by CLP</b>																		
15-1005	Handover of CLP Equipment Room for Telecom / Digital / Security / Metering equipment Installation and testing	60	60	0%	0%	60	As Late As Possible	31-Dec-23	28-Feb-24	04-May-24	02-Jul-24	125						
15-1010	132kV cable termination at IWMF 132kV switchgear (2 panels) and associated HVAC circuits	30	30	0%	0%	30		29-Feb-24	29-Mar-24	03-Jul-24	01-Aug-24	125						
15-1010-1(6)	Overall testing and commissioning of 2 x CHS-IWMF circuits	60	60	0%	0%	60		30-Mar-24	28-May-24	02-Aug-24	30-Sep-24	125						
<b>EP_SP_66_12-WP6A-M44.15.3 Metering &amp; Energization</b>																		
15-1020	Incoming Power System Final Inspection and Metering works	30	30	0%	0%	30		29-May-24	27-Jun-24	01-Oct-24	30-Oct-24	125						
15-1030	Energization of Incoming Power Supply Main System	0	0	0%	0%	0	Start On or After	03-Nov-24*		30-Oct-24		-3						
15-1040	Energization of Incoming Power Supply Sub System	0	0	0%	0%	0	Start On or After	03-Nov-24*		14-Dec-24		41						
15-1050	Export Power System Final Inspection and Metering works	30	30	0%	0%	30		29-May-24	27-Jun-24	01-Oct-24	30-Oct-24	125						
15-1060	Connection to Grid	0	0	0%	0%	0			27-Jun-24		30-Oct-24	125						
<b>EP_SP_66_12-WP6A-M44.16 Testing &amp; Commissioning</b>																		
		30	30	0%	0%	30		02-Aug-21	31-Aug-21	23-Dec-21	21-Jan-22	143						

3-Month Rolling Programme (July 2021)

Remaining Work      ◆      ◆ Actual Milestone  
Actual Work      ◆      ◆ Critical Milestone  
Critical Remaining Work  
◆      ◆ Milestone

Activity ID	Activity Name	Original Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Current Start	Current Finish	Late Start	Late Finish	Total Float	M44 Remarks	2021			
														Jul 44	Aug 45	Sep 46	Oct 47
EP_SP_66_12-WP6A-M44.16.22	SAT & System Commissioning Tests	30	30	0%		30		02-Aug-21	31-Aug-21	23-Dec-21	21-Jan-22	143					
EP_SP_66_12-WP6A-M44.16.22.20	Civil and Builder Works Completion Inspections	30	30	0%		30		02-Aug-21	31-Aug-21	23-Dec-21	21-Jan-22	143					
16-1900-1(6)	Ground resistance test	30	30	0%	0%	30		02-Aug-21	31-Aug-21	23-Dec-21	21-Jan-22	143		02-Aug-21		31-Aug-21, Ground resistance test	

3-Month Rolling Programme (July 2021)

- Remaining Work
- Actual Work
- Critical Remaining Work
- Milestone
- Actual Milestone
- Critical Milestone