SIEMENS

NCOO93/02 GAS GENERATOR CHANGE 2014

ID	Task Mode	Task Name	Duration
1		**NC0093/02 - GAS GENERATOR CHANGE 2014**	**7.36 days**
2		**PRE INSPECTION CHECKS**	**0.91 days**
3		Induction, risk assessment and permit to work	2 hrs
4		Pre shutdown,vibration survey and parts check	3 hrs
5		Turbine shutdown, cool down period and Isolations	5 hrs
6		**GAS GEN 'C' CORE CHANGE**	**6.45 days**
7		Disconnect the GG Instrumentation	2 hrs
8		Remove low speed shaft Guards and Carry out alignment check & record figures	4 hrs
9		Remove the GG pipe work and lagging	4 hrs
10		Disconnect the inlet flexible joint	1 hr
11		Attach the two support legs	2 hrs
12		Install the GG off skid roll out and restraining kit	4 hrs
13		Disconnect the gas generator to interduct casing and roll forward	4 hrs
14		Put auxiliary gearbox on temp support	4 hrs
15		Lift the GG and remove to laydown area	4 hrs
16		Change the site specific GG fittings to the new core	4 hrs
17		Lift the GG onto the outriggers and roll into the enclosure	4 hrs
18		refit auxiliary gearbox	4 hrs
19		Connect the GG to PT	4 hrs
20		Reconnect the air inlet flexible joint	2 hrs
21		Reconnect the GG Instrumentation	3 hrs
22		Remove the GG rear supports	1 hr
23		Check the alignment	4 hrs
24		Reconnect the oil feed and drain pipes	2 hrs
25		**POWER TURBINE 'A' INSPECTION**	**0.18 days**
26		Inspect for damage and corrosion	2 hrs
27		**PACKAGE'A'INSPECTION**	**0.73 days**
28		Mechanical inspection	8 hrs
29		Electrical inspection	8 hrs
30		Vibration survey using a Snapshot analyser	2 hrs
31		**RESTART PROCEDURE**	**0.91 days**
32		Static & Dynamic Checks	2 hrs
33		Acceptance Run and vib survey	0.73 days

Task		External Tasks	Manual Task	Finish-only	ꓶ
Split		External Milestone ◆	Duration-only	Deadline	↓
Milestone ◆		Inactive Task	Manual Summary Rollup	Progress	
Summary		Inactive Milestone ◇	Manual Summary		
Project Summary		Inactive Summary	Start-only		