

MGSTF Configurations Examples

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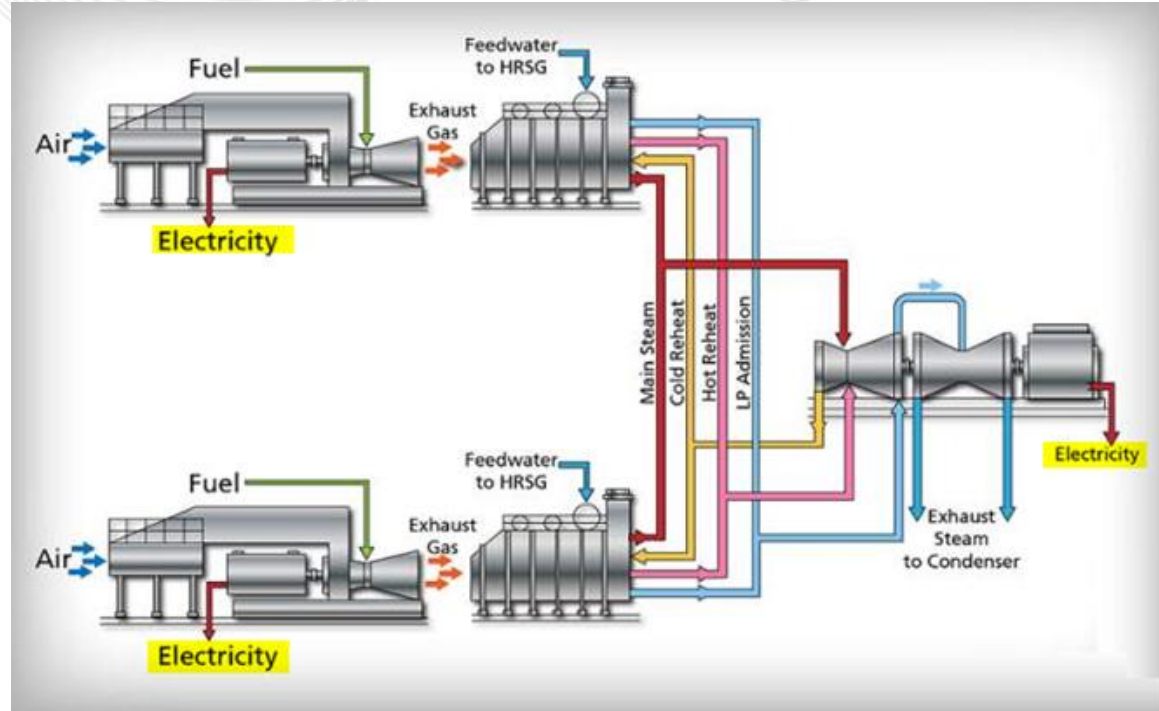
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Modelling Generation Senior Task force

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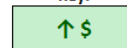
Combined Cycle Unit:

“A steam turbine generator and all associated CT/Heat Recovery Steam Generator combinations”

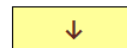


Transition		TO:			
		Offline	1 CT	2 CTs	2 CTs + ST
FROM:	Offline		↑ \$	↑ \$	↑ \$
	1 CT	↓		↑ \$	↑ \$
	2 CTs	↓	↓		↑ \$
	2 CTs + ST	↓	↓	↓	

Key:



Startup transition; Startup costs a entered for each transition in the matrix



Shutdown transition; No startup costs.

Transition		TO:			
		Offline	1 CT	2 CTs	2 CTs + ST
FROM:	Offline		↑ \$	↑ \$	↑ \$
	1 CT	↓		↑ \$	↑ \$
	2 CTs	↓	↓		↑ \$
	2 CTs + ST	↓	↓	↓	

“Transition from 2x1 to Offline”

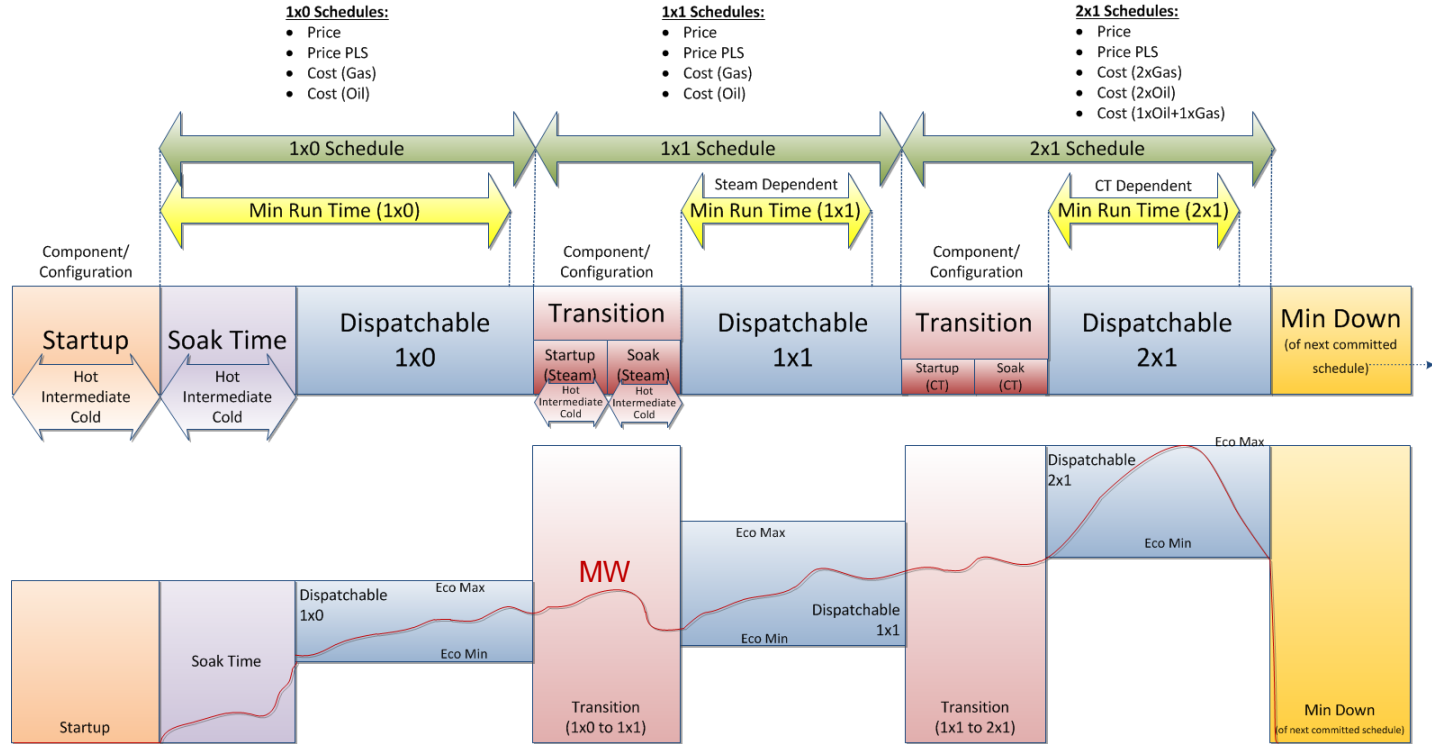
“Transition from 1 CT to 2 CTs”

Key:

↑ \$	Startup transition; Startup costs a entered for each transition in the matrix
↓	Shutdown transition; No startup costs.

Combined Cycle

1 Startup/Soak + 2 Transitions (1 Steam, 1 CT)



Fossil (Coal)

(1 Startup/Soak + 2 Transitions)

