



FAST START MODIFICATION

Product Description

- LM6000 PC, PD, PF, PG, and PH units have the unique ability to reach full power (simple cycle) from a cold start within 10 minutes.
- The current start sequence will be modified to reduce overall start-up time, dependant on the turbine type.
- Accomplishing such a quick cold start will require changes to sequencing software, along with possible HMI and core software changes.
- Fuel system must meet the requirements set in GE Vernova position paper PP07. Compliance is mandatory.
- Purge times may limit the start up reduction. Applications with HRSG or SCR require a minimum of five minutes.

Applicable Units

LM6000	✓	LM2500	
LMS100	✓	LM5000	
LM1600		TM2500	

* Configured for LM6: PC, PD, PF, PG, PH

Customer Value

- Reduced start up times help meet peak turbine demands.
- The following table breaks down the start up cycle:

Start Up Cycle	
Start initialization, enclosure purge	30 seconds
Engine/Stack/SCR or HRSG with or without air purge fans	X minutes, as required for 5 Air Changes
Accel to sync idle	2 minutes
Warm up at sync idle	2 minutes
Accel to full load without Sprint operations	4 minutes
TOTAL	X minutes XX seconds

GE Vernova's global service network provides life cycle support for more than 3,500 aeroderivative gas turbines worldwide to help you meet your business challenges and success metrics – anywhere and anytime. Our global service network connects with you locally for rapid response to your service needs.

To learn more about this product and its applicability to your gas turbine, please contact your GE Vernova Gas Power sales representative.