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 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.

Customer Value
- Reduced start up times help meet peak turbine demands.
- **The following table breaks down the 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 |

Applicable Units
- **LM6000**
- **LMS100**
- **LM1600**
- **LM2500**
- **LM5000**
- **TM2500**

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

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