

14 MW MGTU POWER PLANT MTU UNITS



7 X 2,000 KW UNITS



14mW MTU Package

OVERVIEW



14 mW Diesel Powered Generator Package

- (7) 2 mW MTU Generators
 - (4) Tier 2, 16V4000 MTU
 - (3) Tier 1, T1637M36 MTU
- 13,800/7,970 VAC
- 3 Phase 3 Wire 60 Hz
- Short Circuit Rated 18,000 ASYM

GENERATOR

KEY FEATURES



Load Break Fusible Switches

(7) Switches

- 15 kV Rated
- 200 amps
- NEMA 1
- Stand-alone Switches positioned at Grade on Generator Side

15 KV DISCONNECTS

KEY FEATURES



SWITCHGEAR

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ASCO Paralleling Switchgear

- Set up for (7) input Breakers from Generators to Main Buss
- (5) Output Breakers
- Square D mV Model VR Breakers
 - 1200a, 60 Hz, 500 mVA rated
 - Each fitted with GE Multilin 750 Feeder Management Relay and integrated into the ASCO System
 - DC Control, trip & charge
- Each Generator is connected to an ASCO Synchpower Controller
- Each Generator can be controlled in manual or automatic operation
- The Generator control is equipped with remoted operating panels allowing:
 - Syncing
 - Load Sharing
 - Load Shedding













