

Rapid Response in So. Cal.

DOCKET

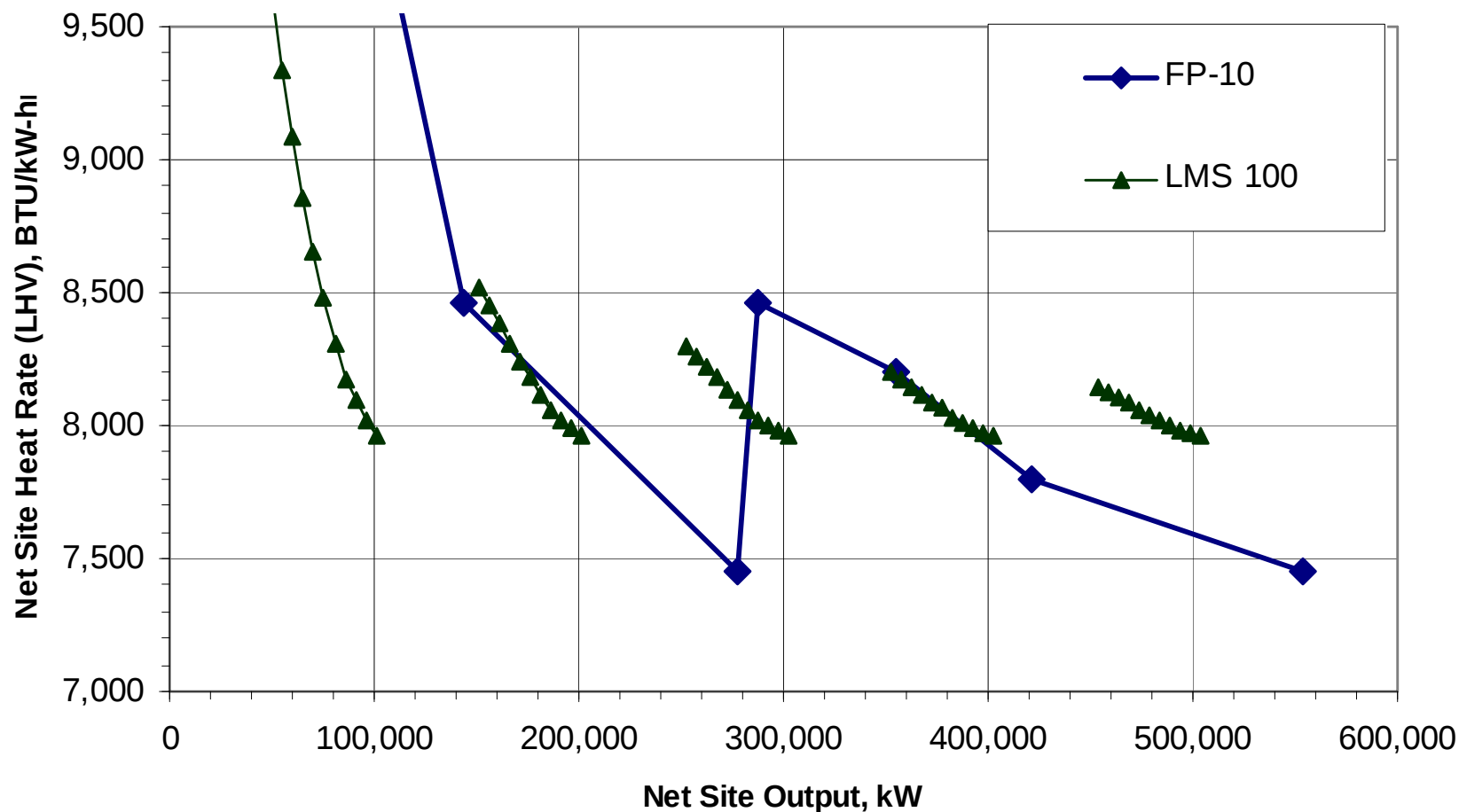
12-IEP-1D

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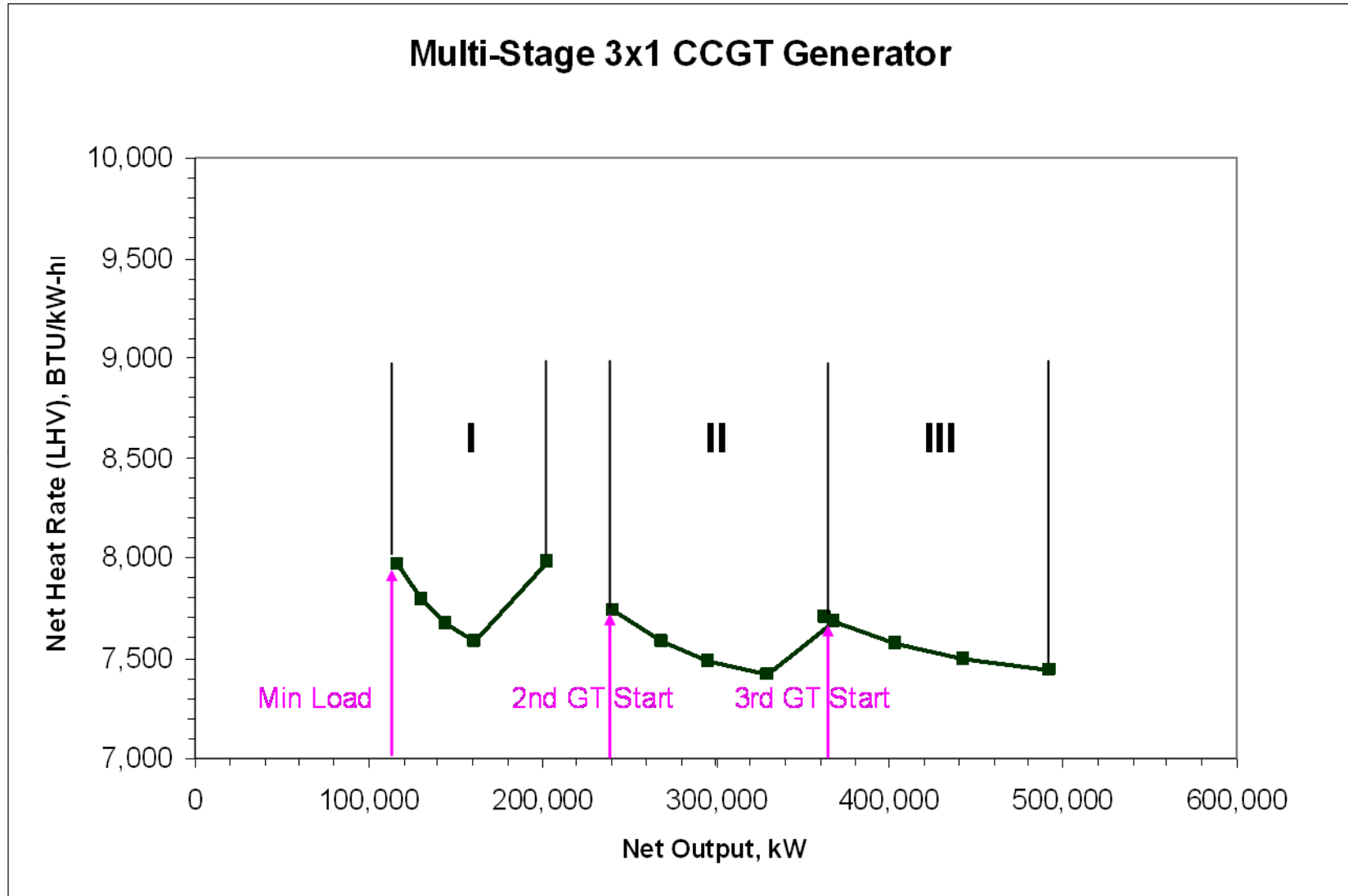
RECD. JUN 12 2012



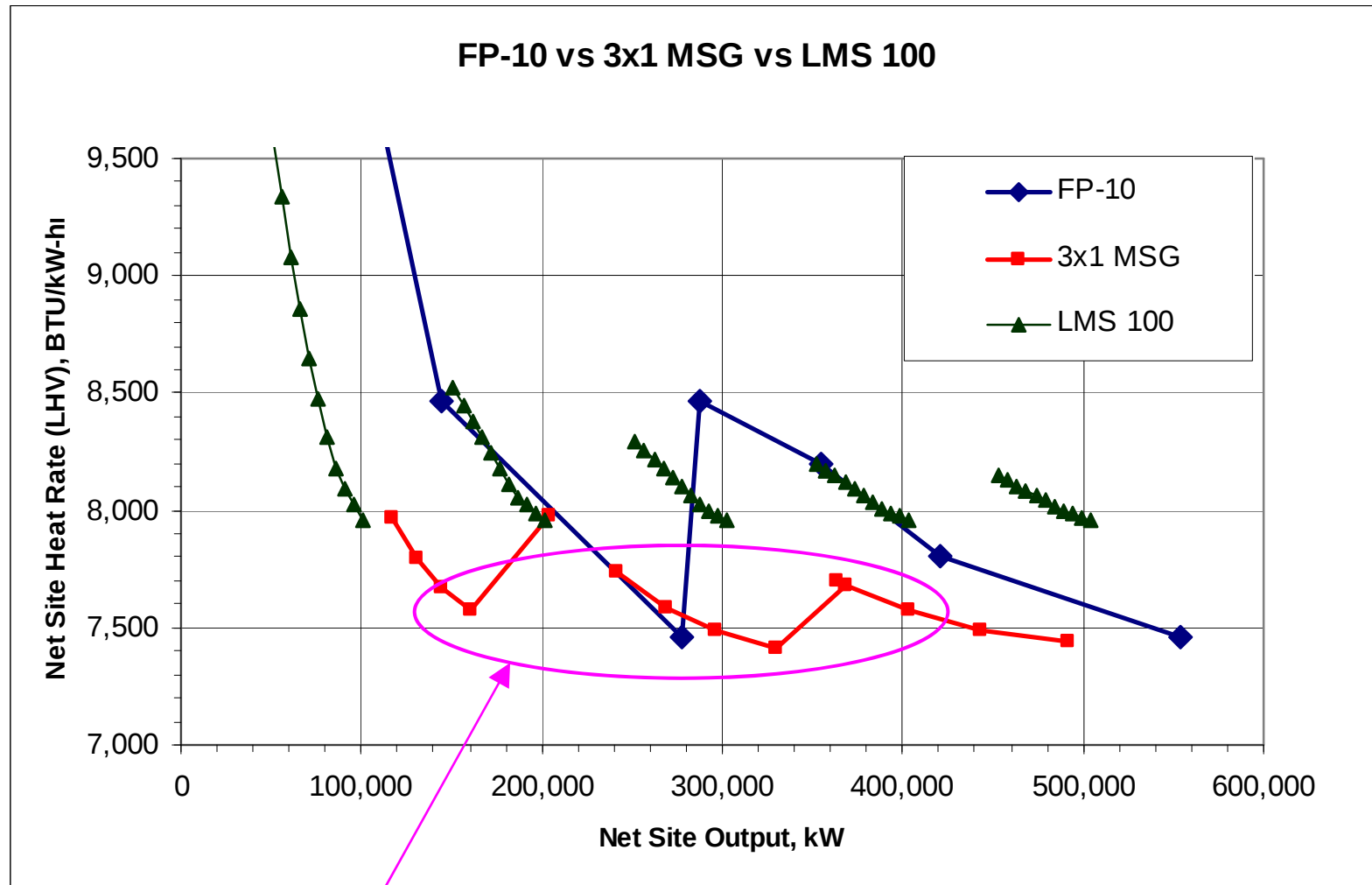
FP-10 vs LMS 100



Multi-Stage (3) Generator Heat Rate



Comparison of Rapid Response Options Heat Rate vs. Turndown



Projected Dispatch
Range

3x1 MSG-CCGT Start Up Curve

3x1 MSG (CCGT) Startup Curve

OTHER CHARACTERISTICS

Typical Maximum Output Startup. Zero (0) to 350 MW
Is not affected by Cold, Warm or Hot conditions.

Power Island Ramp Rate (if at max rating)

UP: (max) 110 MW/min

Down: (max) 250 MW/min

OFF: 5 minutes from any condition (Stage)

Minimum Turndown = 110 MW

