Appendix D

Capstone LP Stand-alone Tests
3/20/2001
Figure D-1: Ramp Tests – Power and Shaft Speed – 4 kW Steps
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Figure D-2: Ramp Tests – Power and Turbine Exit Temperature – 4 kW Steps
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Figure D-3: Ramp Tests – Power and DC Bus Voltage – 4 kW Steps
Figure D-4: Ramp Tests – Power and Line-Neutral Voltage – 4 kW Steps
Figure D-5: Ramp Tests – Power and Single Phase Power – 4 kW Steps
Figure D-6: Ramp Tests – Power and Neutral Current – 4 kW Steps
Figure D-7: Ramp Tests – Power and Shaft Speed – 3/6 kVAR Steps
Figure D-8: Ramp Tests – Power and Turbine Exit Temperature – 3/6 kVAR Tests
Figure D-9: Ramp Tests – Power and DC Bus Voltage – 3/6 kVAR Tests
Figure D-10: Ramp Tests – Power and Line-Neutral Voltage – 3/6 kVAR Steps
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Figure D-11: Ramp Tests – Power and Single Phase Power – 3/6 kVAR Steps
Figure D-12: Ramp Tests – Power and Neutral Current – 3/6 kVAR Tests
Figure D-13: Ramp Tests – Power and Shaft Speed – 8 kW and 6/18 kVAR Steps
Figure D-14: Ramp Tests – Power and Turbine Exit Temperature – 8 kW and 6/18 kVAR Steps
Figure D-15: Ramp Tests – Power and DC Bus Voltage – 8 kW and 6/18 kVAR Steps
Figure D-16: Ramp Tests – Power and Line-Neutral Voltage – 8 kW and 6/18 kVAR Steps
Figure D-17: Ramp Tests – Power and Single Phase Power – 8 kW and 6/18 kVAR Steps
Figure D-18: Ramp Tests – Power and Neutral Current – 8 kW and 6/18 kVAR Steps
Figure D-19: Ramp Tests – Power and Shaft Speed – 12/24 kW and 18 kVAR Power Steps
Figure D-20: Ramp Tests – Power and Turbine Exit Temperature – 12/24 kW and 18 kVAR Power Steps
Figure D-21: Ramp Tests – Power and DC Bus Voltage – 12/24 kW and 18 kVAR Power Steps
Figure D-22: Ramp Tests – Power and Line-Neutral Voltage – 12/24 kW and 18 kVAR Power Steps
Figure D-23: Ramp Tests – Power and Single Phase Power – 12/24 kW and 18 kVAR Power Steps
Figure D-24: Ramp Tests – Power and Neutral Current – 12/24 kW and 18 kVAR Power Steps
Figure D-25: Power, Shaft Speed and Turbine Exit Temperature During MTG Shutdown and Start
Figure D-26: Power, Shaft Speed and DC Bus Voltage During MTG Shutdown and Start