System Control Diagram APPENDIX 3 See Section 2 Clause 2.3.11 CCR- Central and Control Room of Três Lagoas 😑 HMI Server #2 HMI Server #1 Historian Engineering Workstation Color Inkjet LaserJet Hardcopy Ethernet 10BT-Twisted Pair ETHERNET 10 BFL - Dual Optical Fiber Hardwired Signal one for each PLC to Emergency Shutdown Fiber Optic to/from CCR start/stop to each machine (note 1) All screens and monitoring and control signals shall be reproduced in Central Control Room -CCR ETHERNET 10 BFL - Dual Optical Fiber Hardwired Signal one for each Machine Control to Emergency Shutdown the Gas Turbine/Steam Turbine and HRSG's ETHERNET TCP-IP Note 1: One operation (local or remote) shall not jeopardize and cause interference in another 2: Becomes a datalink if intelligent MCC provided TO INCLUDE Balance of Plant Controls Water Treatment Electrical Switchyard Existing 4 Gas Turbines GE PG 6101 FA MCC Gas Fire Note 2 Meter and Gas RTU Signals to CESP Typical for Gas Turbine 1 to 4