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December 3, 2015

The Board of Commissioners of Public Utilities Prince Charles Building 120 Torbay Road, P.O. Box 21040 St. John's, NL A1A 5B2

Attention:

Ms. Cheryl Blundon

Director Corporate Services & Board Secretary

Dear Ms. Blundon:

Re: The Board's Investigation and Hearing into Supply Issues and Power Outages on the Island Interconnection System – Winter Readiness Planning Status Update

Further to the Board's correspondence of October 8, 2015, please find enclosed the original plus 12 copies of Hydro's December 1, 2015 status update to its report filed with the Board on September 30, 2015 regarding 2015-16 Winter Readiness Planning.

Should you have any questions, please contact the undersigned.

Yours truly,

Newfoundland and Labrdoar Hydro

Senior Legal Counsel

GPY/bs

cc: Gerard Hayes – Newfoundland Power

Paul Coxworthy – Stewart McKelvey Stirling Scales

Sheryl Nisenbaum – Praxair Canada Inc.

ecc: Roberta Frampton Benefiel – Grand Riverkeeper Labrador

Thomas Johnson – Consumer Advocate Thomas O' Reilly – Cox & Palmer

Danny Dumaresque

Investigation and Hearing into Supply Issues and Power Outages on the Island Interconnected System

An Update to the Board of Commissioners of Public Utilities Regarding 2015-16 Winter Readiness Planning As Of December 1, 2015

December 3, 2015



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1.0 BACKGROUND AND INTRODUCTION

- 2 This Report is in response to a request by the Board of Commissioners of Public Utilities (the
- 3 Board) in its letter dated October 8, 2015 that Newfoundland and Labrador Hydro (Hydro)
- 4 provide updates to its September 30, 2015 report regarding winter readiness planning for the
- 5 2015-16 winter season. That Report addressed the following items as requested by the Board
- 6 in its letter of September 11, 2015:

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- The status of Annual Work Plan (AWP) items for Hydro's generating plants and
 transmission and terminal stations, including the completion date; outstanding items
 to complete; and any risks to completion or as a result of failure to complete;
 - A description and schedule for all outstanding 2015 capital projects for Hydro's generating plant and transmission and terminal stations, including progress on completion status to date and expected completion date;
- The identification of all equipment and plant testing to be carried out in advance of the
 winter period, including progress on completion status to date;
- The planned generation outage schedule for the period September to December 31,
 2015, including an explanation for any planned outages extending beyond December
 1, 2015;
- 18 5. An update of critical spares assessment and procurement;
- 6. The forecast loads and expected generation capacity and reserves (setting out the basis for calculation) for the upcoming winter, as of December 1, 2015, and including capacity assistance agreements in place or planned; and,
- 7. An identification of any risks that could impact the winter readiness of assets as of December 1, 2015 and associated contingency plans.

- 1 The Board has further requested that the updates to Hydro's September 30, 2015 Report
- 2 include a description and status update on the 2015 maintenance activities related to the new
- 3 Combustion Turbine at Holyrood, as well as the progress of the recently approved engine
- 4 refurbishment project at the Hardwoods gas turbine facility.

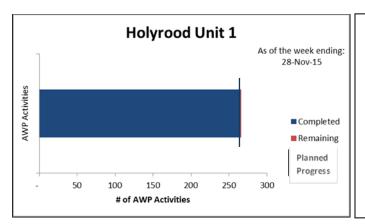
1 2.0 ANNUAL WORK PLAN STATUS

- 2 This Update produces a consolidated summary of actual AWP progress versus plan as of the
- 3 week ending November 28, 2015 for each of the following areas of operations:
- 4 1) Holyrood Thermal Generating Station
- 5 a. Units 1, 2 and 3
- 6 b. Balance of Plant
- 7 2) Gas Turbines
- 8 a. Hardwoods
- 9 b. Stephenville
- 10 3) Hydraulic Generation
- 11 a. Bay D'Espoir
- b. Cat Arm
- 13 c. Hind's Lake
- 14 d. Paradise River
- e. Upper Salmon
- f. Granite Canal
- 17 4) Transmission and Rural Operations
- a. Transmission
- b. Terminal Stations
- 20 A text box to the right of each chart below indicates Hydro's forecasted completion status as
- of December 1, 2015 in relation to the execution of AWPs (Green/On Target, Yellow/ Caution,
- 22 Recovery Required, Red/Target Will Not be Fully Met). Relevant highlights are also provided,
- 23 including the status of AWP activities specifically related to winter readiness activities.

24 2.1 AWP Status: Holyrood Thermal Generating Station

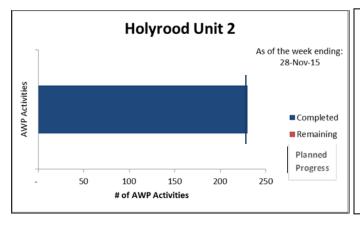
- 25 The status of AWP execution at Holyrood is summarized in the charts below and indicates that
- all planned winter readiness maintenance has been completed at that facility. The one

- 1 remaining activity related to Balance of Plant is not winter readiness related, and will be
- 2 completed by year-end in any event as planned.



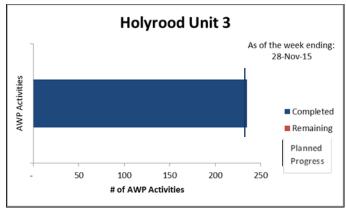
Forecast Completion Status (R/Y/G): Green Comments and Schedule:

- Planned maintenance outage is complete.
- Overall program completion is 100%.



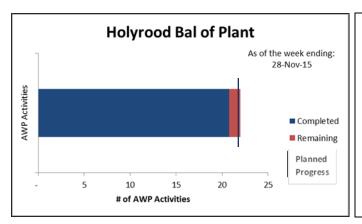
Forecast Completion Status (R/Y/G): Green Comments and Schedule Notables:

- Planned maintenance outage is complete.
- Overall program completion is 100%.



Forecast Completion Status (R/Y/G): Green Comments and Schedule Notables:

- Planned maintenance outage is complete.
- Overall program completion is 100%.

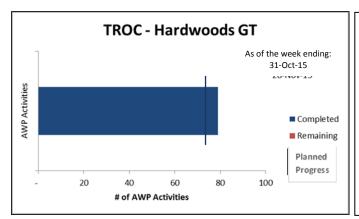


Forecast Completion Status (R/Y/G): Green Comments and Schedule Notables:

- Overall program completion is 95% to date (21/22 items).
- Remaining item is not winter readiness related.

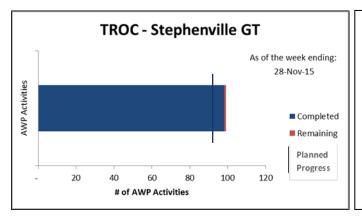
1 2.2 AWP Status: Gas Turbines

- 2 The current status of AWP execution at the Hardwoods and Stephenville gas turbines is
- 3 summarized in the charts below. AWP execution at both facilities is ahead of plan, and all
- 4 planned 2015 winter readiness work has been completed.



Forecast Completion Status: (R/Y/G): Green Comments and Schedule Notables (e.g. ahead, behind, recovery plan):

- YTD progress relative to plan is 107%; 79 activities completed against 74 planned to date.
- Capital work (engine refurbishment) is complete.
- All planned winter readiness activities are now complete.



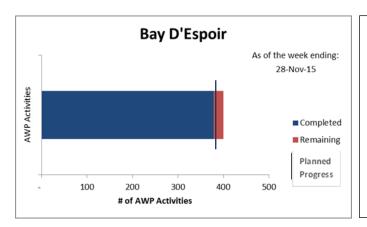
Forecast Completion Status (R/Y/G): Green Comments and Schedule Notables (e.g. ahead, behind, recovery plan):

- YTD progress relative to plan is 105%; 98 activities completed against 93 planned to date.
- Planned capital work is complete.
- All planned winter readiness activities are now complete.

2.3 AWP Status: Hydraulic Units

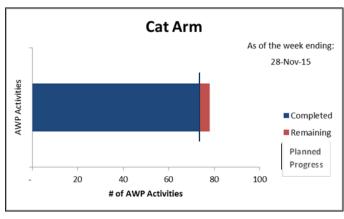
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- 2 The current status of AWP execution at Bay d'Espoir (BDE) and other hydraulic generation
- 3 facilities is summarized in the charts below. As of December 1, all planned winter readiness
- 4 work has been completed in all generating facilities, and the remaining planned AWP work is
- 5 on schedule to be completed by December 31, 2015.



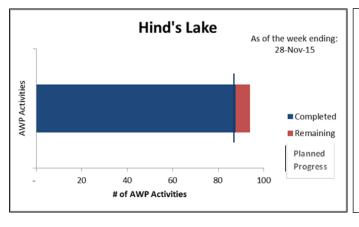
Forecast Completion Status (R/Y/G): Green Comments and Schedule Notables:

- All planned unit outage maintenance has been completed.
- All winter readiness work is 100% complete.
- Overall program completion status, including work in progress, is 97%. Remaining non-winter readiness work is on schedule for completion by December 31.



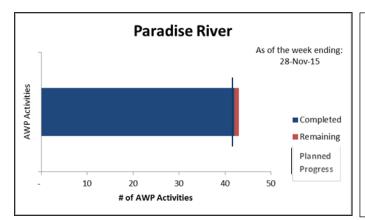
Forecast Completion Status (R/Y/G): Green Comments and Schedule Notables:

- All planned unit outage maintenance has been completed.
- All winter readiness work is 100% complete.
- Overall program completion status, including work in progress, is 96%. Remaining non-winter readiness work is on schedule for completion by December 31.



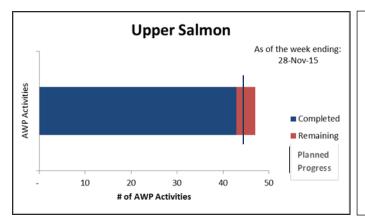
Forecast Completion Status (R/Y/G): Green Comments and Schedule Notables:

- All planned unit outage maintenance has been completed.
- All winter readiness work is 100% complete.
- Overall program completion status, including work in progress, is 95%. Remaining non-winter readiness work is on schedule for completion by December 31.



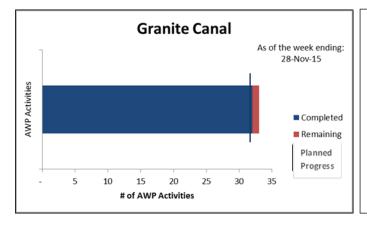
Forecast Completion Status (R/Y/G): Green Comments and Schedule Notables:

- All planned unit outage maintenance has been completed.
- All winter readiness work is 100% complete.
- Overall program completion status, including work in progress, is 98%. Remaining non-winter readiness work is on schedule for completion by December 31.



Forecast Completion Status (R/Y/G): Green Comments and Schedule Notables:

- All planned unit outage maintenance has been completed.
- All winter readiness work is 100% complete.
- Overall program completion status, including work in progress, is 96%. Remaining non-winter readiness work is on schedule for completion by December 31.



Forecast Completion Status (R/Y/G): Green Comments and Schedule Notables:

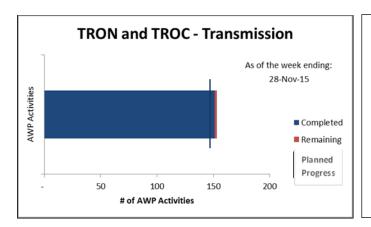
- All planned unit outage maintenance has been completed.
- All winter readiness work is 100% complete.
- Overall program completion status, including work in progress, is 97%. Remaining non-winter readiness work is on schedule for completion by December 31.

2.4 AWP Status: Transmission and Terminal Stations

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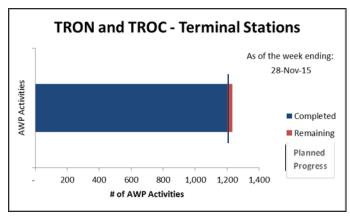
- 2 The current status of AWP execution in Transmission and Rural Operations (TRO) for both
- 3 transmission equipment and terminal station facilities on the IIS is summarized in the charts
- 4 below. As noted in Section 4.3, the final completion of AWP activities specifically related to
- 5 winter readiness has been slightly delayed due to unscheduled break-in work related to WAV
- 6 T5, VBN T1, and HWD T1, but it is expected that all winter readiness work will be completed

- 1 by December 4. All remaining AWP activities are on schedule for completion by December 18
- 2 as planned.



Forecast Completion Status (R/Y/G): Green Comments and Schedule Notables:

- Overall completion status to date relative to plan is 98%; 148 of 151 planned activities are complete.
- Expect that remaining winter readiness work will be completed by December 4, and that all remaining non-winter readiness activities will be completed by December 18 as planned.



Forecast Completion Status (R/Y/G): Green Comments and Schedule Notables:

- Overall completion status to date relative to plan is 98%; 1199 of 1218 planned activities are complete.
- Expect that remaining winter readiness work will be completed by December 4, and that all remaining non-winter readiness activities will be completed by December 18 as planned.

1 3.0 STATUS OF WINTER READINESS CAPITAL PROJECTS

- 2 Appendix A of this Report identifies the 2015 capital projects which include scope related to
- 3 2015-16 winter readiness. Table 3.1 below summarizes the current status of the winter
- 4 readiness components of these projects by asset category.

TABLE 3.1 2015 Projects Related to Winter Readiness							
Asset Category	Total						
Thermal Generation	14	1	15				
Hydraulic Generation	7	0	7				
Gas Turbines	2	0	2				
Transmission	1	0	1				
Terminal Stations	15	2	17				
Distribution	6	0	6				
Various (Critical Spares)	0	1	1				
			49				

- 5 The outstanding project for Thermal Generation is a supplemental project which was
- 6 approved in September, 2015 relating to the replacement of two excitation transformers at
- 7 Holyrood. These transformers have been ordered, delivery is expected in January, 2016, and
- 8 they will be available on site during the winter period in the unlikely event of an in-service
- 9 failure prior to planned replacement. The timing of installation will depend on the availability
- of a Holyrood generating unit outage window. Installation will therefore be planned following
- 11 the winter peak demand period.
- 12 The outstanding projects for Terminal Stations relate to: a) the transfer of a 125 kV
- transformer from Oxen Pond to the Hardwoods terminal station, and b) the repair of the tap
- 14 changer on T5 transformer at the Western Avalon station. Regarding the former,
- 15 commissioning is complete, however on-site oil testing conducted as part of the energization
- procedure initiated on December 2 indicated possible issues with oil quality. Samples have

- 1 been sent to a certified lab for a formal analysis, and the results will determine the extent of
- 2 any delay beyond the planned in-service date of December 5. Details regarding the WAV T5
- 3 tap changer repair are provided in section 3.3 below.
- 4 Details regarding the critical spares which not yet been procured under the last project noted
- 5 in Table 3.1 above are provided in Appendix A.

6 3.1 Engine Refurbishment – Hardwoods Combustion Turbine

- 7 A fire at the Hardwoods gas turbine facility on March 1, 2015 resulted in damage which
- 8 necessitated an overhaul of the End B turbine. This work was initiated immediately upon
- 9 receipt of the Board's approval of this project on October 1, 2015 and is now complete.

10 3.2 Unit Service Transformer for Unit 3 - Holyrood

- 11 The Unit Service Transformer for Unit 3 at Holyrood Thermal Generating Station, critical for
- Holyrood Unit 3 to reliably supply electricity to the Island Interconnected System, was
- 13 exhibiting gassing and required an immediate inspection and potential repair. This project
- 14 commenced using the Allowance for Unforeseen, as per the notification to the Public Utilities
- 15 Board on November 12, 2015 and is now complete.

16 3.3 Transformer T5 Tap Changer – Western Avalon Terminal Station

- 17 The tap changer on Transformer T5 at Western Avalon Terminal Station experienced an
- 18 internal fault on November 8, 2015 and requires replacement. This project commenced using
- 19 the Allowance for Unforeseen, as per the notification to the Public Utilities Board on
- November 16, 2015. The major components have been ordered with expected delivery on
- 21 December 9, 2015. Construction duration is estimated to be 14 days with expected return to
- service on December 23, 2015.

1 4.0 PLANT AND EQUIPMENT TESTING

2 4.1 Thermal Generation

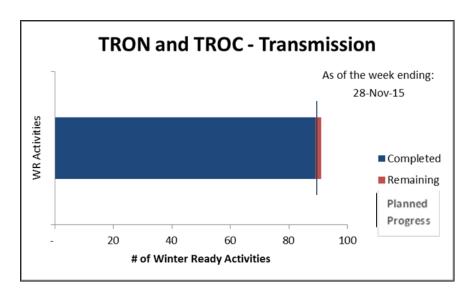
- 3 Winter readiness testing of generating equipment in Thermal generation is focused primarily
- 4 around annual unit maintenance outages. Following annual outages, units are run up,
- 5 synchronized, and all systems are verified before operating status is determined and
- 6 preparedness is confirmed. Unit load tests are performed at this time as well.
- 7 The winter readiness testing protocol includes the testing of appropriate Balance of Plant
- 8 components as well.
- 9 The current status of equipment/plant testing for Thermal Generation is indicated in Appendix
- 10 B of this Report, which confirms that all equipment/plant testing has been completed.

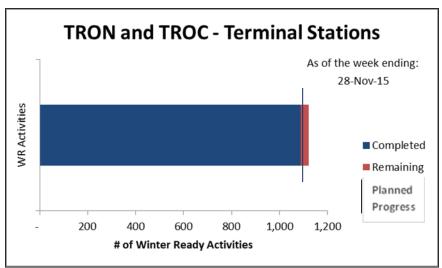
11 4.2 Hydraulic Generation

- 12 Winter readiness testing of generating equipment and balance of plant in Hydraulic
- 13 Generation is completed using the same process as for Thermal Generation as described in
- 14 section 4.1 above.
- 15 The current status of equipment/plant testing for Hydraulic Generation is indicated in
- 16 Appendix C of this Report, which confirms that all equipment/plant testing has been
- 17 completed.

18 4.3 Transmission and Terminal Stations

- 19 AWP charts which include winter readiness activities only are shown below to indicate the
- 20 status of winter readiness equipment testing in Transmission and Terminal Station operations
- 21 as of the week ending November 28, 2015. Unscheduled break-in transformer work at the
- 22 Western Avalon, Vale, and Hardwoods terminal stations has resulted in a slight delay in the
- 23 completion of winter readiness work in these areas. However, it is expected that this work
- will be completed by December 4.





4.4 Gas Turbines

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- 2 All planned winter readiness work at both Hardwoods and Stephenville has been completed
- 3 as of the date of this Update. While black start testing has been completed for the Holyrood
- 4 CT, testing for the Hardwoods and Stephenville CTs has been delayed somewhat by capital
- 5 project completion activities at both sites and ongoing system operations requirements.
- 6 Subject to load and system operations requirements, black start testing at both locations is
- 7 currently scheduled for the week of December 7.

- 1 4.4.1 2015 Maintenance Program New Combustion Turbine at Holyrood
- 2 Hydro has made good year-to-date progress in the execution of its 2015 maintenance
- 3 program for the new Holyrood CT. In addition, under its Technical Service Agreement with
- 4 the CT vendor, ProEnergy maintains a full-time, on-site presence in support of Hydro's
- 5 operation and maintenance of this new asset.
- 6 Of the 87 items in the 2015 maintenance plan for this facility which are related to winter
- 7 readiness, 69 were completed as of November 30. The highest priority remaining items
- 8 involve inspections and some minor maintenance and this will be completed during a short
- 9 duration outage which will be planned for the first available window. An outage for this
- 10 purpose was scheduled for the week of November 30 but was deferred due to the unplanned
- outage of Unit 1 at Holyrood and to support Avalon reserves. To allow time for the
- completion of necessary work on Unit 1, and considering the forecast for storm conditions in
- the latter part of this week, an outage on the Holyrood CT has been deferred to the early part
- of the week of December 7. Subject to load and system operations requirements, it is
- expected that the remaining priority winter readiness work will be completed at that time.
- 16 Hydro does not feel there is any risk to unit availability in the meantime. The Holyrood CT has
- 17 operated reliably throughout the Fall period whenever called upon for Avalon support.

1 5.0 GENERATION OUTAGE SCHEDULE

- 2 Hydro's 2015 Master Generation Outage Schedule for the period September 1 to December
- 3 31, 2015 was presented in its September 30, 2015 Winter Readiness Planning report to the
- 4 Board. For the purposes of this Update Report this Schedule has been updated to reflect only
- 5 the last week of November and the month of December, and it is attached to this Report as
- 6 Appendix D. All planned outages that had yet to be completed as of Hydro's November 18th
- 7 update have now been completed, and Hydro does not currently contemplate any planned
- 8 generation outages beyond December 1, 2015.
- 9 One change in the outage schedule that was not indicated in Hydro's last update is the
- inclusion of information related to a de-rating of the 60 Hz generation at Corner Brook Pulp
- 11 Paper (CBPP). As noted in Appendix D, CBPP 60 Hz generation has been temporarily reduced
- by 11 MW due to problems at the Deer Lake Power generating facility. While this could
- require some amount of replacement supply from Hydro over the first two weeks of
- 14 December to meet CBPP's needs, this is non-firm load and is therefore curtailable in the
- unlikely event this energy is needed on the island system. Hydro's reserve numbers are not
- impacted and have not changed for this reason.

1 6.0 CRITICAL SPARES

- 2 As noted in its previous updates, Hydro's critical spares status leading into the 2015-16 winter
- 3 season will be very strong. Hydro's in-stock status as of December 1, 2015 approximates 96%,
- 4 and it is expected to approach 97% by December 31 as spares with expected delivery dates in
- 5 December are placed into stock.
- 6 Detailed critical spares lists for Thermal Generation; the Hardwoods and Stephenville CTs; and
- 7 Hydraulic Generation as of December 1, 2015 are attached to this Update Report as
- 8 Appendices E, F and G respectively.

1 7.0 FORECASTED LOADS, CAPACITY AND RESERVES

- 2 Table 7.1 below has been updated to reflect Hydro's most recent forecasts for the 2015-16
- 3 winter season. The forecasts indicated in Hydro's September 30, 2015 report, as well as those
- 4 indicated in Hydro's October 30 and November 15, 2015 updates are also included for
- 5 comparison.
- 6 The November 30, 2015 forecast indicates a number of minor changes. The 1 MW increase in
- 7 forecasted peak load is the result of a revision in demand forecast by an industrial customer.
- 8 The 1 MW increase in the capacity at peak reflects the most recent capacity analysis provided
- 9 by Hydro's System Operations department. Hydro's indicated capacity at peak continues to
- 10 assume that the Holyrood black start diesels will be available in their current 10 MW
- configuration as of December 1, 2015. Finally, the 3 MW decrease in capacity assistance
- reflects Vale's ability to provide 10.8 MW of capacity assistance through the 2015-16 winter
- season, rather than the expected 13 MW, as confirmed through standby generation testing,
- 14 completed on November 25, 2015.
- 15 While the modifications noted above have resulted in a small decrease in reserve to 325 MW,
- this remains comfortably above Hydro's reserve commitment of 240 MW.

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¹ Hydro submitted an application titled *Purchase of 12 MW of Diesel Generation* to the Board on November 20, 2015 requesting to purchase six of the eight mobile diesel units currently installed in Holyrood.

	TABLE 7.1 Forecasts of Peak Load, Capacity and Reserves – 2015-16							
		Sept 30 Report		Oct 30/Nov 15 Update		Nov 30 Update		
Α	IIS Peak Load – P50	1,758	MW	1,736	1,736 MW		'MW	
В	IIS Peak Load – P90	1,815	MW	1,793 MW		1,794 MW		
С	Capacity at Peak	2,008	MW	2,008	MW	2,009 MW		
D	Add: Voltage Reduction (+20 MW)	2,028	MW	2,028	2,028 MW		MW	
Е	Add: Capacity Assistance (+91 MW)	2,121	MW	2,121 MW		2,119	² MW	
	Reserves (E-B)	306 MW	16.9%	328 MW	18.3%	325 MW	18.1%	

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 $^{^{\}rm 2}$ Capacity sums to 2119.3, represented as 2119 by rounding.

8.0 RISKS AND RISK MITIGATION

- 2 The winter readiness components of Hydro's 2015 maintenance and capital work plans are
- 3 substantially complete as of December 1, 2015. The following sections briefly summarize the
- 4 current status as well as the activities planned to complete the small residual of outstanding
- 5 work. Where appropriate, Hydro's mitigation of potential risks is also indicated.

6 Generation Availability

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- 7 Planned winter readiness maintenance and plant/equipment testing is 100% complete for all
- 8 hydraulic and thermal generating units, and for the standby generation combustion turbines
- 9 at Hardwoods and Stephenville.
- 10 Good progress has been made with winter readiness maintenance at the new CT in Holyrood,
- and it is expected that a short duration outage during the week of December 7 will enable the
- 12 completion of the remaining winter readiness inspections and minor maintenance, subject to
- 13 load and system operations requirements. In the meantime, this unit has operated reliably
- through the Fall of this year when called upon for Avalon support and Hydro does not
- associate any significant availability risk with this new asset.

16 Transmission and Terminal Stations

- 17 In transmission and terminal station operations winter readiness maintenance and
- 18 plant/equipment testing was 98% complete as of November 28, and all remaining winter
- readiness work is expected to be complete by December 4.

20 <u>Critical Spares</u>

- 21 Hydro's critical spares status is very strong going into the 2015-16 winter season. The
- 22 Company's in-stock status for critical spares as of December 1 was close to 96%, and this is
- 23 expected to be closer to 97% at the end of December as spares with expected delivery dates
- 24 in December are received and placed into inventory. Hydro has assigned low risks to those
- 25 spares which are not in stock as of December 1, 2015 based on equipment inspections which
- have been completed in all cases and which have verified a low risk of component failure
- 27 based on equipment health.

- 1 Generation Reserves
- 2 As noted in Section 7, Hydro expects to maintain a generation reserve of 325 MW above its
- 3 forecasted peak load on the Island Interconnected System during the 2015-16 winter season,
- 4 on a P90 weather forecast basis. This reserve level is comfortably above Hydro's reserve
- 5 commitment of 240 MW, and equates to approximately 18% of forecasted peak load.
- 6 Winter Readiness Capital Work
- 7 In its November 18, 2015 Update Report, Hydro identified three projects within the remaining
- 8 scope of winter readiness maintenance and capital work that it felt were the most vulnerable
- 9 to a change in status leading up to December 1.
- 10 a) End B Turbine, Hardwoods CT
- b) T1 transformer at Hardwoods
- 12 c) Circuit breaker upgrades at Holyrood and Bay d'Espoir
- 13 Both a) and c) above have since been completed and the equipment is in service (see Section
- 14 3.1 and Appendix A respectively).
- 15 The winter readiness capital work which is outstanding as of December 1, 2015 is noted
- 16 below.
- a) T1 Transformer at Hardwoods The procedure for energizing the 125 MVA
- transformer transferred from Oxen Pond was initiated as planned on December 2 with
- 19 on site oil testing. These tests indicated an issue with oil quality and samples have
- 20 been sent to a certified lab for a formal analysis. The results have not yet been
- received, thus the extent of any delay in the planned in-service date of this unit is not
- 22 known at this time. However, if an issue with oil quality is confirmed it is possible that
- a return to service could be delayed by up to two weeks.
- In the meantime, the installed transformer capacity in Hardwoods and Oxen Pond is
- such that peak load can be met with a 150/200/250 MVA power transformer out of
- service (Hardwoods T1 is rated for 75/100/125 MVA). In the unlikely event of an

- extended outage to Hardwoods T1, two spare 40/53.3/66.6 MVA transformers are available onsite.
 - b) T5 transformer at Western Avalon Tap changer repair work is progressing on schedule and it is expected that this unit will be back in service by December 23. As per previous correspondence with the Board, there is no risk of transformer overloading for contingencies involving a loss of a 230 kV transmission line, a generating unit on the Avalon Peninsula, or the loss of a second 230/138 kV power transformer. The risks of unserved energy are small and would only result from the trip of Newfoundland Power's 138kV transmission line 39L during forecasted P50 peak load conditions.

Unit 1 Trip – Holyrood

- An unplanned outage occurred on Holyrood Unit 1 on November 27. The cause of the trip was traced to the Mark V turbine control system. Hydro technical resources with on site technical support from General Electric have executed a structured, seven layer off-line diagnostic and repair process. This identified the initiating event and resulted in the replacement of several hardware cards. The associated control system errors have subsequently cleared and the unit is currently on line at 50MW while on-line monitoring is completed to confirm repair success. The unit is due to be released for full service at midnight on December 3/4 pending successful completion of the monitoring period. Replacement
- Unit 2 is being proactively checked for similar card errors. Hydro will also revisit the life extension strategy for the Mark V control systems in light of this event to confirm it remains appropriate for the remaining life of the units.

cards for the spares used have been expedited and are due on site tomorrow Friday.

Appraiply A
APPENDIX A
Status of 2015 Capital Projects Related to Winter Readiness As of December 1, 2015

		•	Expected In Service Date	Expected In Service Date	Expected In Service Date
Asset Category	Project Title	(for 2015 Winter	(for 2015 Winter	(for 2015 Winter	(for 2015 Winter
Asset category	Troject Huc	Readiness Scope)	Readiness Scope)	Readiness Scope)	Readiness Scope)
		September 30 Update	October 31 Update	November 15 Update	December 1 Update
Distribution	Upgrade Distribution System - Hampden	Complete	Complete	Complete	Complete
Distribution	Upgrade Distribution Systems - Various Sites (2015/2016)	20-Oct-15	15-Nov-15 Note 6	Complete	Complete
Distribution	Upgrade L1 Distribution System - Plum Point	Complete	Complete	Complete	Complete
Distribution	Upgrade Distribution System - Main Brook	14-Oct-15	Complete	Complete	Complete
Distribution	Upgrade Distribution System - Daniels Harbour	26-Nov-15	15-Nov-15	22-Nov-15 Note 16	Complete
Distribution	Relocate Voltage Regulator - Hawkes Bay	Complete	Complete	Complete	Complete
Gas Turbine	Upgrade Gas Turbine Plant Life Extension - Stephenville	16-Oct-15	13-Nov-15 Note 4	Complete	Complete
Gas Turbine	Gas Turbine Engine Refurbishment - Hardwoods		30-Nov-15 Note 7	30-Nov-15 Note 7A	Complete
Hydraulic	Overhaul Turbine/Generator Units - Paradise River	Complete	Complete	Complete	Complete
Hydraulic	Overhaul Turbine/Generator Units - Bay d'Espoir	Complete	Complete	Complete	Complete
Hydraulic	Replace Station Service Breakers - Cat Arm	Complete	Complete	Complete	Complete
Hydraulic	Replace ABB Exciter Unit 2 - Cat Arm	Complete	Complete	Complete	Complete
Hydraulic	Excitation Transformers Replacement - Bay D'Espoir	7-Nov-15 - Note 1	15-Nov-15 - Note 1A	18-Nov-15 Note 1B	Complete
Hydraulic	Replace Generator Bearing Coolers - Bay D'Espoir	24-Oct-15	Complete	Complete	Complete
Hydraulic	Replace 125VDC Battery Bank - Paradise River (Hydraulic)	15-Oct-15	Complete	Complete	Complete
Terminals	Upgrade Power Transformers - Various Sites	8-Nov-15	01-Dec-15 Note 3	Complete	Complete
Terminals	Replace Pumps on Mobile Transformer P235 - Bishop's Falls	Complete	Complete	Complete	Complete
Terminals	230kV Transformer Capacity - Oxen Pond	19-Nov-15	19-Nov-15	29-Nov-15 Note 14	Note 14A
Terminals	Upgrade Circuit Breakers - Various Sites (2014-2015)	13-Nov-15	13-Nov-15	Complete	Complete
Terminals	Replace Disconnect Switches - Various Sites (2014-2015)	Complete	Complete	Complete	Complete
Terminals	Replace Optimho Relays on TL203 - Western Avalon to Sunnyside	Complete	Complete	Complete	Complete
Terminals	Transformer T1 Replacement - Sunnyside	Complete	Complete	Complete	Complete
Terminals	Upgrade Circuit Breakers - Various Sites (2015-2016)	27-Nov-15	15-Nov-15 Note 12	19-Nov-15 Note 12A	Complete
Terminals	Replace Disconnect Switches - Various Sites (2015-2016)	27-Oct-15	Complete	Complete	Complete
Terminals	Replace Instrument Transformers - Various Sites	9-Oct-15	Complete	Complete	Complete
Terminals	Replace Insulators - Various Sites	24-Oct-15	18-Nov-15 Note 8	18-Nov-15	Complete
Terminals	Replace Surge Arrestors - Various Sites	20-Oct-15	13-Nov-15 Note 9	Complete	Complete
Terminals	Upgrade Transformer Differential Protection - Grandy Brook	Complete	Complete	Complete	Complete
Terminals	Upgrade Control Wiring Phase 1 to Terminal Station 1 - Bay d'Espoir	7-Oct-15	Complete	Complete	Complete
Terminals	Replace Valve - Breaker B12L42 - Holyrood	Complete	Complete	Complete	Complete
Terminals	Unit Service Transformer for Unit 3 - Holyrood			24-Nov-15 Note 15	Complete
Terminals	Inspect and Repair Transformer T5 Tap Changer - Western Avalon				22-Dec-15 Note 17
Thermal	Purchase of Critical Spares - Holyrood	Complete	Complete	Complete	Complete
Thermal	Overhaul Extraction Pumps - Unit 3 South - Holyrood	Complete	Complete	Complete	Complete
Thermal	Overhaul Extraction Pumps - Unit 1 North - Holyrood	31-Oct-15	13-Nov-15 Note 10	Complete	Complete
Thermal	Overhaul Turbine Valves Unit 1 - Holyrood	31-Oct-15	Complete	Complete	Complete
Thermal	Overhaul Boiler Feed Pump East Unit 1 - Holyrood	31-Oct-15	Complete	Complete	Complete
Thermal	Replace Economizer Inlet Valves - Holyrood	Complete	Complete	Complete	Complete
Thermal	Install Cold-Reheat Condensate Drains and High Pressure	Complete	Complete	Complete	Complete
Thermal	Replace Unit 1 Air Compressor - Holyrood	Complete	Complete	Complete	Complete
Thermal	Replace DC Distribution Panels and Breakers - Holyrood (2015)	Complete	Complete	Complete	Complete
Thermal	Install Variable Frequency Drives on Forced Draft Fans - Holyrood	5-Oct-15	Complete	Complete	Complete

Asset Category	Project Title	Expected In Service Date (for 2015 Winter Readiness Scope) September 30 Update	Expected In Service Date (for 2015 Winter Readiness Scope) October 31 Update	Expected In Service Date (for 2015 Winter Readiness Scope) November 15 Update	Expected In Service Date (for 2015 Winter Readiness Scope) December 1 Update
Thermal	Upgrade Vibration Monitoring System - Holyrood	Complete	Complete	Complete	Complete
Thermal	Replace DC Distribution Panels and Breakers - Holyrood (2014)	30-Oct-15	Complete	Complete	Complete
Thermal	Upgrade Quarry Brook Dam Equipment - Holyrood	Complete	Complete	Complete	Complete
Thermal	Replace Excitation Transformers - Holyrood	31-Jan-16 - Note 2	31-Jan-16	31-Jan-16 - Note 2A	31-Jan-16
Diesel Generation	Replace Fuel Tanks - St. Anthony		Complete Note 11	Complete	Complete
Transmission	Perform Wood Pole Line Management Program - Various Sites	9-Oct-15	13-Nov-15 Note 5	Complete	Complete
Various	Purchase Critical Spares - Generating Stations	30-Nov-15	Note 13	Note 13 (no change)	Note 13A
Notes 1	The transformers for 5 of the 7 units at Bay d'Espoir are in service. The remaining	a two transformers are on si	to and schodulad to be ins	stalled during planned outs	ngos
1	The transformers for 5 of the 7 units at Bay a Espoir are in service. The remaining	g two transformers are on si	te and scheduled to be ins	stalled during planned outs	ages.
1A	The transformers for 6 of the 7 units at Bay d'Espoir are in service. The remaining outage, as the generating unit is brought on line.	g transformer has been insta	alled and will be commission	oned at the end of the Bay	d'Espoir Unit 4 planned
1B	The commissioning activity has been rescheduled three days later, in accordance	with the updated Master O	utage Schedule.		
2	This is a supplemental project approved in September. The excitation transformed	ers have been ordered and e	expected delivery is Januar	ry 2016.	
2A	This project continues to track with compliance to the original schedule, with exp of 2016.	ected delivery of the transfo	ormers in January 2016 an	d installation during plann	ed outages in Q2 and Q3
3	This project includes condition assessment and refurbishment work for a number anticipated to be winter ready.	of transformers. A portion	of that work has been res	cheduled into November 2	2015. All transformers are
4	During removal of the clutch as part of project scope it was discovered that the bliners be replaced. Fabrication of the new bearing liners led to a 3 week delay in t		•		•
5	The winter readiness scope in this project is substantially complete. The scope inc were rescheduled to coincide with an outage in Springdale to replace a breaker.	cluded the replacement of 5	0 wood poles, of which 47	' are complete. Three pol	e replacements on TL222
6	This project includes distribution upgrades at three locations in 2015. Two are con These issues have been cleared and the new scheduled completion date is Nov 1.		hird location has been dela	ayed due to materials issu	es with new insulators.
7	This is a supplemental project approved in October. The engine is currently at the for service on November 30.		ent is in progress and on s	chedule for return to site,	installation and release
7A	The engine is currently at the test facility. Testing is in progress and the overall progress are considered by the control of	roject is on schedule for retu	urn to site, installation and	d release for service on No	vember 30.
8	This project includes the replacement of 54 insulators in 2015, of which 39 are co	mplete. The remaining 15 ir	nsulators will be installed i	n Holyrood Terminal Statio	on. This work has been
9	rescheduled to November per the revised Master Outage Schedule. This project includes the replacement of 6 surge arrestors in 2015, of which 5 are	complete. The remaining su	urge arrestors will be insta	lled during a Nov 9-13 out	age.
10	Following disassembly and inspection of the pump, unanticipated extensive dama Holyrood's warehouse to the repair facility in Ontario. The discovery of the dama	-			
11	schedule. The pump has been reassembled and is on route to Holyrood. This is a supplemental project under \$50k, approved in October, and now in servi	ce.			
12	This project includes five breaker replacements in 2015, of which four are comple installed in 2015 is Bay d'Espoir B2T4, scheduled during an outage in November.	ete (Hardwoods B1LO1, Bay o	d'Espoir B1T2, Sunnyside E	31LO2, and Sunnyside B1T	1). The final breaker to be
12A	The construction activity for the final breaker is complete. Final acceptance testing	ng and commissioning activi	ty is in progress. The in-se	ervice date has been exten	ded by four days as a

result of an adjustment to the function testing and commissioning plan.

Asset Category	Project Title	Expected In Service Date (for 2015 Winter Readiness Scope) September 30 Update	Expected In Service Date (for 2015 Winter Readiness Scope) October 31 Update	Expected In Service Date (for 2015 Winter Readiness Scope) November 15 Update	Expected In Service Date (for 2015 Winter Readiness Scope) December 1 Update
13	This is a supplemental project approved in late July 2015 for the procurement of spreceived in November and December 2015. Some of the components have longer summarized as follows: (1) A spare steam seal regulator dump control valve cage for Holyrood has been or (2) The high voltage bushings for Holyrood Units 1 and 2 have been received. The risk mitigation, Hydro is investigating the viability of reverse engineering the existin (3) A spare set of generator bearing coolers for Cat Arm has been ordered with expare coolers have been re-gasketed and could be used as an emergency replacem (4) The existing spare turbine bearing for Hinds Lake is being refurbished with experience acceptance criteria for reliable operation. The in-service turbine bearing is we (5) The existing spare turbine bearing for Bay d'Espoir Unit 7 is being refurbished wand meets acceptance criteria for reliable operation. The in-service turbine bearing	lead times, with delivery endered with expected deliving bushings during the nexpected delivery in December, in the unlikely event of ected delivery in December in the unlikely event of ected delivery in December in the unlikely event of ected delivery in December in Expected delivery in Face and the support of the supp	expected in 2016. Details a very in November 2015. Unit 3 have a longer lead to the Unit 3 outage. er 2015. This is replacing a confailure prior to receipt or the 2015. Bearing vibration a	re reported in the critical sime and will not be available an existing, used spare set f the new spare coolers. and temperature data has	ole until late 2016. As a of coolers. The existing been reviewed and
13A	(6) A spare deflector servomotor for Cat Arm has been ordered with expected delicondition. The existing in-service servomotors have been inspected and confirmed period, and seal kits are available for any necessary repairs. (7) Spare combustion chambers for Hardwoods and Stephenville Gas Turbines are (8) Spare high pressure fuel pump assemblies for Hardwoods and Stephenville Gas (9) Spare low pressure fuel pump assemblies for Hardwoods and Stephenville Gas (10) A spare alternator bearing for Hardwoods Gas Turbines has been ordered with (11) A spare alternator bearing for Stephenville Gas Turbines has been ordered with (12) A spare alternator bearing for Happy Valley Gas Turbines has been ordered with Correction: (1) A spare steam seal regulator dump control valve cage for Holyrood	being refurbished with ex Turbines have been order Turbines have been order to expected delivery in Dec th expected delivery in Dec the expected delivery in Dec	kly visual inspections for le pected delivery in Decemb red with expected delivery ed with expected delivery ember 2015. ecember 2015.	akage will continue throug er 2015. in December 2015. in December 2015.	gh the winter operating

- The remaining winter readiness scope for this project is the replacement of transformer T1 at Hardwoods Terminal Station. The construction activity is complete. The commissioning activity has been rescheduled ten days later, in accordance with the updated Master Outage Schedule. This delay is a result of adjustments to the acceptance testing and commissioning plans for Breaker B1L01 and Transmission Line TL201. Those other project work scopes were fully commissioned as of November 12, 2015. The commissioning of transformer T1 is now
 - underway.

 The commissioning activity is complete. Energization of the transformer was initiated on December 2 with on-site oil testing which indicated an issue with oil quality. Samples have been sent to a certified lab for a formal analysis. Results will determine the extent any possible delay beyond the planned in-service date of December 5.
- 15 This is a unforeseen project, as per the notification to PUB on November 12, 2015, for the immediate inspection and potential repair of the unit service transformer for Holyrood Unit 3. The work is approximately one week in duration and will be undertaken during the planned outage for Unit 3 in November 2015.
- 16 The new pole construction is complete and conductors will be cut over during the planned outage in November 2015.

14A

17

This is a unforeseen project, as per the notification to PUB on November 16, 2015, for the immediate inspection and repair of the tranformer T5 tap changer at Western Avalon Terminal Station. The inspection is complete and major components have been ordered with expected delivery on December 9, 2015. Construction duration is estimated to be 14 days with expected return to service on December 23, 2015.

APPENDIX B Status of Winter Readiness Testing of Plant and Equipment Holyrood Thermal Generating Station As of December 1, 2015 Newfoundland and Labrador Hydro – November 15, 2015

Status of Test

	Unit 1	Unit 2	Unit 3	ВоР
Plant:				
Following Annual outages, Unit is run up, Synchronized and all Systems				
verified before Operating Status determined, as per ECC, prior to coming	,			21/2
Winter Operating Season to ensure preparedness. A Unit Load Test is	✓	✓	✓	N/A
performed at this time.				
Black Start Test of the black start systems is performed prior to the Winter	N1 / A	21/2	21/2	
Operating Season.	N/A	N/A	N/A	✓
Perform Megger testing of 600 volt motors prior to the Winter Operating	,	,	,	,
Season.	✓	✓	✓	√
Safety:				
Boiler Service Pressure Test performed as required by Regulator.	√	√	✓	N/A
Safety Valves testing as required.	<u> </u>	<i>√</i>	· ✓	N/A
Boiler Operational Off-Line High / Low Drum Level Trip Tests.	<u> </u>	√ ·	· ✓	N/A
Breaker & Disconnect Operation verified by Ops. Dept. & Whitbourne Crew.				
Steamer & Dissontineer operation retinied by opsit pepti & Williams Grein	✓	✓	✓	N/A
Service Air and Instrument Air Systems:	N1/A	N1/A	N1 / A	√
All Stationary Air Compressors available.	N/A	N/A	N/A	· ·
Air Compressor operational checks performed (e.g. oil levels, cooling water, etc.)	N/A	N/A	N/A	✓
Air Compressor STBY / Sequencing capability.	N/A	N/A	N/A	√
- m compressed on a 17 coquentum graph and may be		,		
Raw and Makeup Water System:				
Quarry Brook Dam Integrity.	N/A	N/A	N/A	✓
Raw Water Sump Water Supply Control Valve operational.	N/A	N/A	N/A	✓
Raw Water Pumps operational.	N/A	N/A	N/A	✓
Adequate supply of Chemicals (1172, 1179, Polymer, etc.).	N/A	N/A	N/A	✓
1172, 1179, Polymer Injection Pumping Sets, Pumps, valves, lines, agitators,	•		,	
111/2, 11/3, I divinci injection i amping sets, i amps, valves, inies, agitators, i				/
etc. operational.	N/A	N/A	N/A	✓
· · · · · · · · · · · · · · · · · · ·			·	
etc. operational.	N/A N/A	N/A N/A	N/A N/A	✓ ✓
etc. operational. Portable Diesel Pump check of Emergency Plant Water Supply from Quarry	N/A	N/A	N/A	√
etc. operational. Portable Diesel Pump check of Emergency Plant Water Supply from Quarry Brook Dam.			·	
etc. operational. Portable Diesel Pump check of Emergency Plant Water Supply from Quarry Brook Dam. Adequate & Readily available supply of Hoses for the Portable Diesel Pump from Quarry Brook Dam to Plant.	N/A	N/A	N/A	√
etc. operational. Portable Diesel Pump check of Emergency Plant Water Supply from Quarry Brook Dam. Adequate & Readily available supply of Hoses for the Portable Diesel Pump from Quarry Brook Dam to Plant. Raw and Makeup Water System & Water Treatment Plant:	N/A N/A	N/A N/A	N/A N/A	✓ ✓
etc. operational. Portable Diesel Pump check of Emergency Plant Water Supply from Quarry Brook Dam. Adequate & Readily available supply of Hoses for the Portable Diesel Pump from Quarry Brook Dam to Plant. Raw and Makeup Water System & Water Treatment Plant: Instrumentation & Controls operational.	N/A N/A	N/A N/A	N/A N/A	√ √ N/A
etc. operational. Portable Diesel Pump check of Emergency Plant Water Supply from Quarry Brook Dam. Adequate & Readily available supply of Hoses for the Portable Diesel Pump from Quarry Brook Dam to Plant. Raw and Makeup Water System & Water Treatment Plant: Instrumentation & Controls operational. Analytical Rack Sample Cooler Filters cleaned/replaced as required.	N/A N/A	N/A N/A	N/A N/A	√ √ N/A N/A
etc. operational. Portable Diesel Pump check of Emergency Plant Water Supply from Quarry Brook Dam. Adequate & Readily available supply of Hoses for the Portable Diesel Pump from Quarry Brook Dam to Plant. Raw and Makeup Water System & Water Treatment Plant: Instrumentation & Controls operational. Analytical Rack Sample Cooler Filters cleaned/replaced as required. Analytical Rack Sample Coolers cooling water in service.	N/A N/A ✓	N/A N/A	N/A N/A	√
etc. operational. Portable Diesel Pump check of Emergency Plant Water Supply from Quarry Brook Dam. Adequate & Readily available supply of Hoses for the Portable Diesel Pump from Quarry Brook Dam to Plant. Raw and Makeup Water System & Water Treatment Plant: Instrumentation & Controls operational. Analytical Rack Sample Cooler Filters cleaned/replaced as required.	N/A N/A	N/A N/A	N/A N/A	√ √ N/A N/A
etc. operational. Portable Diesel Pump check of Emergency Plant Water Supply from Quarry Brook Dam. Adequate & Readily available supply of Hoses for the Portable Diesel Pump from Quarry Brook Dam to Plant. Raw and Makeup Water System & Water Treatment Plant: Instrumentation & Controls operational. Analytical Rack Sample Cooler Filters cleaned/replaced as required. Analytical Rack Sample Coolers cooling water in service.	N/A N/A ✓	N/A N/A	N/A N/A	√
etc. operational. Portable Diesel Pump check of Emergency Plant Water Supply from Quarry Brook Dam. Adequate & Readily available supply of Hoses for the Portable Diesel Pump from Quarry Brook Dam to Plant. Raw and Makeup Water System & Water Treatment Plant: Instrumentation & Controls operational. Analytical Rack Sample Cooler Filters cleaned/replaced as required. Analytical Rack Sample Coolers cooling water in service. Two (2) Sample cooling water pumps availability.	N/A N/A ✓	N/A N/A	N/A N/A	√
etc. operational. Portable Diesel Pump check of Emergency Plant Water Supply from Quarry Brook Dam. Adequate & Readily available supply of Hoses for the Portable Diesel Pump from Quarry Brook Dam to Plant. Raw and Makeup Water System & Water Treatment Plant: Instrumentation & Controls operational. Analytical Rack Sample Cooler Filters cleaned/replaced as required. Analytical Rack Sample Coolers cooling water in service. Two (2) Sample cooling water pumps availability. Clarifier:	N/A N/A ✓ ✓ ✓ ✓	N/A N/A	N/A N/A V V V	N/A N/A N/A N/A

	Status of Test			
	Unit 1	Unit 2	Unit 3	ВоР
Sand Filters:				
Sand Filters (#s 1, 2 & 3) Resin integrity.	N/A	N/A	N/A	✓
Sand Filters (#s 1, 2 & 3) Valve Operation (Normal & Backwashing, etc.).	N/A	N/A	N/A	✓
Two (2) Clearwell Pumps available.	N/A	N/A	N/A	✓
Demineralization System:				
Cation & Anion Trains (A, B & C) Resin integrity.	N/A	N/A	N/A	✓
Adequate supply of Chemicals (Caustic Soda, Sulphuric Acid, 1172, 1179, Polymer, etc.).	N/A	N/A	N/A	✓
Sulphuric Acid & Caustic Soda Transfer Pumps, valves, lines, etc.	N/A	N/A	N/A	√
Sulphuric Acid & Caustic Soda Regeneration Sets, Pumps, valves, lines, etc.	N/A	N/A	N/A	✓
Reserve Feedwater System, 'RFW':				
RFW Transfer Pump Oil Normal Operating Level.	✓	✓	✓	N/A
RFW Transfer Pumps operational.	✓	✓	✓	N/A
Circulating Water 'CW' and Screen Wash System:				
Vacuum Seal Pits operational.	✓	✓	✓	N/A
All CW Travelling Screens Operational.	<i>'</i>	<i>,</i> ✓	·	N/A
CW Pump Motorized discharge valves 'Manual' & 'Auto', 'Cracked' Position	1	<u> </u>	,	IN/ A
operation verified.	✓	✓	✓	N/A
CW Pump Motors Oil Normal Operating Level,	√	√	√	N/A
CW Pumps operational.	√	√	√	N/A
CW Pump Discharge Vacuum Breakers operational.	√	√	✓	N/A
CW Travelling Screens Wash Pumps operational.	√	√	✓	N/A
Condenser Flushed.	✓	✓	✓	N/A
Condenser Backwashed.	✓	✓	✓	N/A
General Service 'GS' Coolers Backwashed, cleaned, etc.	✓	✓	✓	N/A
Turbine / Generator 'TG' Coolers Backwashed, cleaned, etc.	✓	✓	✓	N/A
Vacuum Pump Coolers Backwashed, cleaned, etc.	✓	✓	✓	N/A
, ,	<u> </u>		l.	•
Boiler:	1			
Pre-Outage Valve Survey conducted of Boiler Drains.	✓	✓	✓	N/A
Service pressure test on boiler for tube leaks.	✓	✓	✓	N/A
Condenser Air Extraction System:				
Vacuum Pumps available & tested for STBY 'Auto-Start'.	✓	✓	✓	N/A
Vacuum Pump Seal Water Tank water level controller operational.	✓	✓	✓	N/A
Vacuum Pump Seal Water Pump operational.	✓	✓	✓	N/A
Condenser Vacuum Breakers operational.	✓	✓	✓	N/A

Status of Te	est		
Unit 1	Unit 2	Unit 3	ВоР

High Pressure 'HP' Feedwater System:

Boiler Feed Pumps:

✓	✓	✓	N/A
<u> </u>	<u> </u>		N/A
•	•	•	IN/A
✓	✓	✓	N/A
✓	✓	✓	N/A
✓	✓	✓	N/A
✓	✓	✓	N/A
./	./	./	N/A
•	•	•	IN/A
✓	✓	✓	N/A
./	./	NI /A	N/A
•	•	IN/A	IN/A
./	./	NI/A	N/A
•	•	IN/A	IN/A
NI/A	NI/A	./	NI/A
N/A	N/A	v	N/A
N/A	N/A	✓	N/A
✓	✓	✓	N/A
✓	✓	✓	N/A
✓	✓	✓	N/A
✓	✓	✓	N/A
./	./	./	NI/A
	,		N/A
	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	 ✓ N/A N/A N/A ✓ ✓

Miscellaneous:

Economizer 'Manual' Operated Valve operational.	✓	✓	✓	N/A
Economizer Motorized Recirculation Valve operational (Unit 3).	N/A	N/A	✓	N/A
Boiler Drum Level Instrumentation operational.	✓	✓	✓	N/A
HP Heater Bled Steam Check Valves operational.	✓	✓	✓	N/A
Start-up Desuperheater Steam & Water valving operation / position verified (Unit 3).	N/A	N/A	✓	N/A
Main Steam & Reheat Steam Desuperheater Spray Water Isolators & Control Valves operational.	✓	✓	✓	N/A
Auxiliary Steam Desuperheater Spray Water Control Valve operational (Unit 3).	N/A	N/A	✓	N/A

Low Pressure 'LP' Feedwater System:

Condenser:

Condenser Hotwell Make-Up / Surplus Control Valves operation verified.	✓	✓	✓	N/A
Condenser Hotwell Make-Up Motorized Isolating Valve operation verified (Unit 3).	N/A	N/A	✓	N/A
Condenser Dye test for leaks, as required.	✓	✓	✓	N/A

	Status of Test			
	Unit 1	Unit 2	Unit 3	ВоР
Ammonia & Cortrol System:	<u> </u>			
Adequate Supply in place.	✓	✓	✓	N/A
Pumps operational.	✓	✓	✓	N/A
Control Instrumentation operational.	✓	✓	✓	N/A
Condensate Extraction Pumps:				
Condensate Extraction Pumps available.	✓	✓	✓	N/A
Condensate Extraction Pump Motors Bearing Oil Normal Operating Level.	✓	✓	✓	N/A
Condensate Extraction Pump Motor Cooling Water available (Unit 3).	N/A	N/A	✓	N/A
Condensate Polishers:				
Resin integrity verified.	✓	✓	✓	N/A
Two (2) Polishers Rinsed and available.	✓	✓	✓	N/A
Valve Operation (Normal & Regenerating, etc.).	✓	✓	✓	N/A
Regeneration System Skids available (valving, pumps, blowers, tanks. Etc.).	✓	✓	✓	N/A
Condensate Polisher Bypass Control Valve operational.	✓	✓	✓	N/A
Low Load Recirculation Control Valve operation. Deaerator:	√	√	✓	N/A
Deaerator Normal Operating Level	✓	✓	✓	N/A
Deaerator Normal Operating Level		√	✓	NI/A
	✓			N/A
Deaerator Steam Coil operational.	✓ ✓	· ✓	✓	
			✓ ✓	N/A N/A N/A
Deaerator Steam Coil operational. Deaerator Pegging Steam operational.	√	✓	· ·	N/A
Deaerator Steam Coil operational. Deaerator Pegging Steam operational. Deaerator Low Level Trip Test	√	✓	· ·	N/A
Deaerator Steam Coil operational. Deaerator Pegging Steam operational. Deaerator Low Level Trip Test Miscellaneous:	√ ✓	✓ ✓	√	N/A N/A
Deaerator Steam Coil operational. Deaerator Pegging Steam operational. Deaerator Low Level Trip Test Miscellaneous: Condenser Flash Tank Control Valve operation / position.	✓ ✓	✓ ✓	✓ ✓	N/A N/A
Deaerator Steam Coil operational. Deaerator Pegging Steam operational. Deaerator Low Level Trip Test Miscellaneous: Condenser Flash Tank Control Valve operation / position. Turbine Low Pressure Exhaust Hood Spray Motorized Valve operation.	√ √ √	✓ ✓ ✓	√ √ √	N/A N/A N/A N/A
Deaerator Steam Coil operational. Deaerator Pegging Steam operational. Deaerator Low Level Trip Test Miscellaneous: Condenser Flash Tank Control Valve operation / position. Turbine Low Pressure Exhaust Hood Spray Motorized Valve operation. Start-up Desuperheater Steam & Water valving operational (Units 1 & 2). LP Heater Bled Steam Check Valves operational.	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ N/A	N/A N/A N/A N/A N/A
Deaerator Steam Coil operational. Deaerator Pegging Steam operational. Deaerator Low Level Trip Test Miscellaneous: Condenser Flash Tank Control Valve operation / position. Turbine Low Pressure Exhaust Hood Spray Motorized Valve operation. Start-up Desuperheater Steam & Water valving operational (Units 1 & 2). LP Heater Bled Steam Check Valves operational. Bled Steam and Heater Drains System:	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓ N/A ✓	N/A N/A N/A N/A N/A
Deaerator Steam Coil operational. Deaerator Pegging Steam operational. Deaerator Low Level Trip Test Miscellaneous: Condenser Flash Tank Control Valve operation / position. Turbine Low Pressure Exhaust Hood Spray Motorized Valve operation. Start-up Desuperheater Steam & Water valving operational (Units 1 & 2). LP Heater Bled Steam Check Valves operational. Bled Steam and Heater Drains System: LP and HP Instrumentation and Control operational.	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ N/A	N/A N/A N/A N/A N/A N/A
Deaerator Steam Coil operational. Deaerator Pegging Steam operational. Deaerator Low Level Trip Test Miscellaneous: Condenser Flash Tank Control Valve operation / position. Turbine Low Pressure Exhaust Hood Spray Motorized Valve operation. Start-up Desuperheater Steam & Water valving operational (Units 1 & 2). LP Heater Bled Steam Check Valves operational. Bled Steam and Heater Drains System:	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	√	N/A N/A N/A N/A N/A

	Status of Test			
	Unit 1	Unit 2	Unit 3	ВоР
Air and Flue Gas System:				
Instrumentation and Control operational.	✓	✓	✓	N/A
Forced Draft 'FD' Fans and Air Dampers:				
Two (2) FD Fans available.	✓	✓	✓	N/A
Bearing Oil Normal Operating Level.	✓	✓	✓	N/A
Cooling Water on to Fans.	✓	✓	✓	N/A
Stroke Variable Inlet Vanes, 'VIVs'.	✓	✓	✓	N/A
Stroke Discharge Dampers.	✓	✓	✓	N/A
FD Fan Motor Variable Speed Drives operational.	✓	✓	✓	N/A
All Burner Auxiliary Air Dampers/Positioners operation (Units 1 & 2).	✓	✓	N/A	N/A
All Elevation Air Flow Dampers/ Positioners operation (Unit 3).	N/A	N/A	✓	N/A
Rotary Air Heaters:			 	
Rotary Air Heaters operational.	✓	✓	✓	N/A
Rotary Air Heaters Bearing Oil (Top & Bottom) Normal Operating Level.	✓	✓	✓	N/A
Rotary Air Heaters Bearing Cooling Water On.	✓	✓	✓	N/A
Rotary Air Heaters Electric Motor Drives operational.	✓	✓	✓	N/A
Rotary Air Heaters Air Supply to Air Heater Air Motor Drives Open.	✓	✓	✓	N/A
Rotary Air Heaters Start-up of Air Motor Drive upon loss of AC Power Supply	√	✓	√	NI /A
to the normal operating Electric Drive Motor.	•	V	v	N/A
Rotary Air Heaters Steam Supply Control Valves operational. (*Note: Two	√	√	√	N1 / A
Steam Supplies on (Units 1 & 2)).	v	V	•	N/A
Rotary Air Heaters Sootblowers operational.	✓	✓	✓	N/A
Boiler Sootblowing System:				
Sootblower Control Panel operational.	✓	✓	✓	N/A
Sootblowers Steam Supply Control Valve operational.	✓	✓	✓	N/A
Sootblowers Overhauled during Annual Outage Verify operation (e.g.				
Rotation, Travel Advancing/Retracting from Furnace, leaks, etc.) first time	✓	✓	✓	N/A
Unit is placed on Line.				
Light Fuel Oil System:				
Hydro Pad operational.	✓	✓	✓	N/A
Light Oil Pumps available.	✓	✓	✓	N/A
Pumps, Valves (including Control & Trip), lines, strainers, pressure (locally &	√	✓	✓	NI / A
UCB).	•	,	•	N/A
Check Light Oil Supply & Return Lines to / from Plant respectively.	✓	✓	✓	N/A
Suction Strainers cleaned with covers secured.	✓	✓	✓	N/A
Ignitors cleaned, securely in place with associated lines securely fastened.	✓	✓	✓	N/A
Ignitors all checked for operation during Unit Start-up (e.g. Ignitor Control	✓	√	√	N/A
		• •		N1 / /\

Status of Te	est			
Unit 1	Unit 2	Unit 3	BoP	

Fuel Oil Delivery S	vstem. Auxiliar	v Steam & Fuel (Oil Pining System:
I UCI OII DCIIVCI V 3	Vaccini, Auxiliai	V Steam & Laci	OIL I IDIIIS JYJICIII.

Adequate Heavy Oil Storage.	N/A	N/A	N/A	✓
Heavy Oil Piping from Dock to Tankfarm, Tankfarm to Plant Day Tank and	NI/A	NI/A	NI/A	√
Day Tank to Heavy Oil Sets.	N/A	N/A	N/A	•
Adequate Light Oil Storage.	N/A	N/A	N/A	✓
Light Oil Piping from Road Tanker Transfer Pump to Tanks and from Tanks to	N/A	N/A	N/A	√
Light Oil Sets in Plant.	IN/ A	IN/A	IV/A	•
All Storage Tanks Suction Heaters available when required.	N/A	N/A	N/A	✓
All Storage Tanks Flatform Heaters available when required.	N/A	N/A	N/A	✓
Auxiliary Steam for Suction Heaters available.	N/A	N/A	N/A	✓
Auxiliary Steam for Flatform Heaters available.	N/A	N/A	N/A	✓
Auxiliary Steam for Heat Tracing available.	N/A	N/A	N/A	✓
Electrical Heat Tracing for Fuel Oil Lines available.	N/A	N/A	N/A	✓
Day Tank Supply Line Trip Valve Tested.	N/A	N/A	N/A	✓
Day Tank available to receive oil.	N/A	N/A	N/A	✓
Day Tank steam coil available.	N/A	N/A	N/A	✓

Fuel (Heavy) Oil System:

(
Fuel Oil Heating Sets:	✓	✓	✓	N/A
Fuel Oil Heaters available.	✓	✓	✓	N/A
Fuel Oil Heaters cleaned and inspected.	✓	✓	✓	N/A
Steam Supply to Heavy Oil Set Heaters available as required.	✓	✓	✓	N/A
Fuel Oil Heaters Temperature Steam Control Valve operational.	✓	✓	✓	N/A
Suction Strainers cleaned (including standby & extras) with covers secured.	✓	✓	✓	N/A
Fuel Oil Accumulator operational.	✓	✓	✓	N/A
Fuel Oil Pumps available.	✓	✓	✓	N/A
Pumps 'Auto-Start' check Off-Line.	✓	✓	✓	N/A
Header Pressure Control Valve operational.	✓	✓	✓	N/A
Fuel Oil Meter operational.	✓	✓	✓	N/A

Fuel Oil Supply Control, Trip, Long & Short Recirculation Valves:

Fuel Oil Supply Control Valve operational.	✓	✓	✓	N/A
Fuel Oil Trip Valve operational.	✓	✓	✓	N/A
Fuel Oil Long Recirculation Valve operational (Units 1 & 2).	✓	✓	N/A	N/A
Fuel Oil Short Recirculation Valve operational (Units 1 & 2).	✓	✓	N/A	N/A
Elevation Fuel Oil Trip Valves operational (Unit 3).	N/A	N/A	✓	N/A
Elevation Fuel Oil Minimum Supply Control Valves operational (Unit 3).	N/A	N/A	✓	N/A
Elevation Fuel Oil Supply Control Valves operational (Unit 3).	N/A	N/A	✓	N/A
Main Fuel Oil Recirculation Valve operational (Unit 3).	N/A	N/A	✓	N/A
Elevation Recirculation Valves operational (Unit 3).	N/A	N/A	✓	N/A

	Status of Test			
	Unit 1	Unit 2	Unit 3	ВоР
Burners:	•	I	<u> </u>	
All Burners cleaned, securely in place with associated lines securely		,	,	
fastened.	✓	✓	✓	N/A
All Burners checked for operation during Unit Start-up (e.g. Advancing /	√	√	,	21/2
Retracting, Valve Operation, Lighting, etc.).		Y	✓	N/A
All Burner Tilts checked for operation (Units 1 & 2).	✓	✓	N/A	N/A
General Service 'GS' System:				
GS Heat Exchangers Backwashed, cleaned, etc.	N/A	N/A	✓	N/A
Stage I GS Plate Cooler Strainers cleaned.	✓	✓	N/A	N/A
Stage I GS 'Auto-Clean' Strainer operational.	✓	✓	N/A	N/A
Stage I GS Duplex Strainers cleaned.	✓	✓	N/A	N/A
GS Pump Suction Strainers cleaned.	✓	✓	✓	N/A
GS Pump Oil Normal Operating Level.	✓	✓	✓	N/A
GS Pumps available & tested for STBY 'Auto-Start'.	✓	✓	✓	N/A
Turbine / Generator 'TG' Auxiliary Cooling System:				
TG Head Tank Normal Operating Level.	✓	✓	✓	N/A
Turbine Lube Oil Coolers operational.	✓	✓	✓	N/A
TG Heat Exchangers Backwashed, cleaned, etc.	✓	✓	✓	N/A
TG Pump Oil Normal Operating Level.	✓	✓	✓	N/A
TG Pumps available & tested for STBY 'Auto-Start'.	✓	✓	✓	N/A
Turbine Generator 'TG' System:				
Hydraulic System Units 1& 2:				
Hydraulic System Accumulators operational.	→	✓	N/A	N/A
Hydraulic System Storage Tank Normal Operating Level and checked for			14/75	IV/A
moisture content.	✓	✓	N/A	N/A
Hydraulic System Storage Tank air purging of moisture in place.	→	√	N/A	N/A
Hydraulic Set Primary, Secondary Filter indications ok.	√	√	N/A	N/A
Two (2) Hydraulic Fluid Pumps availability.	√	√	N/A	N/A
Hydraulic Pump Auto Start Testing.	√	√	N/A	N/A
Two (2) Hydraulic Fluid Pump Coolers availability.	√	√	N/A	N/A
Two (2) Thy and a trained a trained and tr		<u> </u>	1 11/11	,,,
Valves:	✓	./	N/A	N1 / A
Turbine Main Stop Valve Testing (Units 1 & 2).		√ N/A	N/A	N/A
Turbine Two (2) Main Stop Valves Testing (Unit 3).	N/A	N/A	V	N/A
Turbine 'Left-Hand' & 'Right Hand' Reheat Stop & Intercept Control Valve Testing verified.	✓	✓	✓	N/A
Turbine Six (6) Main Control Valve operation (Units 1 & 2).	✓	√	N/A	N/A
, , , , , , , , , , , , , , , , , , , ,	N/A		IN/A ✓	N/A N/A
Turbine Four (4) Main Control Valve operation (Unit 3).	IN/A ✓	N/A ✓	√	
Turbine Blowdown Valve operation.	v		v	N/A

Status of Test

N/A

N/A

N/A

v N/A √ √ √ √ √ √ √ √ √	Vnit 2 V N/A V	Unit 3	N/A N/A
N/A ✓	N/A ✓	✓	
N/A ✓	N/A ✓	✓	
✓ ✓	✓	· ·	VI \V
√ ·	•	./	IN/A
	./	•	N/A
✓	v	✓	N/A
	✓	N/A	N/A
✓	✓	N/A	N/A
✓	✓	N/A	N/A
✓	✓	N/A	N/A
✓	✓	N/A	N/A
N/A	N/A	✓	N/A
N/A		✓	N/A
N/A	N/A	✓	N/A
N/A	N/A	✓	N/A
v/A		✓	N/A
N/A		✓	N/A
N/A	N/A	✓	N/A
N/A	N/A	✓	N/A
✓	✓	✓	N/A
✓	✓	✓	N/A
✓	✓	✓	N/A
		<u>'</u>	
✓	✓	✓	N/A
✓	✓	✓	N/A
L.			<u> </u>
N/Δ I	Ν/Δ	N/A	
			<u> </u>
	√	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ N/A ✓ ✓ N/A ✓ ✓ N/A ✓ ✓ N/A N/A N/A ✓ N/A N/A N/A

CO2 Adequate Bulk Packs on hand.

	Status of Te	est		-
	Unit 1	Unit 2	Unit 3	ВоР
Generator:				
Generator Exciter Operation checked Off & On Line.	✓	✓	✓	N/A
Seal Oil System tested with 'Air' on Generator in preparation for Leak	,	,	,	•
Testing.	✓	✓	√	N/A
Seal Oil Regulator operational.	√	✓	✓	N/A
AC Seal Oil pumps available & tested for STBY 'Auto-Start' (Units 1 & 2).	√	✓	N/A	N/A
AC Seal Oil Pump available (Unit 3).	N/A	N/A	√ ·	N/A
DC Seal Oil Pump available & tested for STBY 'Auto-Start'.	<i>'</i>	<i>'</i>	✓	N/A
Seal Oil Vacuum Pumps available.	✓	✓	✓	N/A
Vacuum Tank Level Control operational.	✓	✓	✓	N/A
Leak Testing Performed prior to 'Gassing Up' Generator.	✓	✓	✓	N/A
Purity, Dew Point, etc. Instrumentation operation verified.	✓	✓	✓	N/A
Plant 129V System: 129 V Battery Banks checked Stage I & II.	√	√	√	N/A
129V Battery Chargers checked Stage I & II.	✓	✓	✓	N/A
Plant 258V System: 258V Battery Banks checked Stage I & II.	√	✓	✓	N/A
258V Battery Chargers checked Stage I & II.	✓	✓	✓	N/A
Plant Uninterrupted Power Supplies 'UPS': Number's 1, 2, 3 & 4 'UPS' Power Supplies including Batteries, Cooling Fans, etc., checked.	√	√	✓ .	N/A
Emergency Diesel Generators:		,		
Stage I & II Emergency Diesel Generators Tested for Emergency Stop.	✓	✓	✓	N/A
Stage I & II Emergency Diesel Generators Tested for Manual & Auto-Start Operation along with Auto Breaker Closure as well as Emergency Manual Closing of Breakers.	✓	✓	✓	N/A
Diesel Bus Tie Breaker, 'DBT' operation verified.	✓	✓	✓	N/A
Holyrood Main Powerhouse:				
Back-Up ECC and Guardhouse Propane Generator.	N/A	N/A	N/A	✓
Plant Air Conditioning System:	T .			
Control & Relay Rooms.	N/A	N/A	N/A	<u>√</u>
Uninterrupted Power Supply 'UPS' #1 Room.	N/A	N/A	N/A	<u>√</u>
Generator Excitation and 'UPS' #s 2, 3 & 4 Room (Unit 3).	N/A	N/A	N/A	✓
Plant Heating Steam:				
All Systems operational for when required.	N/A	N/A	N/A	✓

APPENDIX C Status of Winter Readiness Testing of Plant and Equipment Hydraulic Generation As of December 1, 2015 Newfoundland and Labrador Hydro – November 15, 2015



Status of Test											
	Cat Arm		H	HLK			G	CL	PRV		
Unit 1	Unit 2	Bop PH	Unit 1	Вор	Unit 1 Bop		Unit 1	Вор	Unit 1	Вор	

Ī											
Following Annual outages, Unit is run up, Synchronized and all Systems verified before Operating Status determined, as per ECC, prior to coming Winter Operating Season to ensure preparedness. A Unit Load Test is performed at this time.	√	√	N/A	√	√	√	N/A	√	N/A	√	N/A
Black Start Test of the black start systems is performed prior to the Winter Operating Season. Station service transfers alternate sources	✓	√	✓	√							
Spherical Valves:											
Turbine Main Stop Valve Testing	✓	✓	✓	✓	N/A						
Turbine Main Stop Valve Operational	✓	✓	✓	✓	N/A						
Service Air , Instrument Air Systems											
Compressors:											
All Stationary Air Compressors available.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Air Compressor operational checks performed (e.g. oil levels, cooling water, etc.)	√	√	✓	√							
Air Compressor STBY / Sequencing capability./Lead Lag/Standby	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HP compressors available	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A
LP compressor available	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Instrumentation Control and Alarms operational.	✓	✓	✓	✓	✓	✓	√	✓	✓	✓	✓



Status of Test											
	Cat Arm		H	HLK			G	CL	PRV		
Unit 1	Unit 2	Bop PH	Unit 1	Вор	Unit 1 Bop		Unit 1	Вор	Unit 1	Вор	

a nalcor energy company											
TG Cooling Water Systems:											
Cooling water pumps available	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	N/A	N/A
Emergency Cooling water available Penstock Supply	✓	✓	✓	√	✓	N/A	N/A	√	√	√	√
Cooling water system available	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TG Pumps available & tested for Auto/manual Start.	✓	√	√	√	√	N/A	N/A	N/A	N/A	N/A	N/A
Shaft seal sytem available	N/A	N/A	N/A	✓	✓	✓	N/A	✓	✓	✓	✓
CW Pump Motorized discharge valves											
'Manual' & 'Auto', 'Cracked' Position	\checkmark	✓	✓	✓	✓	✓	✓	\checkmark	✓	✓	✓
operation verified.											
Rotary (Water)Strainer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Turbine Generator Governor System:											
Hydraulic System Accumulators	✓	✓	N/A	✓	N/A	✓	N/A		N/A	✓	N/A
operational.							·		·		,
Governor System Testing	✓	✓	N/A	✓	N/A	✓	N/A	✓	N/A	✓	N/A
Governor System Available	✓	✓	N/A	✓	N/A	✓	N/A		N/A	✓	N/A
Hydraulic pump(s) availble	✓	✓	N/A	✓	N/A	✓	N/A	√	N/A	✓	N/A
Hydraulic Pump Gov Auto Start Testing.	✓	✓	N/A	✓	N/A	✓	N/A	✓	N/A	✓	N/A
Generator:											
Generator Exciter Operation checked Off &	√	√	N1 / A	√	N1 / A	√	N1 / A	√	N1/A	√	N1 / A
On Line.	•	•	N/A	•	N/A	•	N/A	V	N/A	•	N/A
Lubricating System:											
Portable Centrifuge operational.	✓	✓	N/A	✓	N/A	✓	N/A	✓	N/A	✓	N/A
Portable oil Pump (Jacking)	✓	✓	N/A	✓	N/A	✓	N/A	√	N/A	✓	N/A
Oil level system generator metering	✓	✓	N/A	✓	N/A	✓	N/A	✓	N/A	✓	N/A
Oil level system turbine metering	✓	✓	N/A	✓	N/A	✓	N/A	✓	N/A	N/A	N/A

	Status of Test										
newfoundland labrador		Cat Arm	1	HI	LK	U:	SL	G	CL	PF	RV
rigulo	Unit 1	Unit 2	Bop PH	Unit 1	Вор	Unit 1	Вор	Unit 1	Вор	Unit 1	Вор
a nalcor energy company											
AC High pressure Jacking Oil Pump	√	✓	N/A	✓	N/A	✓	N/A	✓	N/A	N/A	N/A
available automatic	,	,	IN/ A	,	IN/ A	Ý	14/ 🖯	•	IN/ A	IV/ A	IN/A
Miscellaneous:											
Breaker & Disconnect Operation verified	✓	✓	✓	√	√	√	✓	√	√	 	✓
by Ops. Dept. & TROCrew.	,	,	·	,	·	,	•	,	·	·	·
Control structure											
Water elevation	N/A	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A
Gate Operation	N/A	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A
Intake											
Water elevation	✓	✓	N/A	✓	N/A	✓	N/A	✓	N/A	✓	N/A
Trashrack system	✓	✓	N/A	✓	N/A	✓	N/A	✓	N/A	✓	N/A
Gate operation	✓	✓	N/A	✓	N/A	✓	N/A	✓	N/A	✓	N/A
Spillway/By-Pass											
Water elevation	N/A	N/A	N/A	N/A	✓	N/A	✓	N/A	✓	✓	N/A
Gate Heating /Ice Away unit	N/A	N/A	N/A	N/A	√	N/A	✓	N/A	✓	N/A	N/A
Gate operation	N/A	N/A	N/A	N/A	√	N/A	✓	N/A	✓	N/A	N/A
Emergencey(back-up) Desiel Generator	N/A	N/A	N/A	N/A	✓	N/A	✓	N/A	N/A	N/A	N/A
Emergencey lift operation and tested	N/A	N/A	N/A	N/A	✓	N/A	✓	N/A	N/A	N/A	N/A
Battery Banks And Battery Chargers											
Plant 129V System:											
129 V Battery Banks checked	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
129 V Battery Chargers	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
129 V battery Banks Available	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Plant 48V System:											
48V Battery Banks checked	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Emergency Diesel Generators:							_				
Emergency Diesel Generators Tested for	✓	√	√	√	✓	√	√	✓	√	√	✓
Emergency Stop.					•				•		•



Status of Test					
Cat Arm HLK	USL	GCL	PRV		
Unit 1 Unit 2 Bop PH Unit 1 B	p Unit 1 Bop	Unit 1 Bop	Unit 1 Bop		

Emergency Diesel Generators Tested for											
Manual & Auto-Start Operation along with											
Auto Breaker Closure as well as Emergency	\checkmark	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Manual Closing of Breakers.											
Alternate AC sources available	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Station Services Available	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Transfer alternate source	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Plant Air Conditioning System:											
Control Rooms.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Communications Rooms	N/A	N/A	✓	N/A	✓	N/A	✓	N/A	✓	✓	✓
Plant Heating Steam:											
All Systems operational for when required.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

APPENDIX D Master Generation Outage Schedule Updated as of December 1, 2015 Newfoundland and Labrador Hydro – November 15, 2015

	Month No	ovember	-	Dece	mber		Scheduled Annual
	Week Starting	29	6	13	20	27	Maintenance Outages
Unit	MW						
Holyrood - G1	170						Aug 01 - Nov 09 (online Nov 14)
Holyrood - G2	170						June 06 - Oct 05
Holyrood - G3	150						Apr 10 - Aug 18
Bay D'Espoir - G1	76.5						Apr 26 - July 09
Bay D'Espoir - G2	76.5						Apr 05 - May 15, Aug 2 - Sept 12
Bay D'Espoir - G3	76.5						Oct 04 - 26
Bay D'Espoir - G4	76.5						Sept 27 - Nov 8
Bay D'Espoir - G5	76.5						May 27 - Aug 12
Bay D'Espoir - G6	76.5						May 27 - July 31
Bay D'Espoir - G7	154						Aug 16 - Sept 06
Upper Salmon	84						Aug 02 - 14
Granite Canal	40						July 19 - 30
Hinds Lake	75						Oct 26 - Nov 09
Cat Arm - G1	67						July 06 - 16, Nov 01 - 12
Cat Arm - G2	67						Sept 08 - 26
Paradise River	8						May 10 - 23, Sept 13 - 23
Hardwoods GT	50						
Stephenville GT	50						Apr 13 - May 29, Aug 31 - Oct 17
Holyrood CT	123.5						
Star Lake	18						June 08 - 11, Sept 07 - 12
Exploits	63						
CoGen	8						
NLH Diesels Note 5	24.7						
Newfoundland Power	117.9						
CBPP 60 Hz Note 6	99.1		:	:			
Available Capacity Note 1	1,998	1,987	1,998	1,998	2,009	2,009	
Forecasted Gross Island Peak	k Load Note 2, 3, 6	1,534	1,726	1,726	1,737	1,737	
Total Reserves Note 4		453	382	382	382	382	
Largest Operating Unit		170	170	170	170	170	
n-1 Reserve		283	212	212	212	212	

Legend	
Unit Available	White
Unit Unavailable	Dark Blue
Unit Derated	Light Blue
Unplanned / Extension	Gray

Notes:

1

As of December 01, planned Vale Diesels capacity of 10.8 MW is included in Available Capacity.

The Forecasted Gross Peak Load value for Nov 29 is the actual Gross Peak Load value.

3 December's Forecasted Gross Peak Load is the 2015 - 2016 Island Winter Peak Load (1,737 MW). This is a P50 forecast.

December's Total Reserves reflect the planned agreements for CBPP Capacity Assistance (up to 80 MW), Newfoundland Power Curtailable Load (9.9 MW), and System Voltage Reduction (20 MW).

24.7 MW includes Hawke's Bay (5 MW), St. Anthony (9.7 MW), and Holyrood Diesels (10 MW).

6 CBPP 60 Hz Generation has been reduced by 11 MW due to an issue at Deer Lake Power. This reduces the Forecasted Gross Island Peak Load by 11 MW during the same time period.

* Preventative/Corrective Maintenance items that require short duration outages are not reflected in this chart. They are planned in conjunction with system operations for an appropriate time.

APPENDIX E
Critical Spares Status Listing – Thermal Generation December 1, 2015

Asset	Define Spares Parts	Price S	pare Parts	-		Spare					less Flaming Report
7.5500	zee spares i ares	11100 3									
System	Defined Spares Parts	Stock Status	Cost	Delivery	Asset Criticality	PM / CM	Lead Time	Tech Spec	# of suppliers	Ranking	Status Update October 30, 2015
Fire Protection System	Pump	In Stock			10	1	10	10	10		
Fuel Oil Delivery System Aux. Steam & Fuel Oil Piping	8" Butterfly Valve and Actuator	In Stock			10	10	10	5	5	40	
Fuel Oil Delivery System Aux. Steam & Fuel Oil Piping	Actuator	In Stock			10	10	10	1	5	36	
Fuel Oil Delivery System Aux. Steam & Fuel Oil Piping	16" Gate Valve	In Stock			10	10	5	1	5	31	
Fuel Oil Delivery System Aux. Steam & Fuel Oil Piping	6" Control Valve	In Stock			10	10	10	1	10	41	
Fuel Oil Delivery System Aux. Steam & Fuel Oil Piping	Actuator	In Stock			10	10	10	1	5	36	
Hydrogen Generation and Storage	1/2 " Valve	In Stock			10	10	10	1	10	41	
Hydrogen Generation and Storage	Tubing - See Parts List # COM - 1	In Stock			10	10	10	1	1	32	
Powerhouse and Switchyard Single Line	Repair Parts	In Stock			10	1	10	1	10	32	
Raw and Makeup Water System & Water Treatment Plant	Cation Valve - KV2205C	In Stock			10	10	5	1	10	36	
Raw and Makeup Water System & Water Treatment Plant	Cation Valve - KV2206C	In Stock			10	10	5	1	10	36	
Raw and Makeup Water System & Water Treatment Plant	Anion Valve - KV3205C	In Stock			10	10	5	1	10	36	
Raw and Makeup Water System & Water Treatment Plant	Anion Valve - KV3206C	In Stock			10	10	5	1	10	36	
Raw and Makeup Water System & Water Treatment Plant	Cation Valve - KV2203C	In Stock			10	10	5	1	10	36	
Raw and Makeup Water System & Water Treatment Plant	Cation Valve - KV2207C	In Stock			10	10	5	1	10	36	
Raw and Makeup Water System & Water Treatment Plant	Cation Valve - KV2202C	In Stock			10	10	5	1	10	36	
Raw and Makeup Water System & Water Treatment Plant	Cation Valve - KV2208C	In Stock			10	10	5	1	10	36	
Raw and Makeup Water System & Water Treatment Plant	Anion Valve - KV3203C	In Stock			10	10	5	1	10	36	
Raw and Makeup Water System & Water Treatment Plant	Anion Valve - KV3207C	In Stock			10	10	5	1	10	36	
Raw and Makeup Water System & Water Treatment Plant	Anion Valve - KV3202C	In Stock			10	10	5	1	10	36	
Raw and Makeup Water System & Water Treatment Plant	Anion Valve - KV3208C	In Stock			10	10	5	1	10	36	
Raw and Makeup Water System & Water Treatment Plant	Mixed Bed Valve - KV4003B	In Stock			10	10	5	1	10	36	
Raw and Makeup Water System & Water Treatment Plant	Mixed Bed Valve - KV4004A	In Stock			10	10	5	1	10	36	

				•							ness Planning Report
Asset	Define Spares Parts	Price S	Spare Parts		ļ	Spar	e Pari	Crit	cality		
System	Defined Spares Parts	Stock Status	Cost	Delivery	Asset Criticality	PM / CM	Lead Time	Tech Spec	# of suppliers	Ranking	Status Update October 30, 2015
Raw and Makeup Water System & Water Treatment Plant	Mixed Bed Valve - KV4005B	In Stock			10	10	5	1	10		
Raw and Makeup Water System & Water Treatment Plant	Mixed Bed Valve - KV4006B	In Stock			10	10	5	1	10	36	
Raw and Makeup Water System & Water Treatment Plant	Mixed Bed Valve - KV4007B	In Stock			10	10	5	1	10	36	
Raw and Makeup Water System & Water Treatment Plant	Mixed Bed Valve - KV4008B	In Stock			10	10	5	1	10	36	
Raw and Makeup Water System & Water Treatment Plant	Mixed Bed Valve - KV4009B	In Stock			10	10	5	1	10	36	
Raw and Makeup Water System & Water Treatment Plant	Mixed Bed Valve - KV4010A	In Stock			10	10	5	1	10	36	
Raw and Makeup Water System & Water Treatment Plant	Mixed Bed Valve - KV4011A	In Stock			10	10	5	1	10	36	
Raw and Makeup Water System & Water Treatment Plant	Mixed Bed Valve - PCV4071	In Stock			10	10	10	1	10	41	
Raw and Makeup Water System & Water Treatment Plant	Sodium Monitor	In Stock			10	1	10	1	10	32	
Raw and Makeup Water System & Water Treatment Plant	Frequency Drive	In Stock			10	10	10	1	10	41	
Raw and Makeup Water System & Water Treatment Plant	Recirculator - Double Induction Speed Reducer - In Stock	In Stock			10	1	10	1	10	32	
Fuel Oil Delivery System Aux. Steam & Fuel Oil Piping	18 " Butterfly Valve	In Stock			10	10	10	1	5	36	Tier 2 Critical Spare - Addition to Inventory process in progress
Fire Protection System	Fire Pump Controller	Not in Stock	N/A	N/A	10	1	10	5	10	36	Expect to replace the control panel in Q1, 2016. A replacement panel is on site and is available in the event of any failure.
Powerhouse and Switchyard Single Line	Breakers	Not in Stock	N/A	N/A	10	10	5	1	10	36	2015 Capital Project.

					2015	LO WIIILE	er Readiness Planning Report
	Asset		Define Spares Parts	Price S	pare Parts		Spare Part Criticality
System	Sub System	Asset	Defined Spares Parts	Stock Status	Cost	Delivery	Asset Criticality PM / CM Lead Time Tech Spec # of sup pilers Ranking Ranking
Circulating Water and Screen Wash System	CW Discharge Valves	Butterfly Valve	36" Butterfly Valve	In Stock			10 1 10 1 10 32
Circulating Water and Screen Wash System	CW Discharge Valves	Butterfly Valve	Actuator	In Stock			10 1 10 1 10 32
Combustion Air & Gas Instruments	Burner Management	Burner Automation	Network Interface Modules	In Stock			10 10 10 1 10 41
Combustion Air & Gas Instruments	Burner Management	Burner Automation	Master Fuel Trip Relays	In Stock			10 10 10 5 10 45
Combustion Air & Gas Instruments	Burner Management	Burner Automation	DCS Control Processor	In Stock			10 10 10 5 10 45
Combustion Air & Gas Instruments	Burner Management	Elevation Oil Flow Transmitter	Meter & Sensor	In Stock			10 10 5 5 5 35
Combustion Air & Gas Instruments	Burner Management	Elevation Oil Flow Transmitter	Transmitter	In Stock			10 10 5 5 5 35
Combustion Air & Gas Instruments	Burner Management	Flame Scanners	24Vdc Scanner Power Supply	In Stock			10 10 5 5 10 40
Combustion Air & Gas Instruments	Burner Management	Air Flow Transmitters	Transmitter	In Stock			10 10 10 5 10 45
Combustion Air & Gas Instruments	Burner Management	Oil Flow Transmitter	Transmitter - Unit 1	In Stock			10 10 5 5 10 40
Combustion Air & Gas Instruments Combustion Air & Gas Instruments	Burner Management Burner Management	Oil Flow Transmiitter Oil Flow Transmiitter	Sensor - Unit 2 Transmitter - Unit 2	In Stock In Stock			10 10 5 5 10 40 10 10 5 5 10 40
Condenser Air Extraction System	Vacuum Breakers	Oil Flow Transmitter	6' Flanged	In Stock		1	10 1 10 5 5 10 40
Generator	Seal Oil System	Seals	See Parts List #U1&2 - 1 from	In Stock			10 1 10 3 3 31
Generator		Pridges	Service Contractor See OEM Parts List #U1&2 - 2	In Charle		-	10 1 10 1 10 32
Generator Generator	Exciter Exciter	Bridges Channels	See OEM Parts List #U1&2 - 2 See OEM Parts List	In Stock In Stock		 	10 1 10 1 10 32
Generator	Stator	PT Cubicle	Primary Contact for Generator P.T.	In Stock			10 1 10 1 10 32
Generator	Seal Oil System	Regulator	1.5" Regulating Valve	In Stock		-	10 10 10 1 11 10 41 Not critical to unit operation.
Ignitor Light Oil and Air Supply	Light Oil	Trip Valve	1.5 Regulating valve	In Stock			10 10 10 1 10 41 Not critical to unit operation.
Ignitor Light Oil and Air Supply Ignitor Light Oil and Air Supply	Light Oil	Igniter Control Box	Ignition Transformer	In Stock			10 10 5 1 5 31
Ignitor Light Oil and Air Supply	Light Oil	Igniter Control Box	Sunspot	In Stock			10 10 5 1 5 31
Ignitor Light Oil and Air Supply	Light Oil	Igniter Control Box	Valve Assembly / Oil Igniter	In Stock			10 10 5 1 5 31
L.P. Feedwater System	L.P. Heater Controls (Water Induction Protection)	-8	Level Transmitters	In Stock			10 10 10 5 10 45
L.P. Feedwater System	L.P. Heater Controls (Water Induction Protection)		Aquarian Alarm Modules	In Stock			10 10 10 5 10 45
L.P. Feedwater System	L.P. Heater Controls (Water Induction Protection)		Relays	In Stock			10 10 10 5 10 45
L.P. Feedwater System	L.P. Heater Controls (Water Induction Protection)		Solenoid	In Stock			10 10 10 5 10 45
L.P. Feedwater System	L.P. Heater Controls (Water Induction Protection)		Conductivity Probe	In Stock			10 1 10 1 10 32
L.P. Feedwater System	Deaerator System	Level Control	Level Switch	In Stock			10 10 5 5 10 40
L.P. Feedwater System	Deaerator System	Level Control	Level Transmitter	In Stock			10 10 10 5 10 45
L.P. Feedwater System	Deaerator System	Level Control	Relay	In Stock			10 10 10 5 10 45
L.P. Feedwater System	Ammonia System		Bulk Chemical	In Stock			10 10 10 1 10 41
L.P. Feedwater System	Deaerator System	NRV Valves (2)	Non-Return Valve	In Stock			10 1 10 1 10 32
L.P. Feedwater System	Deaerator System	NRV Valves (2)	Gaskets	In Stock			10 1 10 1 10 32
L.P. Feedwater System	Deaerator System	NRV Valves (2)	O-Rings	In Stock			10 1 10 1 10 32
L.P. Feedwater System	Deaerator System	NRV Valves (2)	Packing	In Stock			10 1 10 1 10 32
L.P. Feedwater System	Deaerator System	NRV Valves (2)	Seal washers	In Stock			10 1 10 1 10 32
L.P. Feedwater System	L.P. Heaters	NRV Valves	Non-Return Valve	In Stock		 	10 1 10 1 10 32 10 1 10 1 10 32
L.P. Feedwater System L.P. Feedwater System	L.P. Heaters L.P. Heaters	NRV Valves NRV Valves	Gaskets o-Rings	In Stock In Stock			10
L.P. Feedwater System L.P. Feedwater System	L.P. Heaters	NRV Valves	O-Kings Packing	In Stock		 	10 1 10 1 10 32
L.P. Feedwater System	L.P. Heaters	NRV Valves	Seal washers	In Stock		†	10 1 10 1 10 32
L.P. Feedwater System	Polisher Bypass Valve		Valve	In Stock		†	10 10 10 1 10 41
L.P. Feedwater System	Condensate Polishers (Units 1, 2)	Valves	3" Valves	In Stock			10 10 10 1 10 41
L.P. Feedwater System	Condensate Polishers (Units 1, 2)	Valves	2" Valves	In Stock		1	10 10 10 1 10 41
Main Steam & Reheat Steam; Turbine Drains	Vacuum Trip Device		Pressure Transmitter - Unit 1	In Stock			10 10 10 5 10 45
Powerhouse and Switchyard Single Line	258V DC System	Unit 1 & 2 Field Breakers	Field Breaker	In Stock			10 10 10 5 10 45
Turbine Generator System Stage 1	Governor	Governor	Mark 5 System - cable assemblies	In Stock			10 10 10 1 10 41
Turbine Generator System Stage 1	Governor	Governor	Mark 5 System - 50 gal. Intercept Control Valve Servos	In Stock			10 1 10 1 10 32
Turbine Generator System Stage 1	Governor	Governor	Mark 5 System - 50 gal. Main Control Valve Servos	In Stock			10 1 10 1 10 32
Turbine Generator System Stage 1	Governor	Governor	Mark 5 System - 6 gal. Intercept Control Valve Servos (scram)	In Stock			10 1 10 1 10 32

	Asset		Define Spares Parts	rrice 3	Spare Parts		ار ا	are P	T	STICIC	anty	-	
								- 1					
System	Sub System	Asset	Defined Spares Parts	Stock Status	Cost	Delivery	Asset Criticality	PM / CM	Lead IIme	Tech Spec	# of suppliers	Ranking	Status Update October 30, 2015
Turbine Generator System Stage 1 G	Governor	Governor	Mark 5 System - 6 gal. Main Stop	In Stock			10	1 1	.0	1	10	32	
Turbine Generator System Stage 1 G	Governor	Governor	Valve Servos Linear Variable Differential Transducer for Intercept Control	In Stock			10	1 1	.0	1	10	32	
Turbine Generator System Stage 1 G	Governor	Governor	Valve & Main Control Valve Linear Variable Differential Transducers for 1 per Main Stop Valve	In Stock			10	1 1	.0	1	10	32	
Turbine Generator System Stage 1 G	Governor	Governor	Trip Manifold Assembly (TMA) - Unit 2 OEM \Parts list #U1&2 -4 List of OEM recommended	In Stock			10				10		
Turbine Generator System Stage 1 G	Governor	Governor	Go Switch - Limit Switches	In Stock			10	10 1	.0	1	10	41	
Turbine Generator System Stage 1 G	Governor	Governor	Fluid Power Products	In Stock			10	0 1	.0	1	10	41	
	Turbine Lube Oil System	DC Oil Pump	Pump	In Stock				1 1			10		
	Turbine Lube Oil System	DC Motor	Motor	In Stock	İ			1 1			10		
	Turbine Lube Oil System	Pressure Switches	Switch	In Stock	1			1 1					
	Hydraulic Fluid System	Fluid Pumps	Pump	In Stock	 			0 1			10		
	Turbine Lube Oil System	AC Oil Pumps	Pump	In Stock	1			1 1		_			
	Turbine Lube Oil System	AC Motor	Motor	In Stock				1 1		_	10		
Turbine Generator System Stage 1 Te	Turbine Lube Oil System	Pressure Switch 2	Switch	In Stock			10	1 1	0	1	10	32	
Turbine Generator System Stage 1	Steam Seal Regulator		Main Steam Valve - Actuator Repair Kit - Unit 1 & 2	In Stock			10	1 1	0	1	10	32	
Turbine Generator System Stage 1	Steam Seal Regulator		Main Steam Control Valve - Repair Kit - Unit 1 & 2	In Stock			10	1 1	0	1	10	32	
Turbine Generator System Stage 1	Steam Seal Regulator		Dump Control Valve - Actuator - Repair Kit - Unit 1 & 2	In Stock			10	1 1	0	1	10	32	
	Steam Seal Regulator		Dump Control Valve - Body - Repair Kit - Unit 1 & 2	In Stock						1		32	
Units 1 & 2 Air & Flue Gas	Furnace Pressure TX (Trip)		Pressure Transmittter	In Stock			10 :	.0	5	1	10	36	
Units 1 & 2 Air & Flue Gas	Rotary Air Heaters	Baskets	See OEM Parts List #U1&2- 6	In Stock			10	0 1	.0	1	10	41	
Units 1 & 2 Air & Flue Gas	Rotary Air Heaters	Rotating Element & Bearings	See OEM Parts List #U1&2- 6	In Stock			10	0 1	.0	1	10	41	
Units 1 & 2 Air & Flue Gas	Rotary Air Heaters	Drive System	See OEM Parts List #U1&2- 6	In Stock			10	0 1	.0	1	10	41	
	Rotary Air Heaters	Soot Blowers	See OEM Parts List #U1&2- 6	In Stock				0 1			10		
	Combustion Control Valve	Combustion Control Valve	2" Flanged valv	In Stock			10 :			_			
	Atomizing Steam Valve	Atomizing Steam Valve	2" Flanged Valve	In Stock				0 !					
	Main Fuel Oil Trip Valve	Main Fuel Oil Trip Valve	Flanged Valve	In Stock	-		10 :						
	Header Pressure Control Valve	Header Pressure Control Valve	327680000	In Stock	1			0 1					
	Fuel Oil Pumps	Fuel Oil Pumps	Pump	In Stock	1			0 1			10		
· · · · · · · · · · · · · · · · · · ·	Mechanical Seal	Mechanical Seal	Seal	In Stock	-			1 1					
	Short Recirculation Valve	Short Recirculation Valve	Welded Flange	In Stock				0 1					
	Long Recirculatoin Valve	Long Recirculatoin Valve	Welded Valve	In Stock			10 :						
Units 1 & 2 Fuel Oil System Fe	Fuel Oil Heaters	Fuel Oil Heaters	Gaskets	In Stock			10						
Units 1 & 2 Fuel Oil System	Fuel Oil Heaters	Fuel Oil Heaters	Tube Bundles	In Stock			10	1 1	.0	1	10	32	
Units 1 & 2 Fuel Oil System	Burners	Oil Valve	oil, Steam & Svange Valves - All Same	In Stock			10	10 !	5	1	10	36	
Units 1 & 2 H.P. Feedwater System	Feed Water Flow Controls	Main Feed Water Control Valve - Unit 1	See Pats List #U1&2-8	In Stock			10	10 !	5	1	10	36	
Units 1 & 2 H.P. Feedwater System B	Boiler Feed	Boiler Feed Pumps - Unit 1 E & W	Pump or Parts	In Stock			10	1 1	.0	5	10	36	
	Boiler Feed	Unit 2 E & W	Pump	In Stock			10						
		Pump Parts	Rotating Assembly	In Stock	1		10						
, i		Pump Parts	Volute casing for rotating assembly	In Stock			10				10		
Units 1 & 2 H.P. Feedwater System Br	Boiler Feed	Pump Parts	Throttle bushing (2 reg'd)	In Stock	 		10 :	0 .	+	1	10	36	
					-		10						
	Boiler Feed	Pump Parts	Sleeve bearing	In Stock	-								
		Pump Parts	Balance bushing	In Stock	1		10 :						
	Boiler Feed	Pump Parts	Thrust bearing	In Stock			10						
Units 1 & 2 H.P. Feedwater System B	Boiler Feed	Pump Parts	Gaskets	In Stock	ļ		10	.0	<u>i</u>	1	10	36	
Units 1 & 2 H.P. Feedwater System	Boiler Feed	Main Feedwater Low Load Control Valve	See Pasrts List #U1&2-9	In Stock			10	10 1	0	5	5	40	

	Asset		Dofino Sparos Barts	Price 9	Spare Parts			are Pa				Illing Report
	ASSEC		Define Spares Parts	riice	pare ruits		- J	are re	1, ()	rica	,	
System	Sub System	Asset	Defined Spares Parts	Stock Status	Cost	Delivery	Asset Criticality	rivi / Civi	Toch Spor	nade inal	# or suppriers Ranking	Status Update October 30, 2015
Units 1 & 2 H.P. Feedwater System	H.P. Heater Controls (Water Induction Protection)	Unit #1 - All HP Heaters	Level Transmitters	In Stock			10 1	0 1) 1	L :	1 32	
Units 1 & 2 H.P. Feedwater System	H.P. Heater Controls (Water Induction Protection)	Unit # 2 - HP Heater # 4 & 6	Leve Transmitter	In Stock			10 1	0 1) 1	1 :	1 32	
Units 1 & 2 H.P. Feedwater System	H.P. Heater Controls (Water Induction Protection)	Unit # 2 -HP Heater # 5	Level Transmitter	In Stock			10 1	0 1) 1	1 1	0 41	
Units 1 & 2 H.P. Feedwater System	H.P. Heater Controls (Water Induction Protection)	Unit 1 - All HP Heaters	Aquarian Alarm Modules	In Stock			10 1	0 1) 1	1 1	0 41	
Units 1 & 2 H.P. Feedwater System	H.P. Heater Controls (Water Induction Protection)	Unit #2 - Heater # 4 & 6	Aquarian Alarm Modules	In Stock			10 1	0 1) 1	1 1	.0 41	
Units 1 & 2 H.P. Feedwater System	H.P. Heater Controls (Water Induction Protection)	Unit # 2 -HP Heater # 5	Aquarian Alarm Modules	In Stock			10 1	0 1) 1	1 1	0 41	
Units 1 & 2 H.P. Feedwater System	H.P. Heater Controls (Water Induction Protection)	Unit 1 & 2 - All HP Heaters	Conductivity Probe	In Stock			10 1	0 1) 1	1	.0 41	
Units 1 & 2 H.P. Feedwater System	H.P. Heater Controls (Water Induction Protection)	Unit # 1 & 2 - All HP Heaters	Relay	In Stock	_		10 1	0 5	. 1	: ا	5 31	
Units 1 & 2 H.P. Feedwater System	H.P. Heater Controls (Water Induction Protection)	Unit 1 & 2	Solenoid	In Stock			10 1	0 10) 1	1 1	.0 41	
Units 1 & 2 H.P. Feedwater System	Boiler Feed	Suction Valve Limit Switch	Oil Tight Limit Switch	In Stock			10 1	0 1) 1	L :	1 32	
Units 1 & 2 H.P. Feedwater System	Boiler Feed	Suction Valve	10" Valve	In Stock			10	l 10) 1	. 1	0 32	
Units 1 & 2 H.P. Feedwater System	H.P. Heaters	Motorized Bypass Valves	8" Valve	In Stock				L 10			0 32	
Units 1 & 2 H.P. Feedwater System	H.P. Heaters	NRV Valves - Heater # 4	8"- 150#	In Stock							0 32	
Units 1 & 2 H.P. Feedwater System	H.P. Heaters	NRV Valves - Heater # 5	8"- 300#	In Stock				l 10			0 32	
Units 1 & 2 H.P. Feedwater System	H.P. Heaters	NRV Valves - Heater # 6	8"- 600#	In Stock				1 10			0 32	
Units 1 & 2 H.P. Feedwater System	Steam Drum	Level Control Transmitters	Level Transmitter	In Stock							1 32	
Units 1 & 2 H.P. Feedwater System	Boiler Feed	Suction Line Safety Valve	1/2" x 1" Valve	In Stock				0 10			1 32	
Units 1 & 2 H.P. Feedwater System	Boiler Feed	Boiler Feed Recirculation Valve to DA	4" Valve	In Stock				0 1			0 41	
Combustion Air & Gas Instruments	Burner Management	Positioner	2.5" x 5 "Pneumatic PowerPositioner In Stock	In Stock			10	l 10) 5	5 1	0 36	
L.P. Feedwater System	Condensate Extraction Pumps		See OEM Parts List -# U1&2 - 3	In Stock			10	1 10) 1	1	.0 32	
Powerhouse and Switchyard Single Line	258V DC System	Cable	In Stock	In Stock				0 5			5 31	
Turbine Generator System Stage 1	Governor	Governor	Mark 5 System - speed probes	In Stock			10 1	0 1) 1	. 1	0 41	
Turbine Generator System Stage 1	Turbine Lube Oil System	Pressure Switch 1	Switch	In Stock			10	l 10) 1	. 1	0 32	
Turbine Generator System Stage 1	Steam Seal Regulator		Main Steam Control Valve - Positioner - Unit 2	In Stock			10	1 10) 1	1 1	.0 32	
Condenser Air Extraction System	Mechanical Vacuum Pumps	Motor	Motor	In Stock			10	l 10) 5	5 !	5 31	
Generator	Stator	PT Cubicle	Potential Transformer (PT)	In Stock			10	l 10) 1	. 1	0 32	
	Stator	Stand Off Insulators	Stand Off Insulator	In Stock			10	1 10) 5	5 1	.0 36	Tier 2 Critical Spare - Additional Engineering Required
Turbine Generator System Stage 1	Governor	Governor	Truck V-Fast Cables	duplicate			10 1	0 1) 1	. 1	0 41	
Units 1 & 2 H.P. Feedwater System	Boiler Feed	Unit 2	Flanged Valve - TJ to chek system	duplicate			10 1	0 1) 1	1	0 41	
Turbine Generator System Stage 1	Steam Seal Regulator		Dump Control Valve - Body - Valve Cage - Unit 1 & 2	Not In Stock	\$51,000.00	16/02/01	10	1 10) 1	1	.0 32	
Generator	Rotor	Rotor	Rotor	Not in Stock	N/A	N/A	10	1 10) 5	5 1	.0 36	Predictive and preventative maintenance plus condition monitoring and condition assessments are used to maintain and extend the life of the generator.
Generator	Rotor	Rotor Poles	Rotor Poles	Not in Stock	N/A	N/A	10	1 10) 5	5 1	0 36	Predictive and preventative maintenance plus condition monitoring and condition assessments are used to maintain and extend the life of the generator.
Generator	Stator		Stator and Brush Rigging Assembly	Not in Stock	N/A	N/A	10	1 10) 5	5 1	0 36	Predictive and preventative maintenance plus condition monitoring and condition assessments are used to maintain and extend the life of the generator.

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					2013-1	LO VVIIIL	<u> </u>	cat		-33	1 10	illillig Keport
	Asset		Define Spares Parts	Price	Spare Parts		• ;	Spare	Part (ritica	ality	
System	Sub System	Asset	Defined Spares Parts	Stock Status	Cost	Delivery	Asset Criticality	PM / CM	ᇤ	S '	# of suppliers	Status Update October 30, 2015
Generator	Stator	Stator Poles	Stator Poles	Not in Stock	N/A	N/A	10	1	10	5 :	10 3	Predictive and preventative maintenance plus condition monitoring and condition assessments are used to maintain and extend the life of the generator.
Units 1 & 2 Air & Flue Gas	F.D. Fans	Unit 1& 2 - Fans	See Parts List #U1&2 - 5 - from OEM	Not in Stock	N/A	N/A	10	1	10	10 :	10 4	Predictive and preventative maintenance plus condition monitoring are utilized to 1 maintain the FD Fans, mitigating the requirement for whole spare replacements.
Powerhouse and Switchyard Single Line	258V DC System	Panel	Breakers	Not in Stock	N/A	N/A	10	10	10	5 :	10 4	Capital Project in 2015.
Powerhouse and Switchyard Single Line	258V DC System	Unit 1 & 2 - Rectifying Transformers	Rectifying Transformer	Not in Stock	N/A	N/A	10	1	10	5	5 3	1 Capital Project in 2018.
Powerhouse and Switchyard Single Line	258V DC System	Charger	Breakers	Not in Stock	N/A	N/A	10	1	10	1	10 3	2 Capital Project in 2015.
Powerhouse and Switchyard Single Line	258V DC System	Charger	Charger	Not in Stock	N/A	N/A	10	1	10	1	10 3	2 Capital Project in 2015.

	Asset		Define Spares Parts	Price 9	Spare Parts			are Pa				
System	Sub System	Asset	Defined Spares Parts	Stock Status	Cost	Delivery	Asset Criticality	41		P.C	ding	Status Update - October 30, 2015
Circulating Water and Screen Wash System	CW Discharge Valves		CW Butterfly Valve Actuator	In Stock			10 10	0 10	1	5	36	
Combustion Air & Gas Instruments	Burner Management	Burner Automation	Network Interface Modules	In Stock			10 10	0 10	1	1	0 41	
Combustion Air & Gas Instruments	Burner Management	Burner Automation	Master Fuel Trip Relays	In Stock			10 10			1	0 36	Tier 1 Critical Spare - Addition to Inventory process in progress
Combustion Air & Gas Instruments	Burner Management	Burner Automation	DCS Control Processor	In Stock			10 10	0 10	1	1	0 41	
Combustion Air & Gas Instruments	Burner Management	Elevation Oil Flow Transmitter	Meter & Transmitter	In Stock			10 10	0 10	1	1	32	Tier 1 Critical Spare - Addition to Inventory process in progress
Combustion Air & Gas Instruments	Burner Management	Elevation Air Dampers	Positioner	In Stock			10 1	. 10	1	1	0 32	
Condenser Air Extraction System	Vacuum Breakers		6" Flange Vacuum Breaker	In Stock			10 10	0 10	1	5	36	
Generator	Syncronous Condensor	Thrust Bearing	See Parts List & Estimate by Supplier - #U3-1	In Stock			10 1	. 10	1	10	0 32	Tier 2 Critical Spare - Addition to Inventory process in progress
Generator	Exciter	Bridges	See OEM Parts List -# U3- 2	In Stock			10 1	. 10	1	10	0 32	Tier 2 Critical Spare - Addition to Inventory process in progress
Generator	Exciter	Channels	See Above	In Stock			10 1	. 10	1	10	0 32	
Generator	Stator	PT Cubicle	Potential Transformer (PT)	In Stock			10 1	. 10	5	10	0 36	Tier 2 Critical Spare - Additional Engineering Required
Ignitor Light Oil and Air Supply	Light Oil	Igniter Control Box	Light Oil / Air Supply Solenoid Valve	In Stock			10 10	0 5	1	10	0 36	
Ignitor Light Oil and Air Supply		Igniter Control Box	Purge Solenoid Valve	In Stock			10 10	0 5	1	1	0 36	
Ignitor Light Oil and Air Supply		Igniter Control Box	Pneumatic Actuator	In Stock			10 10					
Ignitor Light Oil and Air Supply		Igniter Control Box	Ignition Transformer	In Stock			10 10					
Ignitor Light Oil and Air Supply		Igniter Control Box	Relay	In Stock			10 10					
Ignitor Light Oil and Air Supply		Igniter Control Box	Sunspot - Scanner	In Stock			10 10	0 5	1	1	0 36	
Ignitor Light Oil and Air Supply		Igniter Control Box	Snap Action Switch	In Stock			10 10	0 10	1	10	0 41	process in progress
Ignitor Light Oil and Air Supply		Igniter Control Box	1/4" Light Oil Air Ball Valves	In Stock			10 10	0 5	1	5	31	Tier 1 Critical Spare - Addition to Inventory process in progress
L.P. Feedwater System	L.P. Heater Controls (Water Induction Protection)		Level Transmitter LP Heater #1	In Stock			10 10	0 10	1	1	0 41	
L.P. Feedwater System	L.P. Heater Controls (Water Induction Protection)		Relay	In Stock			10 10	0 10	1	1	0 41	Tier 1 Critical Spare - Addition to Inventory process in progress
L.P. Feedwater System	L.P. Heater Controls (Water Induction Protection)		Conductivity Probe	In Stock			10 10	0 5	1	10	0 36	
L.P. Feedwater System	Deaerator System	Deaerator	Gauge Glasses	In Stock			10 10			1		
L.P. Feedwater System	Deaerator System	Level Control	Level Transmitter	in Stock		1		0 10		_	_	
L.P. Feedwater System	Ammonia System		Bulk Chemical Tote Tank	In Stock			10 10) 10	1	10	0 41	
L.P. Feedwater System	Condensate Polishers (Units 1, 2, 3)	Control Valves	8" Valve	In Stock			10 1					
L.P. Feedwater System	L.P. Heaters	NRV Valves - #2 - LP Heater	20"Dia	in Stock		ļ	10 1	. 10		_		
L.P. Feedwater System	L.P. Heaters	NRV Valves - #1 LP Heater	24" Dia	In Stock		ļ		. 10		_	_	
L.P. Feedwater System	Deaerator System	NRV Valves (2)	14" Dia on DA	In Stock		ļ	10 1	. 10	1	1	0 32	1
L.P. Feedwater System	Deaerator System	Safety Valves	6" Valves	In Stock			10 1				0 32	
L.P. Feedwater System	Polisher Bypass Valve		Parts to Repair	In Stock		ļ	10 10	0 10	1	1	0 41	1
L.P. Feedwater System	Condensate Polishers (Units 1, 2, 3)	Valves	3" Valves	In Stock			10 10	0 10	1	1	0 41	
L.P. Feedwater System	Condensate Polishers (Units 1, 2, 3)	Valves	2" Valves	In Stock			10 10	0 10	1	1	0 41	
Powerhouse and Switchyard Single Line	258V DC System	Field Breaker	Field Breaker	In Stock			10 1	. 10	1	10	0 32	Tier 2 Critical Spare - Addition to Inventory process in progress
Turbine Generator System Stage 2	Governor	Governor	See Hitachi Parts List # U3-5 for Governor Drive Assembly	In Stock			10 10	0 10	1	10	0 41	Tier 2 Critical Spare - Addition to Inventory process in progress

	Asset		Define Spares Parts	Price	Spare Parts			are Pa				
System	Sub System	Asset	Defined Spares Parts	Stock Status	Cost	Delivery	ality	Lead Time		ers		Status Update - October 30, 2015
Turbine Generator System Stage 2	Governor	Electrical Trip Test Device	Solenoid Trip - See Hitachi OEM Parts list #U3-8	In Stock			10 1	. 10	1	10	32	Tier 2 Critical Spare - Addition to Inventory process in progress
Turbine Generator System Stage 2	Turbine Lube Oil System	DC Lube (Flushing) Oil Pump Same for AC Pump	See Hitachi Parts List #U3-11 for pump - 2 Recommended Parts	In Stock			10 1	. 10	1	10	32	
Turbine Generator System Stage 2	Turbine Lube Oil System	DC Lube (Flushing) Oil Pump	Auto Start Pressure Switch	In Stock			10 1	. 10	1	10	32	
Turbine Generator System Stage 2	Turbine Lube Oil System	DC Lube (Flushing) Oil Pump	Motor	In Stock			10 1	. 10	1	10	32	Tier 2 Critical Spare - Addition to Inventory process in progress
Turbine Generator System Stage 2	Main Steam Chest Assembly	Control Valve - Upper	See OEM list & Quote see list #U3- 12	In Stock			10 1	. 10	1	10	32	Tier 2 Critical Spare - Addition to Inventory process in progress
Turbine Generator System Stage 2	Main Steam Chest Assembly	Control Valve - Lower	See OEM list & Quote see list #U3- 13	In Stock			10 1	. 10	1	10	32	Tier 2 Critical Spare - Addition to Inventory process in progress
Turbine Generator System Stage 2	Main Steam Chest Assembly	Stop Valves	See 2 OEM lists & Quotes List #U3 - 14	In Stock			10 1	. 10	1	10	32	Tier 2 Critical Spare - Addition to Inventory process in progress
Turbine Generator System Stage 2	Reheat Steam Chest Assembly	Reheat/ICV Valves	See 4 OEM lists & Quotes - List #U3- 15	In Stock			10 1	. 10	1	10	32	Tier 2 Critical Spare - Addition to Inventory process in progress
Turbine Generator System Stage 2	Steam Seal Regulator		Pressure Transmitter - Unit 3	In Stock			10 1	. 10	1	10	32	process in progress
Turbine Generator System Stage 2	Steam Seal Regulator		Main Steam Control Valve - Actuator - Unit 3	In Stock			10 1	. 10	1	10	32	
Turbine Generator System Stage 2	Steam Seal Regulator		Main Steam Control Valve - Body - Unit 3	In Stock			10 1	. 10	1	10	32	
Turbine Generator System Stage 2	Steam Seal Regulator		Main Steam Control Valve - Positioner - Unit 3	In Stock			10 1	. 10	1	10	32	
Turbine Generator System Stage 2	Steam Seal Regulator		Aux Steam Control Valve - Actuator - Unit 3	In Stock			10 1	. 10	1	10	32	
Turbine Generator System Stage 2	Steam Seal Regulator		Aux Steam Control Valve - Body - Unit 3	In Stock			10 1	. 10	1	10	32	
Turbine Generator System Stage 2	Steam Seal Regulator		Dump Control Valve - Actuator - Repair Kit - Unit 3	In Stock			10 1	. 10	1	10	32	
Turbine Generator System Stage 2	Steam Seal Regulator		Dump Control Valve - Body - Repair Kit - Unit 3	In Stock			10 1	. 10	1	10	32	
Unit 3 Air & Flue Gas	F.D. Fans (EFD)		Series 8500 size 95 w/ 95" @ 100% width wheell	In Stock			10 1	. 10	1	10	32	Repair materials in stock
Unit 3 Air & Flue Gas	F.D. Fans (EFD)		Series 8500size 95 w/ 95" @ 100%width Shaft	In Stock			10 1	. 10	1	10	32	Repair materials in stock
Unit 3 Air & Flue Gas	F.D. Fans (EFD)		Drive side bearing	In Stock			10 1	. 10	1	10	32	Tier 2 Critical Spare - Addition to Inventory process in progress
Unit 3 Air & Flue Gas	F.D. Fans (EFD)		Opposite side bearing	In Stock			10 1	. 10	1	10	32	Tier 2 Critical Spare - Addition to Inventory process in progress
Unit 3 Air & Flue Gas	F.D. Fans (EFD)		2 - Temperature probes installed in bearings	In Stock			10 1				32	
Unit 3 Air & Flue Gas	F.D. Fans (EFD)		Falk Steelflex coupling	In Stock			10 1 10 1	. 10				
Unit 3 Air & Flue Gas Unit 3 Air & Flue Gas	F.D. Fans (EFD) F.D. Fans (EFD)	+	outlet damper variable inlet vanes	In Stock In Stock								Repair materials in stock Repair materials in stock
Unit 3 Air & Flue Gas	F.D. Fans (EFD)		Inlet Silencer	In Stock								Repair materials in stock

Enterior Sub-System Asset Defined Sover Parts Sook Status Cot Orley Sub-Sub-Sub-Sub-Sub-Sub-Sub-Sub-Sub-Sub-		Asset		Define Spares Parts	Price S	Spare Parts			re Pa				
Comparison Com	System	Sub System	Asset	Defined Spares Parts	Stock Status	Cost	Delivery	Asset Criticality PM / CM	Lead Time	Tech Spec	# of suppliers	Ranking	Status Update - October 30, 2015
Mail Fried Of System	Unit 3 Air & Flue Gas	Rotary Air Heaters	Gearbox	Gearbox	In Stock			10 1	10	1	10	32	
Mail Fried Of System	Unit 3 Air & Flue Gas	O2 Analyzers		Analyzer - Instock	In Stock			10 1	10	1	10	32	
Use 3 Face Oil System				•									
Management Man	Unit 3 Fuel Oil System		Main Fuel Oil Trip Valve	4" Type ET Class 300	In Stock			10 1	10	1	10	32	
A	Unit 3 Fuel Oil System		Combustion Control Valves	1 1/2 " flanged valve w/ actuator	In Stock			10 1	10	1	10	32	process in progress
Actuation Continue	Unit 3 Fuel Oil System		Atomizing Steam Valve		In Stock			10 1	10	1	10	32	process in progress
Miles Part	Unit 3 Fuel Oil System		Level Fuel Oil Trip Valves (3)		In Stock			10 1	10	1	10	32	process in progress
State Company Compan	Unit 3 Fuel Oil System		Header Pressure Control Valve	1-1/2" - Welded Flanged	In Stock			10 1	10	1	10	32	
Common C	Unit 3 Fuel Oil System		Fuel Oil Pumps	Pump	In Stock			10 10	10	1	10	41	process in progress
Second System Second Second System Second System Second Second Second System Second Second System Second Second Second Second Second Second System Second Se	Unit 3 Fuel Oil System		Main Fuel Oil Recirculation Valve	1" Welded Flange Valve w/ Actuator	In Stock			10 1	10	1	10	32	
Unit 3 Fed Disystem Burners Steam Value 1 "Value In STOCK 1 10 1 1 10 1 10 1 10 1 10 1 10 1 10	Unit 3 Fuel Oil System		Level Fuel Oil Recirculation Valves	3/4" Welded Valve w/ Actuator	In Stock			10 1	10	1	10	32	
10m3 Fab Feedwater System Solier feed Solier feed Pumps Rotating Assembly In Stock 10 1 10 1 10 12 10 12 10 12 10 12 10 12 10 13 10 12 10 13 10 12 10 13 10 10				·									
Unit 3 H.P. Feedwater System Solier Feed Pumps Solier Feed Pumps Volute Casing for rotating assembly In Stock 10 1 10 1 10 2 10 32	,												
Unit 3 H.P. Feedwater System Boiler Feed Boiler Feed Pumps Volute casing for rotating assembly In Stock 10 1 1 10 1 10 3 2		•						-	_	_	_	_	
Unit 3 H.P. Feedwater System Solier Feed Solier Feed Pumps Sleeve bearing (2 reg/d) In Stock 10 1 0 5 1 1 0 36													
Unit 3 H.P. Feedwater System Boller Feed	Unit 3 H.P. Feedwater System	Boiler Feed	Boiler Feed Pumps	Throttle bushing (2 reg'd)	In Stock			10 10	5	1	10	36	
Unit 3 H.P. Feedwater System Solier Feed	·	•	·					10 10	5	1	10	36	
Unit 3 H.P. Feedwater System Boller Feed Pumps Gaskets In Stock 10 10 5 1 10 36 141 101 101 10 1 10 10 10	Unit 3 H.P. Feedwater System	Boiler Feed	Boiler Feed Pumps	Balance bushing	In Stock								
Unit 3 H.P. Feedwater System			·										
Unit 3 H.P. Feedwater System													
Unit 3 H.P. Feedwater System				1									
Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - 26A52990X52 - Seat Ring Retainer In Stock 10 10 10 10 10 10 10 1		•		-									
Unit 3 H.P. Feedwater System				1 - 26A52990X52 - Seat Ring									
Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - 36A5442X0K2 - Plug/Stem Bal In Stock 10 10 10 10 10 10 10 10 10 10 10 10 10 1		Feed Water Flow Controls		1 - 27A2798X042 - Seat Ring, O-Ring	In Stock								
Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - 11872906332 - Upper Wiper In Stock 10 10 5 1 10 36 Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - 11873435072 - Packing Box Ring Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - 11873435072 - Packing Box Ring In Stock 10 10 5 1 10 36 Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - 11873435072 - Packing Box Ring In Stock 10 10 5 1 10 36 Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - 11873435072 - Packing Box Ring In Stock 10 10 5 1 10 36 Tier 1 Critical Spare - Addition to Inventory process in progress Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - 26376X0082 - Diaphragm In Stock 10 10 5 1 10 36 Tier 1 Critical Spare - Addition to Inventory process in progress Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - 186376X00802 - Repair Kit In Stock 10 10 5 1 10 36 Tier 1 Critical Spare - Addition to Inventory process in progress Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - R667X000802 - Repair Kit In Stock 10 10 5 1 10 36 Tier 1 Critical Spare - Addition to Inventory process in progress Unit 3 H.P. Feedwater System Protection) H.P. Heater Controls (Water Induction Protection) H.P. Heater Controls (Wat	Unit 3 H.P. Feedwater System	Feed Water Flow Controls	Main Feed Water Control Valve	1 - 42B3570X012 - Cage, Eq%	In Stock			10 10	10	1	10	41	
Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - 1J872906332 - Upper Wiper In Stock 10 10 5 1 10 36 Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - 1J873435072 - Packing Box Ring In Stock 10 10 5 1 10 36 Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - 1R290601012 - Packing Set In Stock 10 10 5 1 10 36 Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - 1H7441X0022 - Bushing Seal In Stock 10 10 5 1 10 36 Tier 1 Critical Spare - Addition to Inventory process in progress Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - 2R6376X0082 - Diaphragm In Stock 10 10 5 1 10 36 Tier 1 Critical Spare - Addition to Inventory process in progress Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - R667X000802 - Repair Kit In Stock 10 10 5 1 10 36 Tier 1 Critical Spare - Addition to Inventory process in progress Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - R667X000802 - Repair Kit In Stock 10 10 5 1 10 36 Tier 1 Critical Spare - Addition to Inventory process in progress Unit 3 H.P. Feedwater System H.P. Heater Controls (Water Induction Protection) All HP Heaters Conductivity Probe In Stock In Stock 10 10 10 10 10 10 10 10 10 10 10 10 10 1													
Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - 1J873435072 - Packing Box Ring In Stock 10 10 5 1 10 36 Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - 1H7441X0022 - Bushing Seal In Stock 10 10 5 1 10 36 Tier 1 Critical Spare - Addition to Inventory process in progress Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - 2R6376X0082 - Diaphragm In Stock 10 10 5 1 10 36 Tier 1 Critical Spare - Addition to Inventory process in progress Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - R667X000802 - Repair Kit In Stock 10 10 5 1 10 36 Tier 1 Critical Spare - Addition to Inventory process in progress Tier 1 Critical Spare - Addition to Inventory process in progress Tier 1 Critical Spare - Addition to Inventory process in progress Tier 1 Critical Spare - Addition to Inventory process in progress Tier 1 Critical Spare - Addition to Inventory process in progress Unit 3 H.P. Feedwater System H.P. Heater Controls (Water Induction Protection) All HP Heaters Conductivity Probe In Stock 10 10 10 10 10 10 10 10 10 10 10 10 10 1		•				 							
Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - 1H7441X0022 - Bushing Seal In Stock 10 10 5 1 10 36 Tier 1 Critical Spare - Addition to Inventory process in progress Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - 2R6376X0082 - Diaphragm In Stock 10 10 5 1 10 36 Tier 1 Critical Spare - Addition to Inventory process in progress Fied Water Flow Controls Main Feed Water Control Valve 1 - R667X000802 - Repair Kit In Stock 10 10 5 1 10 36 Tier 1 Critical Spare - Addition to Inventory process in progress Fied Water Flow Controls Main Feed Water Control Valve 1 - R667X000802 - Repair Kit In Stock 10 10 5 1 10 36 Tier 1 Critical Spare - Addition to Inventory process in progress Tier 1 Critical Spare - Addition to Inventory process in progress Conductivity Probe In Stock 10 10 10 10 10 10 10 10 10 10 10 10 10 1									1				
Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - 1H7441X0022 - Bushing Seal In Stock 10 10 5 1 10 36 Tier 1 Critical Spare - Addition to Inventory process in progress Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - 2R6376X0082 - Diaphragm In Stock 10 10 5 1 10 36 Tier 1 Critical Spare - Addition to Inventory process in progress Fied Water Flow Controls Main Feed Water Control Valve 1 - R667X000802 - Repair Kit In Stock 10 10 5 1 10 36 Tier 1 Critical Spare - Addition to Inventory process in progress Fied Water Flow Controls Main Feed Water Control Valve 1 - R667X000802 - Repair Kit In Stock 10 10 5 1 10 36 Tier 1 Critical Spare - Addition to Inventory process in progress Tier 1 Critical Spare - Addition to Inventory process in progress Conductivity Probe In Stock 10 10 10 10 10 10 10 10 10 10 10 10 10 1	Unit 3 H.P. Feedwater System	Feed Water Flow Controls	Main Feed Water Control Valve	1 - 1R290601012 - Packing Set	In Stock			10 10	5	1	10	36	
Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - 2R6376X0082 - Diaphragm In Stock 10 10 5 1 10 36 Tier 1 Critical Spare - Addition to Inventory process in progress Unit 3 H.P. Feedwater System Feed Water Flow Controls Main Feed Water Control Valve 1 - R667X000802 - Repair Kit In Stock 10 10 5 1 10 36 Tier 1 Critical Spare - Addition to Inventory process in progress Tier 1 Critical Spare - Addition to Inventory process in progress Fied Water Induction Protection) All HP Heaters Conductivity Probe In Stock 10 10 10 1 1 10 41 In Stock 10 10 10 1 1 10 41 In Stock													Tier 1 Critical Spare - Addition to Inventory
Unit 3 H.P. Feedwater System H.P. Heater Controls (Water Induction Protection)	Unit 3 H.P. Feedwater System	Feed Water Flow Controls	Main Feed Water Control Valve	1 - 2R6376X0082 - Diaphragm	In Stock	_		10 10	5	1	10	36	Tier 1 Critical Spare - Addition to Inventory
Unit 3 H.P. Feedwater System Protection) All HP Heater's Conductivity Probe In Stock 10 10 10 1 1 10 41 Unit 3 H.P. Feedwater System H.P. Heater Controls (Water Induction Aguarian Alarm Module In Stock 10 10 10 10 1 10 41	Unit 3 H.P. Feedwater System	Feed Water Flow Controls	Main Feed Water Control Valve	1 - R667X000802 - Repair Kit	In Stock			10 10	5	1	10	36	Tier 1 Critical Spare - Addition to Inventory
Unit 3 H.P. Feedwater System I I I I I I I I I I I I I I I I I I I	Unit 3 H.P. Feedwater System	Protection)	All HP Heaters	Conductivity Probe	In Stock			10 10	10	1	10	41	
	Unit 3 H.P. Feedwater System	•		Aquarian Alarm Module	In Stock			10 10	10	1	10	41	

												illing Report
	Asset	1	Define Spares Parts	Price S	pare Parts		Spa	re Pa	t Crit	icalit	У	
System	Sub System	Asset	Defined Spares Parts	Stock Status	Cost	Delivery	Asset Criticality PM / CM	ead Time	Tech Spec	# of suppliers	Ranking	Status Update - October 30, 2015
Unit 3 H.P. Feedwater System	H.P. Heater Controls (Water Induction Protection)		Level Transmitter	In Stock				10		1		
Unit 3 H.P. Feedwater System	H.P. Heaters	Motorized Bypass Valves	10" Dia	In Stock			10 10	10	1	5	36	
Unit 3 H.P. Feedwater System	H.P. Heaters	NRV Valves - #6 HP Heater	6" Dia	In Stock			10 10	10	1	5	36	
Unit 3 H.P. Feedwater System	H.P. Heaters	NRV Valves - #5 HP Heater	8" Dia	In Stock			10 10	10	1	5	36	
Unit 3 H.P. Feedwater System	H.P. Heaters	NRV Valves - #4 HP Heater	10" Dia	In Stock			10 10	10	1	5	36	
Unit 3 H.P. Feedwater System	Boiler Feed	Motorized Discharge Valves	8" Dia Valve	In Stock			10 10	10	1	5	36	
Unit 3 H.P. Feedwater System	Steam Drum	Level Control Transmitters	Transmitter	In Stock			10 10	10	1	5	36	
Unit 3 H.P. Feedwater System	Feed Water Flow Controls	LL Control Valve	Valve	In Stock			10 10	10	1	5	36	
Unit 3 H.P. Feedwater System	Boiler Feed	Suction Line Safety Valve	1/2" Dia	In Stock			10 1	10	1	10	32	
Unit 3 H.P. Feedwater System	Boiler Feed	DA Recirculation Block Valve	Actuator	In Stock			10 10	10	1	10	41	
Generator	Stator	PT Cubicle	Fuse	In Stock			10 1	10	5	10	36	
L.P. Feedwater System	L.P. Heater Controls (Water Induction Protection)		Aquarian Alarm Modules	In Stock			10 10	10	1	10	41	
L.P. Feedwater System	Deaerator System	Level Control	Level Switch	In stock			10 10	10	1	10	41	
Turbine Generator System Stage 2	Turbine Lube Oil System	Auxiliary Oil Pump	See Hitachi Parts List #U3-10 for Pump - 3 recommneded Parts	In Stock			10 1	10	1	10	32	
Unit 3 Air & Flue Gas	Rotary Air Heaters	Pneumatic Drive System	Air Drive Motor	In Stock			10 1	10	1	10	32	
Generator	Seal Oil System	Seals	Regulator	In Stock			10 1	10	5	10	36	Tier 2 Critical Spare - Addition to Inventory process in progress
Turbine Generator System Stage 2	Governor	Governor	See Hitachi Parts List # U3-18 for Speed Governr Aasembly	In Stock			10 10	10	1	10	41	Tier 2 Critical Spare - Addition to Inventory process in progress
Turbine Generator System Stage 2	Governor		See Hitachi Parts List #U3-6 for Load Limit Handwheel Assembly	In Stock			10 10	10	1	10	41	Tier 2 Critical Spare - Addition to Inventory process in progress
Turbine Generator System Stage 2	Governor		See Hitachi Parts List #U3-7 for Speed Load Charger Assembly	In Stock			10 10	10	1	10	41	Tier 2 Critical Spare - Addition to Inventory process in progress
Turbine Generator System Stage 2	Turbine Lube Oil System	Shaft Driven Oil Pump	See Hitachi Parts List #U3-9 for Pump - 6 recommneded Parts	In Stock			10 1	10	1	10	32	Tier 2 Critical Spare - Addition to Inventory process in progress
Circulating Water and Screen Wash System	CW Discharge Valves		36 ' Butterfly Valve	Common Spare	N/A	N/A	10 10	10	1	5	36	Common with Units 1 & 2
Ignitor Light Oil and Air Supply	Light Oil	Trip Valve	1" Ball Valve	Common Spare	N/A	N/A	10 10	10	1	5	36	Tier 2 Critical Spare - Addition to Inventory process in progress
Unit 3 H.P. Feedwater System	H.P. Heater Controls (Water Induction Protection)		Relay	Common Spare	N/A	N/A	10 10	5	1	5	31	Common with Units 1 & 2
Unit 3 H.P. Feedwater System	H.P. Heater Controls (Water Induction Protection)		Solenoid	Common Spare	N/A	N/A	10 10	10	1	10	41	Common with Units 1 & 2
L.P. Feedwater System	L.P. Heater Controls (Water Induction Protection)		Solenoid	Duplicate	N/A	N/A	10 10			10		Duplicate
L.P. Feedwater System	Deaerator System	Level Control	Solenoid	Duplicate	N/A	N/A	10 10	10	1	10	41	Duplicate
Generator	Rotor		Rotor	Not in Stock	N/A	N/A	10 1	10	5	10	36	Predictive and preventative maintenance plus condition monitoring and condition assessments are used to maintain and extend the life of the generator.
Generator	Rotor	Rotor Poles		Not in Stock	N/A	N/A	10 1	10	5	10	36	Predictive and preventative maintenance plus condition monitoring and condition assessments are used to maintain and extend the life of the generator.

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												ming report
	Asset		Define Spares Parts	Price S	pare Parts		Spa	re Pai	rt Crit	icality	/	
System	Sub System	Asset	Defined Spares Parts	Stock Status	Cost	Delivery	Asset Criticality PM / CM	Lead Time	Tech Spec	# of suppliers	Ranking	Status Update - October 30, 2015
Generator	Stator		Stator and Brush Rigging Assembly	Not in Stock	N/A	N/A	10 1	10		10	36	Predictive and preventative maintenance plus condition monitoring and condition assessments are used to maintain and extend the life of the generator.
Generator	Stator		Stator and Brush Rigging Assembly	Not in Stock	N/A	N/A	10 1	10	1	10	32	Predictive and preventative maintenance plus condition monitoring and condition assessments are used to maintain and extend the life of the generator.
Generator	Stator	Stator Poles		Not in Stock	N/A	N/A	10 1	10	5	10	36	Predictive and preventative maintenance plus condition monitoring and condition assessments are used to maintain and extend the life of the generator.
Powerhouse and Switchyard Single Line	258V DC System	Rectifying Transformer	Rectifying Transformer	Not in Stock	N/A	N/A	10 1	10	1	10	32	Capital Project in 2016
Powerhouse and Switchyard Single Line	258V DC System	Charger	Breaker	Not in Stock	N/A	N/A	10 1	10	1	10	32	Capital Project in 2016
Powerhouse and Switchyard Single Line	258V DC System		Charger	Not in Stock	N/A	N/A	10 1	10	1	10	32	Capital Project in 2016
Generator	Stator	Stand Off Insulators		Not in Stock - on Order	Capital Spare	Capital Spare	10 1	10	5	10	36	Tier 2 Critical Spare - Additional Engineering Required
Turbine Generator System Stage 2	Governor	Mechanical Overspeed Trip Device	See Emergency Governor OEM Parts List #U3-17	Not in Stock	N/A	N/A	10 1	10	1	10	32	Not practical to have in stock as device requires calibration prior to replacement.

Control Cont		Ass	sset		Define Spares Parts	Price S	Spare Parts			Spare				duniess Flammig Report
Section Board 505 12 1 1 1 1 1 1 1 1	System			t				Delivery	cality			bec	suppliers	Status Update - October 30, 2015
Control (18) (18) Cont	100010000													
Control Cont														
Control Security Control Sec														
Decision Review 15 15 15 15 15 15 15 1														
URL 5 crispy In Status 10 1 1 5 5 10 31									10	1	5	5 1	.0 31	
December 10,002-2-1														
Unit Secret (US-217-164) Secretary S									10	1	5	5 1	0 31	
UBS arefuly In Stock 10 1 1 1 1 1 1 1 1														
Section Board (1981/073) Section Board (1981														
Description														
Def Beare UR3 (1775) FOWN relay In Stock 5.0														
Unit Board UB3 (UT1)														
Unit Beard UB3 (UT3)														
CWW3 relay In Stock 10 1 5 5 10 31 Ter 2 Critical Spare - Addition to Inventory process in prog Station Board SB12 (SSB1) SSB-1 Relay In Stock 10 1 5 5 10 31 Ter 2 Critical Spare - Addition to Inventory process in prog Station Board SB12 (SSB1) SSB-1 Relay In Stock 10 1 5 5 10 31 Ter 2 Critical Spare - Addition to Inventory process in prog Station Board SB12 (SSB1) SSB-1 Relay In Stock 10 1 5 5 10 31 Ter 2 Critical Spare - Addition to Inventory process in prog Station Board SB12 (SSB1) SSB-1 Relay In Stock 10 1 5 5 10 31 Ter 2 Critical Spare - Addition to Inventory process in prog Station Board SB12 (SSB1) SSB-1 Relay In Stock 10 1 5 5 10 31 Ter 2 Critical Spare - Addition to Inventory process in prog Station Board SB12 (SSB1) SSB-1 Relay In Stock 10 1 5 5 10 31 Ter 2 Critical Spare - Addition to Inventory process in prog Station Board SB12 (SSB1) SSB-1 Relay In Stock 10 1 5 5 10 31 Ter 2 Critical Spare - Addition to Inventory process in prog Station Board SB12 (SSB1) SSB-1 Relay In Stock 10 1 5 5 10 31 Ter 2 Critical Spare - Addition to Inventory process in prog Station Board SB12 (SSB1) SSB-1 Relay In Stock 10 1 5 5 10 31 Ter 2 Critical Spare - Addition to Inventory process in prog Station Board SB12 (SSB1) SSB-1 Relay In Stock 10 1 5 5 10 31 Ter 2 Critical Spare - Addition to Inventory process in prog Station Board SB12 (SSB1) Station Board SB12 (SSB1														
Feeder to Station Board SB12 (SSB1)														
SSB-1 Relay In Stock 10 1 5 5 10 31 Ter 2 Critical Spare - Addition to Inventory process in progress in progress in progress in progress in progress in Station Board SB12 (SSB1) SSB-1 Relay In Stock 10 1 5 5 10 31 Ter 2 Critical Spare - Addition to Inventory process in progress in progress in progress in progress in Station Board SB12 (SSB1) SSB-1 Relay In Stock 10 1 5 5 10 31 Ter 2 Critical Spare - Addition to Inventory process in progress in progress in progress in Station Board SB12 (SSB1) SSB-1 Relay In Stock 10 1 5 5 10 31 Ter 2 Critical Spare - Addition to Inventory process in progress in progress in progress in Station Board SB12 (SSB1) SSB-1 Relay In Stock 10 1 5 5 10 31 Ter 2 Critical Spare - Addition to Inventory process in progress in progress in progress in Stock 10 1 5 5 10 31 Ter 2 Critical Spare - Addition to Inventory process in progress in Progr	33 (UT3)				CWW3 relay	In Stock			10	1	5	5 1	0 31	
Station Board SB12 (SSB1) SSB-1 Relay In Stock 10 1 5 5 10 31 Tier 2 Critical Spare - Addition to Inventory process in progress in progress of	l SB12 (SSB1)					In Stock			10	1	5	5 1	.0 31	Tier 2 Critical Spare - Addition to Inventory process in progress
Station Board SB12 (SSB1) SSB-1 Relay In Stock 10	I SB12 (SSB1)				SSB-1 Relay	In Stock			10	1	5	5 1	.0 31	Tier 2 Critical Spare - Addition to Inventory process in progress
Station Board SB12 (SSB1) SSB-3 Relay In Stock 10 1 5 5 10 31 Tier 2 Critical Spare - Addition to Inventory process in progress in progress in progress in progress in Station Board SB12 (SSB1) Aux Transformer ATC - SSB3 Class Cl	i SB12 (SSB1)				SSB-1 Relay	In Stock			10	1	5	5 1	.0 31	Tier 2 Critical Spare - Addition to Inventory process in progress
Station Board SB12 (SSB1) Aux Transformer ATC- SSB3 Unit Aux Transformer (UAT3) Unit Board UB3 (UT3) Unit Board UB3 (UT3) Unit Board SB12 (SSB1) Aux Transformer ATC- SSB3 Feeder to Power Centrer - breaker C1 In Stock In	i SB12 (SSB1)				SSB-1 Relay	In Stock			10	1	5	5 1	.0 31	Tier 2 Critical Spare - Addition to Inventory process in progress
Station Board SB12 (SSB1) Aux Transformer ATC - SSB3 (STB1) Au	J SB12 (SSB1)				SSB-3 Relay	In Stock			10	1	5	5 1	.0 31	Tier 2 Critical Spare - Addition to Inventory process in progress
Unit Board UB3 (UT3) [UAT3) Aux Foard UAB3 (UAB3) Relays In Stock 10 1 5 5 10 31 Feeder to Power Centre - breaker C1 Station Board SB12 (SSB1) Aux Transformer ATC - SSB3 Aux Transformer ATC - SSB3 Aux Transformer ATC - Power Centre C SAB12 (C1) Aux Transformer ATC - SSB3 Aux Transformer ATC - SSB3 Feeder to MCC C1 - breaker C2 In Stock 10 1 5 5 10 31 Tier 2 Critical Spare - Addition to Inventory process in program of the p		(Al	lternate Feed Tie Breaker		Relays	In Stock			10	1	5	5 1	.0 31	
Station Board SB12 (SSB1) Aux Transformer ATC - SSB3 Feeder to MCC C1 - breaker C2 In Stock			ux Board UAB3 (UAB3)		Relays	In Stock			10	1	5	5 1	.0 31	
SSB3 POWER CENTER C SAB12 (C.1) Freeder to MICC C1 - Disease C 2 III SLOCK 10 1 1 5 5 10 31 Tier 2 Critical Spare - Addition to Inventory process in prog		(Al	lternate Feed Tie Breaker		Feeder to Power Centre - breaker C1	In Stock			10	1	5	5 1	.0 31	Tier 2 Critical Spare - Addition to Inventory process in progress
			ower Center C SAB12 (C1)		Feeder to MCC C1 - breaker C2	In Stock			10	1	5	5 1	.0 31	Tier 2 Critical Spare - Addition to Inventory process in progress
breaker SAT34 & relays breaker SAT34 & relays	I SB34 (ST34)					In Stock			10	1	5	5 1	.0 31	Tier 2 Critical Spare - Addition to Inventory process in progress
Station Board SB34 (ST34) Station Aux Transformer (SAT34) Station Aux Board (SAB34) Station Aux Board (SAB34) Feeder to Station Board - breaker SAB34 In Stock 10 1 5 5 10 31 Tier 2 Critical Spare - Addition to Inventory process in program in Stock			ation Aux Board (SAB34)			In Stock			10	1	5	5 1	.0 31	Tier 2 Critical Spare - Addition to Inventory process in progress
Station Aux Transformer (SAT34) Station Aux Transformer (SAT34) Station Aux Board (SAB34) Station Aux Board (SAB34) Feeder to Station Board - breaker ATB12 In Stock 10 1 5 5 10 31 Tier 2 Critical Spare - Addition to Inventory process in program of the process of the process of the program of the process of the pro			ation Aux Board (SAB34)			In Stock			10	1	5	5 1	.0 31	Tier 2 Critical Spare - Addition to Inventory process in progress
Unit Board UB1 (UB1-2) Common Spare - In Stock 10 1 5 5 10 31 Shares spare with all other P&B Golds devices.	31 (UB1-2)				UB1-4 relay	Common Spare - In Stock			10	1	5	5 1	.0 31	Shares spare with all other P&B Golds devices.
Unit Board UB1 (UB1-2) UB1-9 relay Common Spare - In Stock 10 1 5 5 10 31 Shares spare with all other P&B Golds devices.	31 (UB1-2)				UB1-9 relay	Common Spare - In Stock				-+	+	+	+	
Unit Board UB1-11 relay	31 (UB1-2)				UB1-11 relay	Common Spare - In Stock			10	1	5	5 1	.0 31	Shares spare with all other P&B Golds devices.
Unit Board UB1 (UB1-2) UB13 (Aux Transformer ATA) Power Center A UAB1 (A1) (Alternate Feed Transfer Bus A9) Relays Common Spare - In Stock 10 1 5 5 10 31 Shares spare with all other P&B Golds devices.		(Al	lternate Feed Transfer Bus		Relays	Common Spare - In Stock			10	1	5	5 1	.0 31	Shares spare with all other P&B Golds devices.
Unit Board UB2 (UB2-1) UB2-3 relay Common Spare - In Stock 10 1 5 5 10 31 Shares spare with all other P&B Golds devices.	32 (UB2-1)				UB2-3 relay	Common Spare - In Stock			10	1	5	5 1	0 31	Shares spare with all other P&B Golds devices.
Unit Board UB2 (UB2-1) UB2-4 relay Common Spare - In Stock 10 1 5 5 10 31 Shares spare with all other P&B Golds devices.	32 (UB2-1)				UB2-4 relay	Common Spare - In Stock			10	1	5	5 1	0 31	Shares spare with all other P&B Golds devices.
Unit Board UB2 (UB2-1) UB2-9 relay Common Spare - In Stock 10 1 5 5 10 31 Shares spare with all other P&B Golds devices.	32 (UB2-1)				UB2-9 relay	Common Spare - In Stock			10	1	5	5 1	0 31	Shares spare with all other P&B Golds devices.
Unit Board UB2 (UB2-1) UB2-10 relay Common Spare - In Stock 10 1 5 5 10 31 Shares spare with all other P&B Golds devices.	32 (UB2-1)				UB2-10 relay	Common Spare - In Stock			10	1	5	5 1	0 31	Shares spare with all other P&B Golds devices.

		Asset		Define Spares Parts	Price	Spare Parts			Spare F			veaumess Flammig Report
System		Ass	et	Defined Spares Parts	Stock Status	Cost	Delivery	Asset Criticality	PM / CM	Lead Time	# of suppliers	Status Update - October 30, 2015
Unit Board UB2 (UB2-1)	Aux Transformer ATB (UB22)	Power Center B UAB2 (B1)		Relays	Common Spare - In Stock				1			31 Shares spare with all other P&B Golds devices.
Unit Board UB3 (UT3)	Unit Aux Transformer (UAT3)	Aux Board UAB3 (UAB3)		Relays	Common Spare - In Stock			10	1	5 5	10	31 Shares spare with all other P&B Golds devices.
Station Board SB12 (SSB1)	(ONIS)			Feeder to Station Board - breaker SSB-2	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	Shares spare with Feeder to Station Board - breaker SSB-1, 5HK-VR-250-2000A
Station Board SB12 (SSB1)				Feeder to transformer ATC - breaker SSB-3	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	Shares spare with Feeder to Station Board - breaker SSB-1, 5HK-VR-250-2000A
Station Board SB12 (SSB1)				SSB-3 Relay	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31 Shares spare with CGE IAC51 and ICA53 devices - replaced by SEL-551C
Station Board SB12 (SSB1)				Feeder to Station Board - breaker SSB-4	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	Shares spare with Feeder to Station Board - breaker SSB-1, 5HK-VR-250-2000A
Station Board SB12 (SSB1)				SSB-4 Relay	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31 Shares spare with CGE IAC51 and ICA53 devices - replaced by SEL-551C
Station Board SB12 (SSB1)				SSB-4 Relay	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31 Shares spare with CGE IAC51 and ICA53 devices - replaced by SEL-551C
Station Board SB12 (SSB1)	Aux Transformer ATC - SSB3	Power Center C SAB12 (C1) (Alternate Feed Tie Breaker to Transfer Bus C15)		Relays	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31 Shares spare with CGE IAC51 and ICA53 devices - replaced by SEL-551C
Station Board SB12 (SSB1)	Aux Transformer ATC - SSB3	Power Center C SAB12 (C1) (Alternate Feed Tie Breaker to Transfer Bus C15)		Relays	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31 Shares spare with CGE IAC51 and ICA53 devices - replaced by SEL-551C
Station Board SB12 (SSB1)	Aux Transformer ATC - SSB3	Power Center C SAB12 (C1)		Feeder to MCC E1 - breaker C4	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31 Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Station Board SB12 (SSB1)	Aux Transformer ATC - SSB3	Power Center C SAB12 (C1)		Feeder to MCC C12 - breaker C7	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31 Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Station Board SB12 (SSB1)	Aux Transformer ATC - SSB3	Power Center C SAB12 (C1) (Alternate Feed Tie Breaker to Transfer Bus C15)		Feeder to Power Centre - breaker C14	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31 Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Station Board SB12 (SSB1)	Aux Transformer ATC - SSB3	Power Center C SAB12 (C1) (Alternate Feed Tie Breaker to Transfer Bus C15)		Feeder to Power Centre - breaker C15	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31 Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Station Board SB12 (SSB1)	Aux Transformer ATC - SSB3	Power Center C SAB12 (C1) (Alternate Feed Tie Breaker to Transfer Bus C15)		breaker C3	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31 Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Station Board SB12 (SSB1)	Aux Transformer ATC - SSB3	Power Center C SAB12 (C1) (Alternate Feed Tie Breaker to Transfer Bus C15)		breaker C5	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31 Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Station Board SB12 (SSB1)	Aux Transformer ATC - SSB3	Power Center C SAB12 (C1) (Alternate Feed Tie Breaker to Transfer Bus C15)		breaker C6	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31 Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Station Board SB12 (SSB1)	Aux Transformer ATC - SSB3	Power Center C SAB12 (C1) (Alternate Feed Tie Breaker to Transfer Bus C15)		breaker C8	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31 Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Station Board SB12 (SSB1)	Aux Transformer ATC - SSB3	Power Center C SAB12 (C1) (Alternate Feed Tie Breaker to Transfer Bus C15)		breaker C9	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31 Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Station Board SB12 (SSB1)	Aux Transformer ATC - SSB3	Power Center C SAB12 (C1) (Alternate Feed Tie Breaker to Transfer Bus C15)		breaker C10	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31 Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Station Board SB12 (SSB1)	Aux Transformer ATC - SSB3	Power Center C SAB12 (C1) (Alternate Feed Tie Breaker to Transfer Bus C15)		breaker C11	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31 Shares spare re-build kit/critical spares kit with other CGE AK breakers.

		Asset		Define Spares Parts	Price	Spare Parts			Spare P			Report
System		Ass	set	Defined Spares Parts	Stock Status	Cost	Delivery	Asset Criticality	PM / CM	Tech Spec	# of suppliers	Status Update - October 30, 2015
Station Board SB12 (SSB1)	Aux Transformer ATC - SSB3	Power Center C SAB12 (C1) (Alternate Feed Tie Breaker to Transfer Bus C15)		breaker C12	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10	S1 Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Station Board SB12 (SSB1)	Aux Transformer ATC - SSB3	Power Center C SAB12 (C1) (Alternate Feed Tie Breaker to Transfer Bus C15)		breaker C13	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10	S1 Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Station Board SB12 (SSB1)	Aux Transformer ATC - SSB3	Power Center C SAB12 (C1)	Diesel Bus DB12 (Alternate Feeds Diesel Generator D1, Diesel Bus Tie, Tie Breaker to Transfer Bus C15)	Circuit Breaker to Bus - breaker C16	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10	S1 Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Station Board SB12 (SSB1)	Aux Transformer ATC - SSB3	Power Center C SAB12 (C1)	Diesel Bus DB12 (Alternate Feeds Diesel Generator D1, Diesel Bus Tie, Tie Breaker to Transfer Bus C15)	Circuit Breaker to Bus - breaker C17	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10	Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Station Board SB12 (SSB1)	Aux Transformer ATC - SSB3	Power Center C SAB12 (C1)	Diesel Bus DB12	Feeder to MCC - breaker C18	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10	Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Station Board SB12 (SSB1)	Aux Transformer ATC - SSB3	Power Center C SAB12 (C1)	Diesel Bus DB12 (Alternate Feeds Diesel Generator D1, Diesel Bus Tie, Tie Breaker to Transfer Bus C15)	Circuit Breaker to Bus - breaker C19	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10	Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Station Board SB34 (ST34)				Feeder to Station Board - breaker ST34 & relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10	Shares spare with Feeder to Station Board - breaker SSB-1, 5HK-VR-250- 2000A
Station Board SB34 (ST34)				breaker ST34 relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10	Shares spare with CGE IAC51 and ICA53 devices - replaced by SEL-551C
Station Board SB34 (ST34)				breaker ST34 relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10	S1 Shares spare with CGE IAC51 and ICA53 devices - replaced by SEL-551C
Station Board SB34 (ST34)				Feeder to Station Board - breaker TB12 & relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10	Shares spare with Feeder to Station Board - breaker SSB-1, 5HK-VR-250- 2000A
Station Board SB34 (ST34)				breaker TB12 relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10	S1 Shares spare with MAVS devices - replaced by ABB SYN5201-0271
Station Board SB34 (ST34)				breaker TB12 relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10	S1 Shares spare with other Westinghouse relays - replaced by ABB SPAU121C
Station Board SB34 (ST34)				breaker TB12 relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10	Shares spare with CGE IAC51 and ICA53 devices - replaced by SEL-551C
Station Board SB34 (ST34)				breaker TB12 relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10	Shares spare with CGE IAC51 and ICA53 devices - replaced by SEL-551C
Station Board SB34 (ST34)				breaker SAT34 relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10	Shares spare with CGE IAC51 and ICA53 devices - replaced by SEL-551C
Station Board SB34 (ST34)				breaker SAT34 relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10	Shares spare with CGE IAC51 and ICA53 devices - replaced by SEL-551C
Station Board SB34 (ST34)				breaker PSM3 & relay	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10	Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR- 250-1200A
Station Board SB34 (ST34)	TB3 (Tie Breaker Between Station Board SB34 & Unit Board UB3)			Circuit Breaker TB3	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10	Shares spare with Feeder to Station Board - breaker SSB-1, 5HK-VR-250- 2000A
Station Board SB34 (ST34)	TB3 (Tie Breaker Between Station Board SB34 & Unit Board UB3)			TB3 relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10	Stares spare with CGE IACS1 and ICAS3 devices - replaced by SEL-551C
Station Board SB34 (ST34)	TB3 (Tie Breaker Between Station Board SB34 & Unit Board UB3)			TB3 relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10	Shares spare with CGE IACS1 and ICAS3 devices - replaced by SEL-551C
Station Board SB34 (ST34)	TB3 (Tie Breaker Between Station Board SB34 & Unit Board UB3)			TB3 relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10	S1 Shares spare with other Westinghouse relays - replaced by ABB SPAU121C
Station Board SB34 (ST34)	TB3 (Tie Breaker Between Station Board SB34 & Unit Board UB3)			TB3 relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10	S1 Shares spare with other Westinghouse relays - replaced by ABB SPAU121C

		Asset		Define Spares Parts	Price	Spare Parts			Spare P			Report
System		Ass	set	Defined Spares Parts	Stock Status	Cost	Delivery	Asset Criticality	PM / CM	Tech Spec	# of suppliers	Status Update - October 30, 2015
Station Board SB34 (ST34)	Station Aux Transformer (SAT34)	Station Aux Board (SAB34)		Feeder to Boiler Area MCC BAB3 - breaker SDB-34	Not in Stock - on Order	15,000.00	15/12/23	10	1 !		10	Tier 2 Critical Spare - Addition to Inventory process in progress
Station Board SB34 (ST34)	Station Aux Transformer (SAT34)	Station Aux Board (SAB34)		GPB34	Common Spare - Not in Stock	N/A	N/A	10	1 :	5 5	10 3	Shares spare re-build kit/critical spares kit with other FP breakers.
Station Board SB34 (ST34)	Station Aux Transformer (SAT34)	Station Aux Board (SAB34)		AC34	Common Spare - Not in Stock	N/A	N/A	10	1 !	5 5	10	Shares spare re-build kit/critical spares kit with other FP breakers.
Station Board SB34 (ST34)	Station Aux Transformer (SAT34)	Station Aux Board (SAB34)		CWP34	Common Spare - Not in Stock	N/A	N/A	10	1 !	5 5	10 3	Shares spare re-build kit/critical spares kit with other FP breakers.
Station Board SB34 (ST34)	Station Aux Transformer (SAT34)	Station Aux Board (SAB34)		LDP34	Common Spare - Not in Stock	N/A	N/A	10	1 !	5 5	10 3	Shares spare re-build kit/critical spares kit with other FP breakers.
Station Board SB34 (ST34)	Station Aux Transformer (SAT34)	Station Aux Board (SAB34)		WTP34	Common Spare - Not in Stock	N/A	N/A	10	1 !	5 5	10 3	Shares spare re-build kit/critical spares kit with other FP breakers.
Station Board SB34 (ST34)	Station Aux Transformer (SAT34)	Station Aux Board (SAB34)		Feeder to Diesel Bus DB34 - Breaker DB34	Common Spare - Not in Stock	N/A	N/A	10	1 !	5 5	10	Shares spare re-build kit/critical spares kit with other FP breakers.
Station Board SB34 (ST34)	Station Aux Transformer (SAT34)	Station Aux Board (SAB34)	Diesel Bus DB34 (Alternate Feeds Diesel Generator D2, Diesel Bus Tie)	Feeder to Diesel Bus - D2	Common Spare - Not in Stock	N/A	N/A	10	1 !	5 5	10 3	11 Shares spare re-build kit/critical spares kit with other FP breakers.
Station Board SB34 (ST34)	Station Aux Transformer (SAT34)	Station Aux Board (SAB34)	Diesel Bus DB34 (Alternate Feeds Diesel Generator D2, Diesel Bus Tie)	Feeder to Diesel Bus - DBT	Common Spare - Not in Stock	N/A	N/A	10	1 5	5 5	10 3	11 Shares spare re-build kit/critical spares kit with other FP breakers.
UB1-1 (Tie Breaker Between Station Board SB12 & Unit Board UB1)				Circuit Breaker UB1-1	Common Spare - Not in Stock	N/A	N/A	10	1 !	5 5	10 3	11 Shares spare with Feeder to Station Board - breaker SSB-1.
UB1-1 (Tie Breaker Between Station Board SB12 & Unit Board UB1)				UB1-1 Relay	Common Spare - Not in Stock	N/A	N/A	10	1 !	5 5	10 3	Shares spare with MAVS devices - replaced by ABB SYN5201-0271
UB1-1 (Tie Breaker Between Station Board SB12 & Unit Board UB1)				UB1-1 Relay	Common Spare - Not in Stock	N/A	N/A	10	1 !	5 5	10 3	Shares spare with other Westinghouse relays - replaced by ABB SPAU121C
UB1-1 (Tie Breaker Between Station Board SB12 & Unit Board UB1)				UB1-1 Relay	Common Spare - Not in Stock	N/A	N/A	10	1 !	5 5	10 3	Shares spare with other Westinghouse relays - replaced by ABB SPAU121C
Unit Board UB1 (UB1-2)				Feeder to Unit Board UB1 - breaker UB1-2	Common Spare - Not in Stock	N/A	N/A	10	1 !	5 5	10 3	Shares spare with Feeder to Station Board - breaker SSB-1, 5HK-VR-250- 2000A
Unit Board UB1 (UB1-2)				UB1-2 relays	Common Spare - Not in Stock	N/A	N/A	10	1 !	5 5	10 3	Shares spare with other Westinghouse relays - replaced by ABB SPAU121C
Unit Board UB1 (UB1-2)				UB1-2 relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5 5	10 3	Shares spare with CGE HFA devices
Unit Board UB1 (UB1-2)				UB1-2 relays	Common Spare - Not in	N/A	N/A	10	1 !	5 5	10 3	Shares spare with CGE HFA devices
Unit Board UB1 (UB1-2)				Feeder to transformer ATA - breaker UB1-3	Stock Common Spare - Not in Stock	N/A	N/A	10	1 !	5 5	10 3	Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR- 250-1200A
Unit Board UB1 (UB1-2)				UB1-3 relays	Common Spare - Not in Stock	N/A	N/A	10	1 !	5 5	10 3	Shares spare with CGE IAC51 and ICA53 devices - replaced by SEL-551C
Unit Board UB1 (UB1-2)				UB1-3 relays	Common Spare - Not in Stock	N/A	N/A	10	1 :	5 5	10	Shares spare with CGE IAC51 and ICA53 devices - replaced by SEL-551C
Unit Board UB1 (UB1-2)				breaker UB1-4	Common Spare - Not in Stock	N/A	N/A	10	1 !	5 5	10 3	Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR- 250-1200A
Unit Board UB1 (UB1-2)				breaker UB1-5	Common Spare - Not in Stock	N/A	N/A	10	1 !	5 5	10 3	Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR- 250-1200A
Unit Board UB1 (UB1-2)				breaker UB1-6	Common Spare - Not in Stock	N/A	N/A	10	1 !	5 5	10 3	Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR- 250-1200A
Unit Board UB1 (UB1-2)				breaker UB1-7	Common Spare - Not in Stock	N/A	N/A	10	1 !	5 5	10	Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR- 250-1200A

Unit Board UB1 (UB1-2) UB13 (Aux Transformer ATA) UB13 (Aux Transformer ATA)	Asset As Power Center A UAB1 (A1)	set		Defined Spares Parts Defined Spares Parts breaker UB1-8 breaker UB1-9	Stock Status Common Spare - Not in Stock Common Spare - Not in Stock	Cost N/A	Delivery N/A	Asset Criticality	PM / CM	art Crit	S	Lanking	Shares share with Feeder to transformer SAT2A - breaker SAT2A SHK-VR-
Unit Board UB1 (UB1-2) UB13 (Aux Transformer ATA)	Power Center A HAB1 (A1)	set		breaker UB1-8	Common Spare - Not in Stock	N/A		Asset				31	Shares spare with Feeder to transformer SAT34 - breaker SAT34,5HK-VR-
Unit Board UB1 (UB1-2) Unit Board UB1 (UB1-2) Unit Board UB1 (UB1-2) Unit Board UB1 (UB1-2) UB13 (Aux Transformer ATA)	Power Center A UAB1 (A1)				Stock Common Spare - Not in		N/A	10	1 5	5 5	10		
Unit Board UB1 (UB1-2) Unit Board UB1 (UB1-2) Unit Board UB1 (UB1-2) UB13 (Aux Transformer ATA)	Power Center A UAB1 (A1)			breaker UB1-9		***		П				\neg	250-12000
Unit Board UB1 (UB1-2) Unit Board UB1 (UB1-2) UB13 (Aux Transformer ATA)	Power Center A UAB1 (A1)					N/A	N/A	10	1 5	5 5	10		Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR- 250-1200A
Unit Board UB1 (UB1-2) UB13 (Aux Transformer ATA) UB13 (Aux Transformer	Power Center A UAB1 (A1)			breaker UB1-10	Common Spare - Not in Stock	N/A	N/A	10	1 5	5 5	10	31	Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR- 250-1200A
Unit Board UB1 (UB1-2) ATA) IJR13 (Aux Transformer	Power Center A UAB1 (A1)			breaker UB1-11	Common Spare - Not in Stock	N/A	N/A	10	1 5	5 5	10		Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR- 250-1200A
UB13 (Aux Transformer	(Alternate Feed Transfer Bus A9)			Relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5 5	10	31	Shares spare with CGE IAC51 and ICA53 devices - replaced by SEL-551C
Unit Board UB1 (UB1-2) ATA)	A9)			Relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5 5	10	31	Shares spare with CGE IAC51 and ICA53 devices - replaced by SEL-551C
Unit Board UB1 (UB1-2) UB13 (Aux Transformer ATA)	Power Center A UAB1 (A1) (Alternate Feed Transfer Bus A9)			Feeder to Power Centre A - A1	Common Spare - Not in Stock	N/A	N/A	10	1 5	5 5	10	31	Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Unit Board UB1 (UB1-2) UB13 (Aux Transformer ATA)	Power Center A UAB1 (A1) (Alternate Feed Transfer Bus A9)			Feeder to Power Centre A - A9	Common Spare - Not in Stock	N/A	N/A	10	1 5	5 5	10	31	Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Unit Board UB1 (UB1-2) UB13 (Aux Transformer ATA)	Power Center A UAB1 (A1)			Feeder to transformer LT-A - breaker A3	Common Spare - Not in Stock	N/A	N/A	10	1 5	5 5	10	31	Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Unit Board UB1 (UB1-2) UB13 (Aux Transformer ATA)	Power Center A UAB1 (A1)			Feeder to MCC A1 - breaker A4	Common Spare - Not in Stock	N/A	N/A	10	1 5	5 5	10	31	Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Unit Board UB1 (UB1-2) UB13 (Aux Transformer ATA)	Power Center A UAB1 (A1)			A5	Common Spare - Not in	N/A	N/A	10	1 5	5 5	10	31	Shares spare re-build kit/critical spares kit with other CGE AK breakers.
UB13 (Aux Transformer	Power Center A UAB1 (A1)			A6	Stock Common Spare - Not in	N/A	N/A	10	+	5 5	+		Shares spare re-build kit/critical spares kit with other CGE AK breakers.
UB13 (Aux Transformer	_			A7	Stock Common Spare - Not in	N/A	N/A	10	1 5	5 5	+		Shares spare re-build kit/critical spares kit with other CGE AK breakers.
UB2-12 (Tie Breaker Between Unit Board UB2 & Station Board SB12)				Circuit Breaker UB2-12	Stock Common Spare - Not in Stock	N/A	N/A	10	1 5				Shares spare with Feeder to Station Board - breaker SSB-1.
UB2-12 (Tie Breaker Between Unit Board UB2 & Station Board SB12)				UB2-12 Relay	Common Spare - Not in Stock	N/A	N/A	10	1 5	5 5	10	31	Shares spare with MAVS devices - replaced by ABB SYN5201-0271
UB2-12 (Tie Breaker Between Unit Board UB2 & Station Board SB12)				UB2-12 Relay	Common Spare - Not in Stock	N/A	N/A	10	1 5	5 5	10	31	Shares spare with other Westinghouse relays - replaced by ABB SPAU121C
UB2-12 (Tie Breaker Between Unit Board UB2 & Station Board SB12)				UB2-12 Relay	Common Spare - Not in Stock	N/A	N/A	10	1 5	5 5	10	31	Shares spare with other Westinghouse relays - replaced by ABB SPAU121C
UB2-12 (Tie Breaker Between Unit Board UB2 &	1			UB2-12 Relay	Common Spare - Not in	N/A	N/A	10	1 5	5 5	10	31	Shares spare with other Westinghouse relays - replaced by ABB SPAU121C
Station Board SB12) Unit Board UB2 (UB2-1)			F	Feeder to Unit Board - breaker UB2- 1 & relays	Stock Common Spare - Not in Stock	N/A	N/A	10					Shares spare with Feeder to Station Board - breaker SSB-1.
Unit Board UB2 (UB2-1)				UB2-1 relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5 5	10	31	Shares spare with other Westinghouse relays - replaced by ABB SPAU121C
Unit Board UB2 (UB2-1)				UB2-1 relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5 5	10	31	Shares spare with CGE HFA devices
Unit Board UB2 (UB2-1)				UB2-1 relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5 5	10	31	Shares spare with CGE HFA devices
Unit Board UB2 (UB2-1)			F	Feeder to Transformer ATB, breaker UB2-2	Common Spare - Not in Stock	N/A	N/A	10	1 5	5 5	10		Shares spare with Feeder to transformer SAT34 - breaker SAT34, SHK-VR- 250-1200A
Unit Board UB2 (UB2-1)				UB2-2 relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10	31	Shares spare with CGE IAC51 and ICA53 devices - replaced by SEL-551C
Unit Board UB2 (UB2-1)				UB2-2 relays	Common Spare - Not in	N/A	N/A	10	1 5	5 5	10	31	Shares spare with CGE IAC51 and ICA53 devices - replaced by SEL-551C
Unit Board UB2 (UB2-1)				UB2-3	Stock Common Spare - Not in Stock	N/A	N/A	10	1 5	5 5	10	21	Sharer coars with Fooder to transformer SAT24 breaker SAT24 EUV VP

		Asset		Define Spares Parts	Price	Spare Parts			Spare P			adiness Planning Report
System		Ass	et	Defined Spares Parts	Stock Status	Cost	Delivery	cality	PM / CM		# of suppliers	Status Update - October 30, 2015
Unit Board UB2 (UB2-1)				UB2-4	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10 3	Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR- 250-1200A
Unit Board UB2 (UB2-1)				UB2-5	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10 3	Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR- 250-1200A
Unit Board UB2 (UB2-1)				UB2-6	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10 3	Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR- 250-1200A
Unit Board UB2 (UB2-1)				UB2-7	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10 3	Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR- 250-1200A
Unit Board UB2 (UB2-1)				UB2-8	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10 3	Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR- 250-1200A
Unit Board UB2 (UB2-1)				UB2-9	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10 3	Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR- 250-1200A
Unit Board UB2 (UB2-1)				UB2-10	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10 3	Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR- 250-1200A
Unit Board UB2 (UB2-1)	Aux Transformer ATB (UB22)	Power Center B UAB2 (B1)		Relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10 3	Spares spare with CGE IAC51 and ICA53 devices
Unit Board UB2 (UB2-1)	Aux Transformer ATB (UB22)	Power Center B UAB2 (B1)		Relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10 3	Spares spare with CGE IAC51 and ICA53 devices
Unit Board UB2 (UB2-1)	Aux Transformer ATB (UB22)	Power Center B UAB2 (B1)		Feeder to Power Centre B - breaker B1	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10 3	S1 Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Unit Board UB2 (UB2-1)	Aux Transformer ATB (UB22)	Power Center B UAB2 (B1)		Feeder to transformer LT-B - breaker B4	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10 3	S1 Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Unit Board UB2 (UB2-1)	Aux Transformer ATB (UB22)	Power Center B UAB2 (B1)		Feeder to MCC B1 - breaker B5	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10 3	S1 Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Unit Board UB2 (UB2-1)	Aux Transformer ATB (UB22)	Power Center B UAB2 (B1)		B2	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10 3	Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Unit Board UB2 (UB2-1)	Aux Transformer ATB (UB22)	Power Center B UAB2 (B1)		B6	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10 3	Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Unit Board UB2 (UB2-1)	Aux Transformer ATB (UB22)	Power Center B UAB2 (B1)		B7	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10 3	Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Unit Board UB2 (UB2-1)	Aux Transformer ATB (UB22)	Power Center B UAB2 (B1)		B8	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10 3	S11 Shares spare re-build kit/critical spares kit with other CGE AK breakers.
Unit Board UB3 (UT3)				Feeder to Unit Board - breaker UT3	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10 3	S1 Shares spare with Feeder to Station Board - breaker SSB-1.
Unit Board UB3 (UT3)				UT3 relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10 3	31 Shares spare with other Westinghouse relays - replaced by ABB SPAU121C
Unit Board UB3 (UT3)				UT3 relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10 3	Shares spare with CGE IAC51 and ICA53 devices - replaced by SEL-551C
Unit Board UB3 (UT3)				UT3 relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10 3	S11 Shares spare with CGE IAC51 and ICA53 devices - replaced by SEL-551C
Unit Board UB3 (UT3)				Feeder to transformer UAT3 - breaker UAT3	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10 3	Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR- 250-1200A
Unit Board UB3 (UT3)				UAT3 Relays	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10 3	Shares spare with CGE IAC51 and ICA53 devices - replaced by SEL-551C
Unit Board UB3 (UT3)				UAT3 Relays	Common Spare - Not in Stock	N/A	N/A	10	1 5			Shares spare with CGE IAC51 and ICA53 devices - replaced by SEL-551C
Unit Board UB3 (UT3)				BFE3	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10 3	Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR- 250-1200A
Unit Board UB3 (UT3)				BFW3	Common Spare - Not in Stock	N/A	N/A	10	1 5	5	10 3	Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR- 250-1200A

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Asset Define Spares Parts Price Spare Parts Spare Part Criticality														aumess Flamming Report
		Asset			Define Spares Parts	Price S	Spare Parts		5	pare F	Part Cri	ticalit	у	
System		Ass	et		Defined Spares Parts	Stock Status	Cost	Delivery	Asset Criticality	PM / CM	Lead Time Tech Spec	# of suppliers	Ranking	Status Update - October 30, 2015
Unit Board UB3 (UT3)					FDE3	Common Spare - Not in Stock	N/A	N/A	10					Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR-250-1200A
Unit Board UB3 (UT3)					FDW3	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31	Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR- 250-1200A
Unit Board UB3 (UT3)					CEN3	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31	Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR- 250-1200A
Unit Board UB3 (UT3)					CES3	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31	Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR- 250-1200A
Unit Board UB3 (UT3)					CWE3	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31	Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR- 250-1200A
Unit Board UB3 (UT3)					CWW3	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31	Shares spare with Feeder to transformer SAT34 - breaker SAT34, 5HK-VR- 250-1200A
Unit Board UB3 (UT3)	Unit Aux Transformer (UAT3)	Aux Board UAB3 (UAB3)			Relays	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31	Shares spare with other Westinghouse relays - replaced by ABB SPAU121C
Unit Board UB3 (UT3)	Unit Aux Transformer (UAT3)	Aux Board UAB3 (UAB3)			Relays	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31	Shares spare with CGE IAC51 and ICA53 devices - replaced by SEL-551C
Unit Board UB3 (UT3)	Unit Aux Transformer (UAT3)	Aux Board UAB3 (UAB3)			Feeder to Aux Board - breaker UAB-	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31	Shares spare re-build kit/critical spares kit with other FP breakers.
Unit Board UB3 (UT3)	Unit Aux Transformer (UAT3)	Aux Board UAB3 (UAB3)			Feeder to transformer LDP-3 - breaker LDP-3	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31	Shares spare re-build kit/critical spares kit with other FP breakers.
Unit Board UB3 (UT3)	Unit Aux Transformer (UAT3)	Aux Board UAB3 (UAB3)			Feeder to MCC BAB3 - breaker BAB- 3	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31	Shares spare re-build kit/critical spares kit with other FP breakers.
Unit Board UB3 (UT3)	Unit Aux Transformer (UAT3)	Aux Board UAB3 (UAB3)			AOP3	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31	Shares spare re-build kit/critical spares kit with other FP breakers.
Unit Board UB3 (UT3)	Unit Aux Transformer (UAT3)	Aux Board UAB3 (UAB3)			TAB3	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31	Shares spare re-build kit/critical spares kit with other FP breakers.
Unit Board UB3 (UT3)	Unit Aux Transformer (UAT3)	Aux Board UAB3 (UAB3)			AC12	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31	Shares spare re-build kit/critical spares kit with other FP breakers.
Unit Board UB3 (UT3)	Unit Aux Transformer (UAT3)	Aux Board UAB3 (UAB3)	_		Tie Breaker to Station Board - breaker ATB3	Common Spare - Not in Stock	N/A	N/A	10	1	5 5	10	31	Shares spare re-build kit/critical spares kit with other FP breakers.
Station Board SB34 (ST34)	Station Aux Transformer (SAT34)	Station Aux Board (SAB34)			WAM34	Not in Stock - on Order	15,000.00	15/12/23	10	1	5 5	10	31	Tier 2 Critical Spare - Addition to Inventory process in progress

APPENDIX F
Critical Spares Status Listing – Hardwoods/Stephenville CTs December 1, 2015

		December 2015	update
		Expected Delivery	Exposure for winter 2015/2016
Recommended Component	Updated Stock Status	Date	based on current plan
High Energy Ignition Unit, Gas Generator, Prime Mover Systems			
	In Stock	N/A	Med
Fire Fuel Shutoff Valve (LF-8), Liquid Fuel System, Auxiliary Systems	In Stock	N/A	Low
Bearing (494047), Power Turbine Model CT2, Prime Mover Systems	In Stock	N/A	Low
Bearing (494056), Power Turbine Model CT2, Prime Mover Systems	In Stock	N/A	Low
Vibration Transducer, Gas Generator, Prime Mover Systems	In Stock	N/A	Low
Jacking Oil Pump, Main Lube Oil System, Auxiliary Systems	In Stock	N/A	Low
Fuel Filter, Gas Generator, Prime Mover Systems	In Stock	N/A	Low
Oil Filter Unit - Complete (B.108506), Gas Generator, Prime Mover Systems	In Stock	N/A	Low
Filter (494064), Power Turbine Model CT2, Prime Mover Systems	In Stock	N/A	Low
Proximity Switch, Clutch, Prime Mover Systems	In Stock	N/A	Low
Altair Quick Shutoff Valve (AV-LF-1), Liquid Fuel System, Auxiliary Systems	In Stock	N/A	Low
Fuel Valve (FC-LF-1), Liquid Fuel System, Auxiliary Systems	In Stock	N/A	Low
Supplemental Fuel AC Pump (P&MLF-5), Liquid Fuel System, Auxiliary Systems	In Stock	N/A	Low
Fuel Recirculation Solenoid Valve (LF-7), Liquid Fuel System, Auxiliary Systems	In Stock	N/A	Low
Fuel Regulator (LF-4), Liquid Fuel System, Auxiliary Systems	In Stock	N/A	Low
Jacking Oil Permissive Pressure Switch, Main Lube Oil System, Auxiliary Systems	In Stock	N/A	Low
Clutch Control Solenoid Valve (LO-6), Main Lube Oil System, Auxiliary Systems,			
SVL GT	In Stock	N/A	Low
Clutch Control Solenoid Valve (LO-6), Main Lube Oil System, Auxiliary Systems,			
HWD GT	In Stock	N/A	Low
Valve (181536), Power Turbine Model CT2, Prime Mover Systems	In Stock	N/A	Low
Primary Ratchet Ring, Clutch, Prime Mover Systems; A side	In Stock	N/A	Low
Primary Ratchet Ring, Clutch, Prime Mover Systems; B side	In Stock	N/A	Low

	December 2015 update										
		Expected Delivery	Exposure for winter 2015/2016								
Recommended Component	Updated Stock Status	Date	based on current plan								
Secondary Ratchet Ring, Clutch, Prime Mover Systems; A side	In Stock	N/A	Low								
Secondary Ratchet Ring, Clutch, Prime Mover Systems; B side	In Stock	N/A	Low								
Ring that the Primary Pawl and spring are installed	In Stock	N/A	Low								
Primary Pawl Spring, Clutch, Prime Mover Systems	In Stock	N/A	Low								
Primary Pawl, Clutch, Prime Mover Systems	In Stock	N/A	Low								
Secondary Pawl, Clutch, Prime Mover Systems	In Stock	N/A	Low								
Limit Switch, Snow Door Assembly, Exhaust, Prime Mover Systems, SVL GT	In Stock	N/A	Low								
Proximity Switch, Snow Door Assembly, Exhaust, Prime Mover Systems, HWD GT	In Stock	N/A	Low								
NC Solenoid Valve (SV-CA-2), Gas Generator Air Starter System, Auxiliary Systems	In Stock	N/A	Low								
NO Solenoid Valve (SV-CA-1), Gas Generator Air Starter System, Auxiliary Systems	In Stock	N/A	Low								
Starter Control Valve (CA-17), Gas Generator Air Starter System, Auxiliary Systems	In Stock	N/A	Low								
3-Way Thermostatic Valve (GL-2), MLO/Glycol Cooling System, Auxiliary Systems	In Stock	N/A	Low								
Thermocouple (181398N1), Power Turbine Model CT2, Prime Mover Systems	In Stock	N/A	Low								
Speed Pickup (181487), Power Turbine Model CT2, Prime Mover Systems	In Stock	N/A	Low								
Vibration Pickup (181571), Power Turbine Model CT2, Prime Mover Systems	In Stock	N/A	Low								
Thermocouple (181397), Power Turbine Model CT2, Prime Mover Systems	In Stock	N/A	Low								
Thermocouple (181398N2), Power Turbine Model CT2, Prime Mover Systems	In Stock	N/A	Low								

		December 2015	update
		Expected Delivery	Exposure for winter 2015/2016
Recommended Component	Updated Stock Status	Date	based on current plan
Probe (181414N1), Power Turbine Model CT2, Prime Mover Systems	In Stock	N/A	Low
Probe (181414N2), Power Turbine Model CT2, Prime Mover Systems			
	In Stock	N/A	Low
Thermocouple (184847), Power Turbine Model CT2, Prime Mover Systems	In Stock	N/A	Low
Motor Operated Tank Shutoff Valve (LF-38), Liquid Fuel System, Auxiliary			
Systems, HWD GT	In Stock	N/A	Med
Final Fuel Filter (F-LF-1), Liquid Fuel System, Auxiliary Systems	In Stock	N/A	Low
Heater Filter Coalescer, Liquid Fuel System, Auxiliary Systems	In Stock	N/A	Low
Prefilter, Liquid Fuel System, Auxiliary Systems	In Stock	N/A	Low
Supplemental Fuel Filter (F-LF-5), Liquid Fuel System, Auxiliary Systems	In Stock	N/A	Low
High Efficiency Farr HP-100 Filter (2'x2'x2"), Filter Box - Curtiss Wright, Prime			
Mover Systems	In Stock	N/A	Low
Filter (F-GGLO-1), Gas Generator Lube Oil System, Auxiliary Systems	In Stock	N/A	Low
Unloading Filter, Liquid Fuel System, Auxiliary Systems, SVL GT	In Stock	N/A	Low
Duplex 25u Filter (F-LO-1), Main Lube Oil System, Auxiliary Systems	In Stock	N/A	Low
Filter/Coalescer Heater (HTR-LF-1), Liquid Fuel System, Auxiliary Systems,			
HWD GT	In Stock	N/A	Low
P3 Pressure Transducer (PT-P3-1), Liquid Fuel System, Auxiliary Systems			
rs riessure transducer (ri-rs-1), Liquid ruei system, Adxillary systems	In Stock	N/A	Low
Common Drain Clutch A Thermocouple (TC-LO-3), Main Lube Oil System,			
Auxiliary Systems, SVL GT		,	
, . ,	In Stock	N/A	Low
Fuel Supply Thermocouple (TC-LF-1), Liquid Fuel System, Auxiliary Systems,			
SVL GT	In Stock	N/A	Low
Alternator Bearing Drain Oil Thermocouple (TC-LO-3), Main Lube Oil System,		, , , , , , , , , , , , , , , , , , ,	
Auxiliary Systems, HWD GT	In Stock	N/A	Low

		December 2015	update
		Expected Delivery	Exposure for winter 2015/2016
Recommended Component	Updated Stock Status	Date	based on current plan
Alternator Cooling Air Temperature Thermocouple (TC-A-1), Alternator			
Cooling System, Auxiliary Systems, SVL GT	In Stock	N/A	Low
Common Drain Clutch B Thermocouple (TC-LO-11), Main Lube Oil System,			
Auxiliary Systems, SVL GT	In Stock	N/A	Low
Compressor Start-Stop Pressure Switch (PS-CA-1), Gas Generator Air Starter			
System, Auxiliary Systems	In Stock	N/A	Low
Compressor Start-Stop Pressure Switch (PS-CA-2), Gas Generator Air Starter			
System, Auxiliary Systems	In Stock	N/A	Low
Oil Drain Alternator Clutch Bearing 1 Thermocouple (TC-LO-4), Main Lube Oil			
System, Auxiliary Systems, SVL GT	In Stock	N/A	Low
Oil Drain Alternator Clutch Bearing 2 Thermocouple (TC-LO-5), Main Lube Oil			
System, Auxiliary Systems, SVL GT	In Stock	N/A	Low
Oil Drain Alternator Clutch Bearing 3 Thermocouple (TC-LO-6), Main Lube Oil			
System, Auxiliary Systems, SVL GT	In Stock	N/A	Low
Oil Drain Alternator Clutch Bearing 4 Thermocouple (TC-LO-7), Main Lube Oil			
System, Auxiliary Systems, SVL GT	In Stock	N/A	Low
Oil Drain Alternator Clutch Bearing 5 Thermocouple (TC-LO-8), Main Lube Oil			
System, Auxiliary Systems, SVL GT	In Stock	N/A	Low
Oil Drain Alternator Clutch Bearing 6 Thermocouple (TC-LO-9), Main Lube Oil			
System, Auxiliary Systems, SVL GT	In Stock	N/A	Low
Oil Drain Exciter Bearing 7 Thermocouple (TC-LO-10), Main Lube Oil System,			
Auxiliary Systems, SVL GT	In Stock	N/A	Low
Oil Drain Thermocouple (TC-LO-2), Main Lube Oil System, Auxiliary Systems,			
HWD GT	In Stock	N/A	Low
Oil Supply Thermocouple (TC-GGLO-1), Gas Generator Lube Oil System,			
Auxiliary Systems			
Auxiliary Systems	In Stock	N/A	Low
Oil Supply Thermocouple (TC-LO-1), Main Lube Oil System, Auxiliary Systems			
	In Stock	N/A	Low
Anti-Icing Hot Air Valve - Complete (810-501-0747), Gas Generator, Prime			
Mover Systems	In Stock	N/A	Low

		December 2015	update
		Expected Delivery	Exposure for winter 2015/2016
Recommended Component	Updated Stock Status	Date	based on current plan
Gas Generator Permissive Start Pressure Switch, Gas Generator Air Starter			
System, Auxiliary Systems	In Stock	N/A	Low
Starter Overpressure Pressure Switch (PS-CA-3), Gas Generator Air Starter System, Auxiliary Systems			
System, Adminity Systems	In Stock	N/A	Low
Pressure Regulating Valve (LO-8), Main Lube Oil System, Auxiliary Systems			
	In Stock	N/A	Low
Inlet Temperature Thermocouple, Gas Generator Enclosure with Septum			
Doors, Prime Mover Systems	In Stock	N/A	Low
Resistance Temperature Detector Probe, Gas Generator Enclosure with			
Septum Doors, Prime Mover Systems	In Stock	N/A	Low
NC Solenoid Valve (SV-CA-3), Gas Generator Air Starter System, Auxiliary			
Systems	In Stock	N/A	Low
Fuel Temperature Sensor (TS-LF-1), Liquid Fuel System, Auxiliary Systems			
	In Stock	N/A	Low
Liquid Fuel Burner - Complete (BDC.3026), Gas Generator, Prime Mover	In Stock	N/A	Lou
Systems	III Stock	IN/ A	Low
Oil Pump - Complete, Gas Generator, Prime Mover Systems			
	In Stock	N/A	Low
Outer Oil Pump Drive Assembly (47-1-1-006409), Gas Generator, Prime Mover			
Systems	In Stock	N/A	Low
Outer Starter Drive Assembly (BDA.1153), Gas Generator, Prime Mover			
Systems	In Stock	N/A	Low

		update	
		Expected Delivery	Exposure for winter 2015/2016
Recommended Component	Updated Stock Status	Date	based on current plan
Scavenge Pump Assembly (47-1-1-006418), Gas Generator, Prime Mover			
Systems	In Stock	N/A	Low
HP Compressor Magnetic Pickup, Gas Generator, Prime Mover Systems			
	In Stock	N/A	Low
LP Compressor Magnetic Pickup, Gas Generator, Prime Mover Systems	la Charle	21/2	
	In Stock	N/A	Low
Inertial Filter Element, Filter Box - Curtiss Wright, Prime Mover Systems	In Stock	N/A	Low
Pressure Switch, Trip - Low Fuel Pressure (PS-LF-3), Liquid Fuel System, Auxiliary Systems	In Stock	N/A	Low
Low Oil Pressure Switch (PS-GGLO-2), Gas Generator Lube Oil System,	III Stock	N/A	LOW
Auxiliary Systems	In Stock	N/A	Low
Pressure Switch, Permissive Start - Low Pressure Alarm (PS-LF-2), Liquid Fuel System, Auxiliary Systems			
	In Stock	N/A	Low
Low Trip Pressure Switch (PS-LO-7), Main Lube Oil System, Auxiliary Systems	In Stock	N/A	Low
Start Darweissing Drassure Switch /DS LO C) Main Lube Oil Systems Auxilians			
Start Permissive Pressure Switch (PS-LO-6), Main Lube Oil System, Auxiliary Systems, SVL GT	In Stock	N/A	Low
Low Oil Pressure Switch (PS-GGLO-1), Gas Generator Lube Oil System, Auxiliary Systems			
	In Stock	N/A	Low
AC Pump Discharge Fuel Pressure Switch (PS-LF-4), Liquid Fuel System, Auxiliary Systems, HWD GT	ام دخت ا	NI/A	Levi
	In Stock	N/A	Low

	December 2015 update				
		Expected Delivery	Exposure for winter 2015/2016		
Recommended Component	Updated Stock Status	Date	based on current plan		
Pressure Switch (PS-HO-1), Liquid Fuel System, Auxiliary Systems					
	In Stock	N/A	Low		
Heater Control Temperature Switch (TS-GGLO-1), Gas Generator Lube Oil					
System, Auxiliary Systems	In Stock	N/A	Low		
Heater Control Temperature Switch (TS-LO-1), Main Lube Oil System, Auxiliary					
Systems	In Stock	N/A	Low		
Filter Upstream Pressure Switch (PS-GGLO-3), Gas Generator Lube Oil System,					
Auxiliary Systems	In Stock	N/A	Low		

		December 2015 update		date
Recommended Component	Risk Score	Updated Stock Status	Expected Delivery Date	Exposure for winter 2015/2016 based on current plan
Final Fuel Filter Differential Pressure Switch (PSD-LF-1), Liquid Fuel System, Auxiliary Systems	Medium	On order	December 8 2015	Low
Pre-filter Differential Pressure Switch (PSD-LF-2), Liquid Fuel System, Auxiliary Systems, HWD GT	Medium	On Order	December 8 2015	Low
Filter Differential Pressure Switch (PSD-LO-1), Main Lube Oil System, Auxiliary Systems	Medium	On Order	December 8 2015	Low

			December 2015 update			
		Spare Cost	Updated Stock	Expected Delivery	Exposure for winter 2015/2016	
Recommended Component	Risk Score	>\$50,000	Status	Date	based on current plan	
Combustion Chamber, Gas Generator, Prime Mover Systems	Medium	Υ	On Order	December, 2015	Low	
Lower Fuel Pump Assembly, Gas Generator, Prime Mover Systems	Medium	v	On Order	December, 2015	Low	
Outer Fuel Pump Drive Assembly (BDA.7591), Gas Generator, Prime Mover Systems	Medium	N	On Order	December, 2015	Low	
Upper Fuel Pump Assembly, Gas Generator, Prime Mover Systems	Medium	Y	On Order	December, 2015	Low	
Exciter Bearing, 63MVA 50MW Generator, Power Generation						
Systems	High	N	On Order	December, 2015	Low	
Rotor Bearing, 63MVA 50MW Generator, Power Generation Systems	High	N	On Order	December, 2015	Low	
Bearing (181413 or 181332), Power Turbine Model CT2, Prime Mover Systems	Medium	N	On Order	December, 2015	Low	

		December 2015 update			
			Expected Exposure for winter 2015,		
Recommended Component	Risk Score	Updated Stock Status	Delivery Date	based on current plan	
Fuel Pump Servo Valve (SV-LF-1), Liquid Fuel System, Auxiliary		In-kind part unavailable -			
Systems	Medium	reengineering required	TBD	Low	
DC Pump Start Pressure Switch (PS-LO-2), Main Lube Oil					
System, Auxiliary Systems, SVL GT		In-kind part unavailable -			
System, Auxiliary Systems, SvE G1	Medium	reengineering required	TBD	Low	
DC Pump Start Pressure Switch (PS-LO-3), Main Lube Oil					
System, Auxiliary Systems, HWD GT		In-kind part unavailable -			
oyesem, remain oyeseme, rive or	Medium	reengineering required	TBD	Low	
Oil to Clutch A Pressure Transducer (PT-LO-1), Main Lube Oil					
System, Auxiliary Systems, SVL GT		In-kind part unavailable -			
, , , , , , , , , , , , , , , , , , , ,	High	reengineering required	TBD	Low	
Oil to Clutch B Pressure Transducer (PT-LO-2), Main Lube Oil					
System, Auxiliary Systems, SVL GT		In-kind part unavailable -			
	High	reengineering required	TBD	Low	
Fuel Pressure Transducer (PT-LF-1), Liquid Fuel System,					
Auxiliary Systems		In-kind part unavailable -		_	
, ,	Medium	reengineering required	TBD	Low	
Low Liquid Level Alarm Switch (LL-GL-1), MLO/Glycol Cooling					
System, Auxiliary Systems		In-kind part unavailable -			
, , ,	Medium	reengineering required	TBD	Low	
Level Switch (LS-GGLO-1), Gas Generator Lube Oil System,					
Auxiliary Systems		In-kind part unavailable -		_	
, ,	High	reengineering required	TBD	Low	
Inlet Pressure Transducer, Gas Generator Enclosure with					
Septum Doors, Prime Mover Systems		In-kind part unavailable -			
, ,	Medium	reengineering required	TBD	Low	

Appendix G
Critical Spares Status Listing – Hydraulic Generation December 1, 2015

Critical Spare Component	Stock Status	Risk Score	Spare Cost >\$50,000
BDE - INTAKE STRUCTURE NO. 1 - TRANSMITTER,PRESS 0-6MH20	In Stock	MEDIUM	NO
BDE - PENSTOCK NO. 1 - TRANSMITTER,PRESS 0-375	In Stock	MEDIUM	NO
BDE - PENSTOCK NO. 2 - TRANSMITTER,PRESS 0-375	In Stock	MEDIUM	NO
BDE - PENSTOCK NO. 3 - TRANSMITTER,PRESS 0-375	In Stock	MEDIUM	NO
BDE - PENSTOCK NO. 4 - TRANSMITTER,PRESS 0-375	In Stock	MEDIUM	NO
BDE - TURBINE - Turbine Carbon Seal (Units 1 to 4)	In Stock	HIGH	NO
BDE - TURBINE - Turbine Carobn Seal (Units 5 & 6)	In Stock	HIGH	NO
BDE - WICKET GATES AND LINKAGES - Shear Pins	In Stock	MEDIUM	NO
BDE - WICKET GATES AND LINKAGES - PACKING,V TYPE 2-EASY	In Stock	MEDIUM	NO
BDE - WICKET GATES AND LINKAGES - PIN,ECCENTRIC	In Stock	MEDIUM	NO
BDE - WICKET GATES AND LINKAGES - RING, PISTON SERVO MOTOR 18"OD	In Stock	HIGH	NO
BDE - ISOLATED PHASE BUS - XFMR,CT 13.8KV	In Stock	HIGH	NO
BDE - ISOLATED PHASE BUS - XFMR,CT 1000:	In Stock	HIGH	NO
BDE - ISOLATED PHASE BUS - XFMR,PT 14400KV	In Stock	HIGH	NO
BDE - ISOLATED PHASE BUS - XFMR,CT 30332313	In Stock	HIGH	NO
BDE - ISOLATED PHASE BUS - XFMR,CT 800:5	In Stock	HIGH	NO
BDE - ISOLATED PHASE BUS - CT 50/51	In Stock	HIGH	NO
BDE - GATE HOIST - BAY D'ESPOIR - ST - Remote I/O Adapter	In Stock	MEDIUM	NO
BDE - HEADCOVER ASSEMBLY - UNIT 1 - BUSHING, UPPER HEAD COVER P003	In Stock	HIGH	NO
BDE - HEADCOVER ASSEMBLY - UNIT 1 - BUSHING, UPPER WICKET	In Stock	HIGH	NO
BDE - RUNNER - UNIT 1 - BOLT,SHAFT TO RUNNER	In Stock	HIGH	NO
BDE - PLC,Model Quantum- Modicon - MODULE,ANALOG QUANTUM	In Stock	MEDIUM	NO
BDE - PLC,Model Quantum- Modicon - MODULE,CPU MODICON	In Stock	MEDIUM	NO
BDE - PLC,Model Quantum- Modicon - MODULE,DISCRETE IN	In Stock	MEDIUM	NO
BDE - PLC,Model Quantum- Modicon - MODULE,DISCRETE OUT	In Stock	MEDIUM	NO
BDE - PLC,Model Quantum- Modicon - MODULE,ETHERNET QUANTUM	In Stock	MEDIUM	NO
BDE - PLC, Model Quantum- Modicon - MODULE, GPS QUANTUM	In Stock	MEDIUM	NO
BDE - PLC,Model Quantum- Modicon - MODULE,HOT STANDBY	In Stock	MEDIUM	NO
BDE - PLC,Model Quantum- Modicon - MODULE,INTERFACE PLC	In Stock	MEDIUM	NO
BDE - PLC, Model Quantum- Modicon - MODULE, RACK FILLER	In Stock	MEDIUM	NO
BDE - PLC,Model Quantum- Modicon - MODULE,RELAY OUT	In Stock	MEDIUM	NO
BDE - PLC,Model Quantum- Modicon - POWER SUPPLY, 125-24 VDC	In Stock	MEDIUM	NO

Critical Spare Component	Stock Status	Risk Score	Spare Cost >\$50,000
BDE - PLC,Model Quantum- Modicon - POWER SUPPLY,125 VDC	In Stock	MEDIUM	NO
BDE - PLC,Model Quantum- Modicon - POWER SUPPLY,125VDC 8A	In Stock	MEDIUM	NO
BDE - PLC,Model Quantum- Modicon - POWER SUPPLY,24 VDC	In Stock	MEDIUM	NO
BDE - PLC,Model Quantum- Modicon - REMOTE I/O HEAD,MODICON	In Stock	MEDIUM	NO
BDE - PLC,Model Quantum- Modicon - ADAPTER,REMOTE I/O	In Stock	MEDIUM	NO
BDE - PLC,Model Quantum- Modicon - BACKPLANE,10 SLOT MODICON	In Stock	MEDIUM	NO
BDE - STATION SERVICE - BDE PH1 - ACB	In Stock	HIGH	NO
BDE - STATION SERVICE - BDE PH1 - Trip Unit - Breker control device	In Stock	HIGH	NO
BDE - ROTOR SHAFT - Rotating Ring	In Stock	HIGH	TBD
BDE - STATOR ASSEMBLY - BAR, COPPER 1/2"X2"X10'	In Stock	HIGH	NO
BDE - STATOR ASSEMBLY - BAR,ROTOR CONNECTION	In Stock	HIGH	NO
BDE - STATOR ASSEMBLY - BAR,ROTOR CONNECTION	In Stock	HIGH	NO
BDE - STATOR ASSEMBLY - BAR,STATOR	In Stock	HIGH	TBD
BDE - STATOR ASSEMBLY - BAR,STATOR	In Stock	HIGH	TBD
BDE - SPILLWAY #1-SALMON RIVE - Lift gearboxes/nuts	In Stock	HIGH	NO
BDE - INTAKE GATE - BACKPLANE,6 SLOT MODICON	In Stock	MEDIUM	NO
BDE - DISCONNECT SWITCH 29-1 - Complete Unit	In Stock	HIGH	YES
BDE - Generator SLIPRING/BRUSH RIGGING - Carbon Brushes	In Stock	MEDIUM	NO
BDE - Generator SLIPRING/BRUSH RIGGING - Brush Holders	In Stock	MEDIUM	NO
BDE - Generator SLIPRING/BRUSH RIGGING - Slip Ring	In Stock	HIGH	YES
BDE - TURBINE GUIDE BEARING - Bearing	In Stock	HIGH	YES
BDE - EXCITATION CONTROLS - CARD,ABB HIEE200130R0001	In Stock	HIGH	NO
BDE - EXCITATION CONTROLS - CARD,ABB HIEE205011R0001	In Stock	HIGH	NO
BDE - EXCITATION CONTROLS - CARD,ABB HIEE205012R0001	In Stock	HIGH	NO
BDE - EXCITATION CONTROLS - CARD,ABB HIEE205014R0001	In Stock	HIGH	NO
BDE - EXCITATION CONTROLS - CARD,ABB HIEE300661R0001	In Stock	HIGH	NO
BDE - EXCITATION CONTROLS - CARD,ABB HIEE300686R0001	In Stock	HIGH	NO
BDE - EXCITATION CONTROLS - CARD,ABB HIEE300690R0001	In Stock	HIGH	NO
BDE - EXCITATION CONTROLS - CARD,ABB HIEE300698R0001	In Stock	HIGH	NO
BDE - EXCITATION CONTROLS - CARD,ABB HIEE300766R0001	In Stock	HIGH	NO
BDE - EXCITATION CONTROLS - CARD,ABB HIEE305043R0001	In Stock	HIGH	NO
BDE - EXCITATION CONTROLS - CARD,ABB HIEE305069R0001	In Stock	HIGH	NO

Critical Spare Component	Stock Status	Risk Score	Spare Cost >\$50,000
BDE - EXCITATION CONTROLS - CARD,ABB HIEE30598R1	In Stock	HIGH	NO
BDE - EXCITATION CONTROLS - CARD,ABB HIEE401481RD001	In Stock	HIGH	NO
BDE - EXCITATION CONTROLS - COIL,ABB HIER464920P1	In Stock	HIGH	NO
BDE - EXCITATION CONTROLS - MAINBOARD,ABB HIER465176R22	In Stock	HIGH	NO
BDE - EXCITATION CONTROLS - POWER SUPPLY,TRACO HIER46651-	In Stock	HIGH	NO
BDE - EXCITATION CONTROLS - POWER SUPPLY,TRACO HIER46651-	In Stock	HIGH	NO
BDE - EXCITATION CONTROLS - RESISTOR, FIELD DISCHARGE	In Stock	HIGH	NO
BDE - EXCITATION CONTROLS - SHUNT, ABB UXAB269330R909	In Stock	HIGH	NO
BDE - EXCITATION CONTROLS - VARISTOR,ABB 3ACD5245A003	In Stock	HIGH	NO
BDE - FIELD BREAKER QO2 - PANEL EE - BREAKER, ABB HIER466757P2331 (entire unit)	In Stock	HIGH	NO
BDE - FIELD BREAKER QO2 - PANEL EE - SHUNT, ABB UXAB269350R909	In Stock	HIGH	NO
BDE - FIELD BREAKER QO2 - PANEL EE - CONTACT,ABB UXAB239Z60R002	In Stock	HIGH	NO
BDE - FIELD BREAKER QO2 - PANEL EE - CONTACT,ABB UXAB239299R0003	In Stock	HIGH	NO
BDE - FIELD BREAKER QO2 - PANEL EE - CONTACT,ABB UXAB269399R032	In Stock	HIGH	NO
BDE - FIELD BREAKER QO2 - PANEL EE - ARC-CHUTE,ABB UXAB269399R012	In Stock	HIGH	NO
BDE - GENERATOR - CREEP DETECTOR ASSY,129 VCD	In Stock	HIGH	NO
BDE - GENERATOR - PLATES,BRAKE (24 PER SET)	In Stock	HIGH	NO
BDE - GENERATOR - SWITCH,WOODWARD 8935-139	In Stock	HIGH	NO
BDE - Exciter POWER ELECTRONICS - Pulse Transformers	In Stock	MEDIUM	NO
BDE - Exciter POWER ELECTRONICS - BRIDGE,ABB S00772	In Stock	HIGH	NO
BDE - Exciter POWER ELECTRONICS - FUSE,ABB 6,6URD32TTF0800	In Stock	MEDIUM	NO
BDE - Exciter POWER ELECTRONICS - FAN ASSY,ABB 500773	In Stock	HIGH	NO
BDE - Exciter POWER ELECTRONICS - THYRISTOR,ABB 5STP27F1200	In Stock	HIGH	NO
BDE - RECTIFYING TRANSFORMER - Full Unit	In Stock	HIGH	YES
BDE - SURFACE AIR COOLERS - SAC Unit	In Stock	MEDIUM	TBD
BDE - SURFACE AIR COOLERS - Tubes	In Stock	MEDIUM	NO
BDE - THRUST/GUIDE BEARING COOLERS - Cooler	In Stock	HIGH	YES
BDE - ROTOR POLES - Pole	In Stock	HIGH	TBD
BDE - STATOR WINDINGS - UNIT 1 - CONNECTOR, STATOR CU	In Stock	HIGH	NO
BDE - STATOR WINDINGS - UNIT 1 to 4 - Coils	In Stock	HIGH	TBD
BDE - THRUST/GUIDE BEARING ASSEMBLY - Springs	In Stock	HIGH	NO
BDE - THRUST/GUIDE BEARING ASSEMBLY - Oil	In Stock	MEDIUM	NO

Critical Spare Component	Stock Status	Risk Score	Spare Cost >\$50,000
BDE - THRUST/GUIDE BEARING ASSEMBLY - TRANSMITTER,DIFF	In Stock	MEDIUM	NO
BDE - GOVERNOR - BEARING,DASHPOT LINK	In Stock	HIGH	NO
BDE - GOVERNOR - BRACKET,WOODWARD 11002-57	In Stock	HIGH	NO
BDE - GOVERNOR - BRACKET,WOODWARD 91588	In Stock	HIGH	NO
BDE - GOVERNOR - BUSHING,PILOT VALVE	In Stock	HIGH	NO
BDE - GOVERNOR - BUSHING, SNAP ACTION	In Stock	HIGH	NO
BDE - GOVERNOR - BUSHING,WW 11002-65	In Stock	HIGH	NO
BDE - GOVERNOR - BUSHING, DASHPOT - SMALL	In Stock	HIGH	NO
BDE - GOVERNOR - BUSHING, DASHPOT - LARGE	In Stock	HIGH	NO
BDE - GOVERNOR - CABLE,AIRCRAFT 1/4 187083	In Stock	HIGH	NO
BDE - GOVERNOR - CLIP,WW 11002-16	In Stock	HIGH	NO
BDE - GOVERNOR - COIL,DASHPOT	In Stock	HIGH	NO
BDE - GOVERNOR - COIL,PARTIAL SHUTDOWN RESET	In Stock	HIGH	NO
BDE - GOVERNOR - COIL,SHUTDOWN SOLENOID	In Stock	HIGH	NO
BDE - GOVERNOR - COIL,SHUTDOWN SOLENOID 65SD	In Stock	HIGH	NO
BDE - GOVERNOR - COIL,WW 202132	In Stock	HIGH	NO
BDE - GOVERNOR - CONTACT,CONTACTOR-TYPE DG-	In Stock	HIGH	NO
BDE - GOVERNOR - DASHPOT,WW 161314	In Stock	HIGH	NO
BDE - GOVERNOR - DIODE,WW 202891	In Stock	HIGH	NO
BDE - GOVERNOR - DISC,RELIEF VALVE	In Stock	HIGH	NO
BDE - GOVERNOR - DISC,UNLOADER	In Stock	HIGH	NO
BDE - GOVERNOR - GASKET KIT,WOODWARD 8926-137	In Stock	HIGH	NO
BDE - GOVERNOR - GASKET,WOODWARD 1327-816	In Stock	HIGH	NO
BDE - GOVERNOR - GASKET,WOODWARD 206317	In Stock	HIGH	NO
BDE - GOVERNOR - LEVER, CONNECTING LOWER	In Stock	HIGH	NO
BDE - GOVERNOR - LEVER,LOWER FLOATING	In Stock	HIGH	NO
BDE - GOVERNOR - LEVER,UPPER FLOATING	In Stock	HIGH	NO
BDE - GOVERNOR - LINK,WOODWARD 070346	In Stock	HIGH	NO
BDE - GOVERNOR - LOCKWASHER,BEARING	In Stock	HIGH	NO
BDE - GOVERNOR - MOTOR ASSY,C/W SHAFT & GEAR	In Stock	HIGH	NO
BDE - GOVERNOR - MOTOR ASSY,GATE LIMIT	In Stock	HIGH	NO
BDE - GOVERNOR - MOTOR,GOVERNOR SPEED 28 VOLT	In Stock	HIGH	NO

Critical Spare Component	Stock Status	Risk Score	Spare Cost >\$50,000
BDE - GOVERNOR - MOTOR,SYNCHRONIZING	In Stock	HIGH	NO
BDE - GOVERNOR - MOTOR, VIBRATING OIL	In Stock	HIGH	NO
BDE - GOVERNOR - FILTER,HYD 932633Q	In Stock	HIGH	NO
BDE - GOVERNOR - PIN,BALLARM	In Stock	HIGH	NO
BDE - GOVERNOR - PIN,DASHPOT	In Stock	HIGH	NO
BDE - GOVERNOR - PIN,LOWER DRIVE	In Stock	HIGH	NO
BDE - GOVERNOR - PIN,PIVOT	In Stock	HIGH	NO
BDE - GOVERNOR - PIN,WOODWARD 11002-71	In Stock	HIGH	NO
BDE - GOVERNOR - PIN,WOODWARD 11002-75	In Stock	HIGH	NO
BDE - GOVERNOR - PLUNGER,SNAP ACTION	In Stock	HIGH	NO
BDE - GOVERNOR - POTENTIOMETER,1250OH 0.24A	In Stock	HIGH	NO
BDE - GOVERNOR - PUMP,OIL IMO A3DB-275	In Stock	HIGH	NO
BDE - GOVERNOR - RETAINER,SWITCH	In Stock	HIGH	NO
BDE - GOVERNOR - RING, SNAP (PILOT SERVO PLUG)	In Stock	HIGH	NO
BDE - GOVERNOR - ROTOR,BALL HEAD MOTOR	In Stock	HIGH	NO
BDE - GOVERNOR - SOLENOID,125 V DC	In Stock	HIGH	NO
BDE - GOVERNOR - SOLENOID,125VDC 211E	In Stock	HIGH	NO
BDE - GOVERNOR - SPRING,PILOT VALVE LINK	In Stock	HIGH	NO
BDE - GOVERNOR - SPRING, RELIEF	In Stock	HIGH	NO
BDE - GOVERNOR - SPRING,UNLOADER	In Stock	HIGH	NO
BDE - GOVERNOR - STATOR,BALL HEAD MOTOR	In Stock	HIGH	NO
BDE - GOVERNOR - SWITCH,PRESS OIL ALARM	In Stock	HIGH	NO
BDE - GOVERNOR SPEED GENERATOR - BEARING, SPEED SIGNAL	In Stock	MEDIUM	NO
BDE - GOVERNOR SPEED GENERATOR - BUSHING, OILITE OVERSPEED SWITCH ASSEMBLY	In Stock	HIGH	
			NO
BDE - GOVERNOR SPEED GENERATOR - PIN, DOWEL - SPEED SWITCH	In Stock	MEDIUM	NO
BDE - GOVERNOR SPEED GENERATOR - PLATE, MOUNTING - MERCURY	In Stock	HIGH	NO
BDE - GOVERNOR SPEED GENERATOR - RING,ROTOR	In Stock	HIGH	NO
BDE - GOVERNOR SPEED GENERATOR - PIN,ROCKER ARM	In Stock	HIGH	NO
BDE - GOVERNOR SPEED GENERATOR - BEARING,WW 1800125	In Stock	MEDIUM	NO
BDE - GOVERNOR SPEED GENERATOR - BEARING,WW 111006	In Stock	MEDIUM	NO
BDE - GOVERNOR SPEED GENERATOR - BEARING,PMG P/N Z995205	In Stock	MEDIUM	NO

Critical Spare Component	Stock Status	Risk Score	Spare Cost >\$50,000
BDE - GOVERNOR SPEED GENERATOR - PIN,BALLARM	In Stock	HIGH	NO
BDE - GOVERNOR SPEED GENERATOR - BUSHING, URETHANE UPPER D	In Stock	MEDIUM	NO
BDE - GOVERNOR SPEED GENERATOR - BUSHING, URETHANE LOWER D	In Stock	MEDIUM	NO
BDE - GOVERNOR SPEED GENERATOR - BALLARM, SPEED SWITCH	In Stock	HIGH	NO
BDE - GOVERNOR SPEED GENERATOR - PIN, TAPERED	In Stock	MEDIUM	NO
BDE - GOVERNOR SPEED GENERATOR - SPRING, SPEED SWITCH	In Stock	HIGH	NO
BDE - GOVERNOR SPEED GENERATOR - STATOR,P.M.G.	In Stock	HIGH	NO
BDE - GUIDE BEARING SEGMENTS - bearing segments,	In Stock	HIGH	YES
BDE - THRUST BEARING SEGMENTS - bearing segments,	In Stock	HIGH	YES
BDE - UNIT 7 GOVERNOR - FILTER,HYD 932633Q	In Stock	HIGH	N/A
BDE - UNIT 7 GOVERNOR - PIN,BALLARM	In Stock	HIGH	N/A
BDE - UNIT 7 GOVERNOR - PIN,DASHPOT	In Stock	HIGH	N/A
BDE - UNIT 7 GOVERNOR - PIN,LOWER DRIVE	In Stock	HIGH	N/A
BDE - UNIT 7 GOVERNOR - PIN,PIVOT	In Stock	HIGH	N/A
BDE - UNIT 7 GOVERNOR - PIN,ROCKER ARM	In Stock	HIGH	N/A
BDE - UNIT 7 GOVERNOR - PIN,WOODWARD 11002-71	In Stock	HIGH	N/A
BDE - UNIT 7 GOVERNOR - PIN,WOODWARD 11002-75	In Stock	HIGH	N/A
BDE - UNIT 7 GOVERNOR - PLUNGER, SNAP ACTION	In Stock	HIGH	N/A
BDE - UNIT 7 GOVERNOR - POTENTIOMETER,1250OH 0.24A	In Stock	HIGH	N/A
BDE - UNIT 7 GOVERNOR - PUMP,OIL IMO A3DB-275	In Stock	HIGH	N/A
BDE - UNIT 7 GOVERNOR - RETAINER, SWITCH	In Stock	MEDIUM	N/A
BDE - UNIT 7 GOVERNOR - RING, SNAP (PILOT SERVO PLUG)	In Stock	HIGH	N/A
BDE - UNIT 7 GOVERNOR - ROTOR,BALL HEAD MOTOR	In Stock	HIGH	N/A
BDE - UNIT 7 GOVERNOR - SENSOR,LOAD GOVERNOR	In Stock	HIGH	N/A
BDE - UNIT 7 GOVERNOR - SOLENOID,125 V DC	In Stock	HIGH	N/A
BDE - UNIT 7 GOVERNOR - SOLENOID,125VDC 211E	In Stock	HIGH	N/A
BDE - UNIT 7 GOVERNOR - SPRING,PILOT VALVE LINK	In Stock	HIGH	N/A
BDE - UNIT 7 GOVERNOR - STATOR,BALL HEAD MOTOR	In Stock	HIGH	N/A
BDE - UNIT 7 GOVERNOR - SWITCH,PRESS OIL ALARM	In Stock	HIGH	N/A
BDE - UNIT 7 GOVERNOR - STATOR,PERMANENT MAGNET	In Stock	HIGH	N/A
BDE - UNIT 7 GOVERNOR - SPRING, SPEED SWITCH	In Stock	HIGH	N/A
BDE - UNIT 7 TURBINE - Carbon Seal	In Stock	HIGH	N/A

Critical Spare Component	Stock Status	Risk Score	Spare Cost >\$50,000
BDE - UNIT 7 TURBINE - wicket gate	In Stock	HIGH	N/A
BDE - UNIT 7 TURBINE - turbine bearing	In Stock	HIGH	N/A
BDE - Unit 7 DRAFT TUBE-TURBINE - Water Level Probe	In Stock	MEDIUM	N/A
BDE - Unit 7 HEADCOVER ASSEMBLY - BOTTOM RING P001 bushing	In Stock	HIGH	N/A
BDE - Unit 7 HEADCOVER ASSEMBLY - BUSHING, LOWER HEAD COVER P001	In Stock	HIGH	N/A
BDE - Unit 7 HEADCOVER ASSEMBLY - PACKING, V-TYPE 3/8 EASY	In Stock	MEDIUM	N/A
BDE - Unit 7 OPERATING RING - Linkage	In Stock	HIGH	N/A
BDE - Unit 7 OPERATING RING - BUSHING,LINK PIN	In Stock	MEDIUM	N/A
BDE - Unit 7 OPERATING RING - CAP,SHEARPIN	In Stock	MEDIUM	N/A
BDE - Unit 7 OPERATING RING - PIN,ECCENTRIC P005	In Stock	MEDIUM	N/A
BDE - Unit 7 OPERATING RING - PIN,LINK P006	In Stock	MEDIUM	N/A
BDE - Unit 7 OPERATING RING - PIN,ROD SHEARPIN	In Stock	MEDIUM	N/A
BDE - Unit 7 OPERATING RING - PIN,UPPER DRIVE	In Stock	MEDIUM	N/A
BDE - Unit 7 OPERATING RING - LEVER, WICKET GATE	In Stock	HIGH	N/A
BDE - Unit 7 ROTOR ASSEMBLY - POLE	In Stock	HIGH	N/A
BDE - Unit 7 RUNNER - TURBINE - CARBON SEAL	In Stock	HIGH	N/A
BDE - Unit 7 SERVOMOTOR # 1 - Piston Ring	In Stock	HIGH	N/A
BDE - Unit 7 SERVOMOTOR # 1 - PACKING, SERVOMOTOR	In Stock	MEDIUM	N/A
BDE - Unit 7 SERVOMOTOR # 1 - PACKING,V TYPE 2-EASY	In Stock	MEDIUM	N/A
BDE - Unit 7 SERVOMOTOR # 1 - PACKING,V-TYPE 9"X8"ID	In Stock	MEDIUM	N/A
BDE - UNIT 7 EXCITER - BOARD, DIGITAL I/O	In Stock	MEDIUM	N/A
BDE - UNIT 7 EXCITER - BOARD,I/O ANALOG	In Stock	MEDIUM	N/A
BDE - UNIT 7 EXCITER - BOARD,MEASURING ABB	In Stock	MEDIUM	N/A
BDE - UNIT 7 EXCITER - BOARD, POWER SYSTEM STABI	In Stock	MEDIUM	N/A
BDE - UNIT 7 EXCITER - CAPACITOR,20 MF +-10% 150 V	In Stock	MEDIUM	N/A
BDE - UNIT 7 EXCITER - COMPONENT, INTEG CCT	In Stock	MEDIUM	N/A
BDE - UNIT 7 EXCITER - INTEG CCT	In Stock	MEDIUM	N/A
BDE - UNIT 7 EXCITER - CONTACT, ISOLATING	In Stock	MEDIUM	N/A
BDE - UNIT 7 EXCITER - MODULE,ABB DCS500B200361	In Stock	MEDIUM	N/A
BDE - UNIT 7 EXCITER - PANEL,CONTROL	In Stock	MEDIUM	N/A
BDE - UNIT 7 EXCITER - POWER SUPPLY,ABB 3BHE013940R00	In Stock	MEDIUM	N/A
BDE - UNIT 7 EXCITER - RELAY,GROUND VOLTAGE	In Stock	MEDIUM	N/A

BDE - Unit 7 Generator Field Breaker - Main Fixed Contacts In Stock MEDIUM N/A BDE - Unit 7 Generator Field Breaker - COIL, SHUNT CLOSING In Stock MEDIUM N/A BDE - Unit 7 Generator Field Breaker - COIL, SHUNT OPENING In Stock MEDIUM N/A BDE - Unit 7 Generator Field Breaker - COIL, SHUNT OPENING In Stock MEDIUM N/A BDE - Unit 7 Generator Field Breaker - Charging Motor In Stock MEDIUM N/A BDE - Unit 7 Generator Field Breaker - SREAKER, ABB EZNE1600MS4-B1 In Stock MEDIUM N/A BDE - Unit 7 Generator Field Breaker - REAKER, ABB EZNE1600MS4-B1 In Stock MEDIUM N/A BDE - Unit 7 Generator Field Breaker - ARC CHUTE, ABB UXAB229199215 In Stock MEDIUM N/A BDE - Unit 7 Generator Field Breaker - MOTOR, CHARGING In Stock MEDIUM N/A BDE - Unit 7 Generator Field Breaker - CONTACT, ABB UXAB239260R0 In Stock MEDIUM N/A BDE - Unit 7 Control Board - BOARD, CONTROL In Stock MEDIUM N/A BDE - Unit 7 Control Board - BOARD, CONTROL In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING, SPEED SIGNAL In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING, SPEED SIGNAL In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING, OILITE OVERSPEED SWITCH ASSEMBLY In Stock MEDIUM N/A BDE - Unit 7 PMG - PIN, DOWEL - SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - PIN, DOWEL - SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - PIN, COKER ARM In Stock HIGH N/A BDE - Unit 7 PMG - BEARING, WW 11006 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING, WW 11006 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING, WW 11006 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING, WW 11006 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING, WR 11006 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING, WR 11006 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING, WR 11006 In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING, URETHANE UPPER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING, URETHANE UPPER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING, URETHANE LOWER D In Stock MEDIUM N/A BDE - Unit 7 PMG - STATOR, P.M.G. In Stock MEDIUM N/A BDE - Unit 7 PMG -	Critical Spare Component	Stock Status	Risk Score	Spare Cost >\$50,000
BDE - Unit 7 Generator Field Breaker - COIL,SHUNT CLOSING DE - Unit 7 Generator Field Breaker - COIL,SHUNT OPENING DE - Unit 7 Generator Field Breaker - COIL,SHUNT OPENING DE - Unit 7 Generator Field Breaker - COIL,SHUNT OPENING DE - Unit 7 Generator Field Breaker - Charging Motor DE - Unit 7 Generator Field Breaker - BREAKER,ABB EZNE1600MS4-B1 DE - Unit 7 Generator Field Breaker - BREAKER,ABB EZNE1600MS4-B1 DE - Unit 7 Generator Field Breaker - ARC CHUTE,ABB UXAB289199215 In Stock MEDIUM N/A DDE - Unit 7 Generator Field Breaker - MOTOR,CHARGING DE - Unit 7 Generator Field Breaker - MOTOR,CHARGING DE - Unit 7 Generator Field Breaker - CONTACT,ABB UXAB239260R0 In Stock MEDIUM N/A DDE - Unit 7 Control Board - BOARD,CONTROL In Stock MEDIUM N/A DDE - Unit 7 Control Board - BOARD,CONTROL In Stock MEDIUM N/A DDE - Unit 7 PMG - BEARING, SPEED SIGNAL In Stock MEDIUM N/A DDE - Unit 7 PMG - BEARING, SPEED SIGNAL In Stock MEDIUM N/A DDE - Unit 7 PMG - BUSHING, OILITE OVERSPEED SWITCH ASSEMBLY In Stock MEDIUM N/A DDE - Unit 7 PMG - PIN,DOWEL - SPEED SWITCH In Stock HIGH N/A DDE - Unit 7 PMG - PIN,DOWEL - SPEED SWITCH In Stock HIGH N/A DDE - Unit 7 PMG - RING, ROTOR In Stock HIGH N/A DDE - Unit 7 PMG - RING, ROTOR In Stock HIGH N/A DDE - Unit 7 PMG - BEARING, WI 1800125 In Stock MEDIUM N/A DDE - Unit 7 PMG - BEARING, WW 1800125 In Stock MEDIUM N/A DDE - Unit 7 PMG - BEARING, WW 1800125 In Stock MEDIUM N/A DDE - Unit 7 PMG - BEARING, WR 1800125 In Stock MEDIUM N/A DDE - Unit 7 PMG - BEARING, WR 1800125 In Stock MEDIUM N/A DDE - Unit 7 PMG - BEARING, WR 1800125 In Stock MEDIUM N/A DDE - Unit 7 PMG - BEARING, WR 1800125 In Stock MEDIUM N/A DDE - Unit 7 PMG - BEARING, WR 1800125 In Stock MEDIUM N/A DDE - Unit 7 PMG - BEARING, WR 1800125 In Stock MEDIUM N/A DDE - Unit 7 PMG - BEARING, WR 1800125 In Stock MEDIUM N/A DDE - Unit 7 PMG - BEARING, WR 1800125 In Stock MEDIUM N/A DDE - Unit 7 PMG - SPRING, SPEED SWITCH In Stock MEDIUM N/A DDE - Unit 7 PMG - SPRING, SPEED SWITCH In	BDE - Unit 7 Generator Field Breaker - Main Moving Contacts	In Stock	MEDIUM	N/A
BDE - Unit 7 Generator Field Breaker - COIL,SHUNT OPENING BDE - Unit 7 Generator Field Breaker - Charging Motor BDE - Unit 7 Generator Field Breaker - Charging Motor BDE - Unit 7 Generator Field Breaker - BREAKER,ABB EZNE1600MS4-B1 BDE - Unit 7 Generator Field Breaker - ARC CHUTE,ABB UXAB289199215 In Stock HIGH N/A BDE - Unit 7 Generator Field Breaker - MOTOR,CHARGING In Stock MEDIUM N/A BDE - Unit 7 Generator Field Breaker - MOTOR,CHARGING In Stock MEDIUM N/A BDE - Unit 7 Generator Field Breaker - CONTACT,ABB UXAB239260R0 In Stock MEDIUM N/A BDE - Unit 7 Generator Field Breaker - CONTACT,ABB UXAB239260R0 In Stock MEDIUM N/A BDE - Unit 7 Control Board - BOARD,CONTROL In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING,SPEED SIGNAL In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING, OILITE OVERSPEED SWITCH ASSEMBLY In Stock MEDIUM N/A BDE - Unit 7 PMG - PIN,DOWEL - SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - PIN,DOWEL - SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - PIN,BOCKER ARM In Stock HIGH N/A BDE - Unit 7 PMG - PIN,ROCKER ARM In Stock HIGH N/A BDE - Unit 7 PMG - BEARING,WW 1800125 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING,WW 1800125 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING,WW 1800125 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING,WW 19095205 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING,PMG P/N Z995205 In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE UPPER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE UPPER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE LOWER D In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP,NON-CONTACT In Stock MEDIUM N/A BD	BDE - Unit 7 Generator Field Breaker - Main Fixed Contacts	In Stock	MEDIUM	N/A
BDE - Unit 7 Generator Field Breaker - Charging Motor DDE - Unit 7 Generator Field Breaker - BREAKER,ABB EZNE1600MS4-B1 DDE - Unit 7 Generator Field Breaker - ARC CHUTE,ABB UXAB289199215 DDE - Unit 7 Generator Field Breaker - ARC CHUTE,ABB UXAB289199215 DDE - Unit 7 Generator Field Breaker - MOTOR,CHARGING DDE - Unit 7 Generator Field Breaker - MOTOR,CHARGING DDE - Unit 7 Generator Field Breaker - CONTACT,ABB UXAB239260R0 DDE - Unit 7 Generator Field Breaker - CONTACT,ABB UXAB239260R0 DDE - Unit 7 Control Board - BOARD,CONTROL DDE - Unit 7 PMG - BUSHING, COLITE OVERSPEED SWITCH DDE - Unit 7 PMG - BUSHING, OILITE OVERSPEED SWITCH ASSEMBLY DDE - Unit 7 PMG - BUSHING, OILITE OVERSPEED SWITCH DDE - Unit 7 PMG - PLATE,MOUNTING - MERCURY DDE - Unit 7 PMG - PLATE,MOUNTING - MERCURY DDE - Unit 7 PMG - PLATE,MOUNTING - MERCURY DDE - Unit 7 PMG - BEARING,WW 1800125 DDE - Unit 7 PMG - BEARING,WW 111006 DDE - Unit 7 PMG - BEARING,WW 11006 DDE - Unit 7 PMG - BEARING,WP PM Z995205 DDE - Unit 7 PMG - BEARING,WP PM Z995205 DDE - Unit 7 PMG - BEARING,WP PM Z995205 DDE - Unit 7 PMG - BEARING,WP PM Z995205 DDE - Unit 7 PMG - BEARING,WP PM Z995205 DDE - Unit 7 PMG - BEARING,WP PM Z995205 DDE - Unit 7 PMG - BEARING,WP PM Z995205 DDE - Unit 7 PMG - BEARING,WP PM Z995205 DDE - Unit 7 PMG - BEARING,WP PM Z995	BDE - Unit 7 Generator Field Breaker - COIL,SHUNT CLOSING	In Stock	MEDIUM	N/A
BDE - Unit 7 Generator Field Breaker - BREAKER,ABB EZNE1600MS4-B1 In Stock HIGH N/A BDE - Unit 7 Generator Field Breaker - ARC CHUTE,ABB UXAB289199215 In Stock MEDIUM N/A BDE - Unit 7 Generator Field Breaker - ARC CHUTE,ABB UXAB239260R0 In Stock MEDIUM N/A BDE - Unit 7 Generator Field Breaker - CONTACT,ABB UXAB239260R0 In Stock MEDIUM N/A BDE - Unit 7 Generator Field Breaker - CONTACT,ABB UXAB239260R0 In Stock MEDIUM N/A BDE - Unit 7 Control Board - BOARD,CONTROL In Stock MEDIUM N/A BDE - Unit 7 Control Board - BOARD,CONTROL In Stock MEDIUM N/A BDE - Unit 7 PYDRAULIC GENERATOR - coolers In Stock HIGH N/A BDE - Unit 7 PMG - BEARING,SPEED SIGNAL In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING,SPEED SWITCH ASSEMBLY In Stock HIGH N/A BDE - Unit 7 PMG - PIN,DOWEL - SPEED SWITCH ASSEMBLY In Stock HIGH N/A BDE - Unit 7 PMG - PIN,DOWEL - SPEED SWITCH IN STOCK HIGH N/A BDE - Unit 7 PMG - PIN,DOWEL - SPEED SWITCH IN STOCK HIGH N/A BDE - Unit 7 PMG - RING,ROTOR In Stock HIGH N/A BDE - Unit 7 PMG - PIN,ROCKER ARM In Stock HIGH N/A BDE - Unit 7 PMG - BEARING,WW 1800125 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING,WW 1800125 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING,PWG P/N Z995205 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING,PMG P/N Z995205 In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE UPPER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE UPPER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE UPPER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE LOWER D In Stock HIGH N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP,NON-CONTACT In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY,IRD PCB 29128 In Stock HIGH N/A BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY,IRD PCB 29128 In	BDE - Unit 7 Generator Field Breaker - COIL,SHUNT OPENING	In Stock	MEDIUM	N/A
BDE - Unit 7 Generator Field Breaker - ARC CHUTE,ABB UXAB289199215 In Stock MEDIUM N/A BDE - Unit 7 Generator Field Breaker - MOTOR,CHARGING In Stock MEDIUM N/A BDE - Unit 7 Generator Field Breaker - CONTACT,ABB UXAB239Z60R0 In Stock MEDIUM N/A BDE - Unit 7 Control Board - BOARD,CONTROL In Stock MEDIUM N/A BDE - Unit 7 CONTACT BOARD,CONTROL In Stock MEDIUM N/A BDE - Unit 7 HYDRAULIC GENERATOR - coolers In Stock HIGH N/A BDE - Unit 7 PMG - BEARING,SPEED SIGNAL In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING, OILITE OVERSPEED SWITCH ASSEMBLY In Stock MEDIUM N/A BDE - Unit 7 PMG - PIN,DOWEL - SPEED SWITCH ASSEMBLY In Stock MEDIUM N/A BDE - Unit 7 PMG - PIN,DOWEL - SPEED SWITCH BDE - Unit 7 PMG - PIN,ROUNTING - MERCURY In Stock HIGH N/A BDE - Unit 7 PMG - RING,ROTOR In Stock HIGH N/A BDE - Unit 7 PMG - PIN,ROCKER ARM In Stock HIGH N/A BDE - Unit 7 PMG - BEARING,WW 1800125 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING,WW 111006 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING,WW 111006 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING,PMG P/N 2995205 In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE UPPER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE UPPER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE UPPER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE UPPER D In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP,NON-CONTACT In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP,NO	BDE - Unit 7 Generator Field Breaker - Charging Motor	In Stock	MEDIUM	N/A
BDE - Unit 7 Generator Field Breaker - MOTOR, CHARGING BDE - Unit 7 Generator Field Breaker - CONTACT, ABB UXAB239Z60R0 In Stock MEDIUM N/A BDE - Unit 7 Control Board - BOARD, CONTROL In Stock MEDIUM N/A BDE - Unit 7 THYDRAULIC GENERATOR - coolers In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING, SPEED SIGNAL In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING, OILITE OVERSPEED SWITCH ASSEMBLY In Stock MEDIUM N/A BDE - Unit 7 PMG - PIN, DOWEL - SPEED SWITCH ASSEMBLY In Stock MEDIUM N/A BDE - Unit 7 PMG - PIN, DOWEL - SPEED SWITCH BDE - Unit 7 PMG - PIN, BOUNTING - MERCURY In Stock HIGH N/A BDE - Unit 7 PMG - RING, ROTOR In Stock HIGH N/A BDE - Unit 7 PMG - PIN, ROCKER ARM In Stock HIGH N/A BDE - Unit 7 PMG - BEARING, WW 1800125 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING, WW 11006 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING, WW 1500125 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING, WW 1500125 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING, WW 1500125 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING, PMG P/N Z995205 In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING, URETHANE UPPER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING, URETHANE UPPER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING, URETHANE UPPER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING, URETHANE LOWER D In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING, SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - SPRING, SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - SPRING, SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - SPRING, SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - SPRING, SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING, SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING, SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING, SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING, SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING, SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING, SPEED SWITCH In Stock MEDIUM N/A	BDE - Unit 7 Generator Field Breaker - BREAKER,ABB EZNE1600MS4-B1	In Stock	HIGH	N/A
BDE - Unit 7 Generator Field Breaker - CONTACT,ABB UXAB239Z60R0 In Stock MEDIUM N/A BDE - Unit 7 Control Board - BOARD,CONTROL In Stock MEDIUM N/A BDE - UNIT 7 HYDRAULIC GENERATOR - coolers In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING,SPEED SIGNAL In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING, OILITE OVERSPEED SWITCH ASSEMBLY In Stock MEDIUM N/A BDE - Unit 7 PMG - PIN,DOWEL - SPEED SWITCH BDE - Unit 7 PMG - PIN,DOWEL - SPEED SWITCH BDE - Unit 7 PMG - PIN,ROCKER ARM In Stock HIGH N/A BDE - Unit 7 PMG - PIN,ROCKER ARM In Stock HIGH N/A BDE - Unit 7 PMG - BEARING,WW 1800125 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING,WW 111006 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING,WW 111006 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING,WW 1295205 In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE UPPER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE LOWER D In Stock MEDIUM N/A BDE - Unit 7 PMG - PIN,RORED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - PIN,RORED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - PIN,RORED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - PIN,RORED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - PIN,TAPERED In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - STATOR,P.M.G. BDE - Unit 7 VIBRATION MONITORING - PICK-UP,SPEED SENSING In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP,SPEED SENSING In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP,SPEED SENSING In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP,SPEED SENSING In Stock MEDIUM N/A	BDE - Unit 7 Generator Field Breaker - ARC CHUTE, ABB UXAB289199215	In Stock	MEDIUM	N/A
BDE - Unit 7 Control Board - BOARD,CONTROL BDE - UNIT 7 HYDRAULIC GENERATOR - coolers In Stock HIGH N/A BDE - Unit 7 PMG - BEARING,SPEED SIGNAL BDE - Unit 7 PMG - BUSHING, OILITE OVERSPEED SWITCH ASSEMBLY In Stock HIGH N/A BDE - Unit 7 PMG - BUSHING, OILITE OVERSPEED SWITCH ASSEMBLY In Stock HIGH N/A BDE - Unit 7 PMG - PIN,DOWEL - SPEED SWITCH BDE - Unit 7 PMG - PLATE,MOUNTING - MERCURY In Stock HIGH N/A BDE - Unit 7 PMG - PIN,ROCKER ARM In Stock HIGH N/A BDE - Unit 7 PMG - PIN,ROCKER ARM In Stock HIGH N/A BDE - Unit 7 PMG - BEARING,WW 1800125 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING,WW 111006 In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,PMG P/N Z995205 In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE UPPER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE LOWER D In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - BUSHING,URETHANE LOWER D In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7	BDE - Unit 7 Generator Field Breaker - MOTOR, CHARGING	In Stock	MEDIUM	N/A
BDE - UNIT 7 HYDRAULIC GENERATOR - coolers In Stock BDE - Unit 7 PMG - BEARING, SPEED SIGNAL BDE - Unit 7 PMG - BUSHING, OILITE OVERSPEED SWITCH ASSEMBLY In Stock BDE - Unit 7 PMG - PIN, DOWEL - SPEED SWITCH BDE - Unit 7 PMG - PLATE, MOUNTING - MERCURY In Stock BDE - Unit 7 PMG - PLATE, MOUNTING - MERCURY In Stock BDE - Unit 7 PMG - PIN, ROCKER ARM BDE - Unit 7 PMG - PIN, ROCKER ARM BDE - Unit 7 PMG - BEARING, WW 1800125 In Stock BDE - Unit 7 PMG - BEARING, WW 111006 BDE - Unit 7 PMG - BEARING, WW 111006 BDE - Unit 7 PMG - BEARING, WW 111006 BDE - Unit 7 PMG - BEARING, WW 111006 BDE - Unit 7 PMG - BEARING, WW 111006 BDE - Unit 7 PMG - BEARING, WW 111006 BDE - Unit 7 PMG - BEARING, WW 17006 BDE - Unit 7 PMG - BEARING, WW 111006 BDE - Unit 7 PMG - BEARING, WW 111006 BDE - Unit 7 PMG - BEARING, WW 111006 BDE - Unit 7 PMG - BEARING, WW 111006 BDE - Unit 7 PMG - BEARING, WW 111006 BDE - Unit 7 PMG - BEARING, WW 111006 BDE - Unit 7 PMG - BEARING, WW 111006 BDE - Unit 7 PMG - BUSHING, URETHANE UPPER D BDE - Unit 7 PMG - BUSHING, URETHANE LOWER D BDE - Unit 7 PMG - BUSHING, URETHANE LOWER D BDE - Unit 7 PMG - BIN, TAPERED BDE - Unit 7 PMG - SPRING, SPEED SWITCH BDE - Unit 7 PMG - STATOR, P.M.G. BDE - Unit 7 PMG - STATOR, P.M.G. BDE - Unit 7 VIBRATION MONITORING - PICK-UP, NON-CONTACT In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP, SPEED SENSING In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY, IRD PCB 29128 In Stock MEDIUM N/A BDE - Unit 7 OBERRATOR COOLING WATER SYSTEM - TRANSMITTER, DIFF	BDE - Unit 7 Generator Field Breaker - CONTACT,ABB UXAB239Z60R0	In Stock	MEDIUM	N/A
BDE - Unit 7 PMG - BEARING, SPEED SIGNAL BDE - Unit 7 PMG - BUSHING, OILITE OVERSPEED SWITCH ASSEMBLY In Stock BDE - Unit 7 PMG - BUSHING, OILITE OVERSPEED SWITCH BDE - Unit 7 PMG - PIN, DOWEL - SPEED SWITCH BDE - Unit 7 PMG - PIN, DOWEL - SPEED SWITCH BDE - Unit 7 PMG - PLATE, MOUNTING - MERCURY In Stock HIGH N/A BDE - Unit 7 PMG - RING, ROTOR In Stock HIGH N/A BDE - Unit 7 PMG - BEARING, WW 1800125 In Stock BDE - Unit 7 PMG - BEARING, WW 1800125 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING, WW 111006 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING, PMG P/N Z995205 In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING, URETHANE UPPER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING, URETHANE LOWER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BALLARM, SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - SPRING, SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - STATOR, P.M.G. BDE - Unit 7 PMG - STATOR, P.M.G. BDE - Unit 7 PMG - STATOR, P.M.G. BDE - Unit 7 VIBRATION MONITORING - PICK-UP, NON-CONTACT In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP, SPEED SENSING In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY, IRD PCB 29128 In Stock MEDIUM N/A BDE - Unit 7 OBRATION MONITORING - POWER SUPPLY, IRD PCB 29128 In Stock MEDIUM N/A BDE - Unit 7 OBRATION MONITORING - POWER SUPPLY, IRD PCB 29128 In Stock MEDIUM N/A BDE - Unit 7 OBRATION MONITORING - POWER SUPPLY, IRD PCB 29128 In Stock MEDIUM N/A	BDE - Unit 7 Control Board - BOARD,CONTROL	In Stock	MEDIUM	N/A
BDE - Unit 7 PMG - BUSHING, OILITE OVERSPEED SWITCH ASSEMBLY BDE - Unit 7 PMG - PIN,DOWEL - SPEED SWITCH BDE - Unit 7 PMG - PLATE,MOUNTING - MERCURY BDE - Unit 7 PMG - PLATE,MOUNTING - MERCURY BDE - Unit 7 PMG - RING,ROTOR BDE - Unit 7 PMG - PIN,ROCKER ARM BDE - Unit 7 PMG - BEARING,WW 1800125 BDE - Unit 7 PMG - BEARING,WW 111006 BDE - Unit 7 PMG - BEARING,WW 111006 BDE - Unit 7 PMG - BEARING,PMG P/N Z995205 BDE - Unit 7 PMG - PIN,BALLARM BDE - Unit 7 PMG - BUSHING,URETHANE UPPER D BDE - Unit 7 PMG - BUSHING,URETHANE LOWER D BDE - Unit 7 PMG - BUSHING,URETHANE LOWER D BDE - Unit 7 PMG - BEALARM,SPEED SWITCH BDE - Unit 7 PMG - SPRING,SPEED SWITCH BDE - Unit 7 PMG - STATOR,P.M.G. BDE - Unit 7 VIBRATION MONITORING - PICK-UP,NON-CONTACT In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP,SPEED SENSING In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY,IRD PCB 29128 In Stock MEDIUM N/A BDE - Unit 7 GENERATOR COOLING WATER SYSTEM - TRANSMITTER,DIFF In Stock MEDIUM N/A BDE - Unit 7 GENERATOR COOLING WATER SYSTEM - TRANSMITTER,DIFF In Stock MEDIUM N/A BDE - Unit 7 GENERATOR COOLING WATER SYSTEM - TRANSMITTER,DIFF	BDE - UNIT 7 HYDRAULIC GENERATOR - coolers	In Stock	HIGH	N/A
BDE - Unit 7 PMG - PIN,DOWEL - SPEED SWITCH BDE - Unit 7 PMG - PLATE,MOUNTING - MERCURY IN Stock IN Stock HIGH N/A BDE - Unit 7 PMG - RING,ROTOR IN Stock HIGH N/A BDE - Unit 7 PMG - PIN,ROCKER ARM IN Stock HIGH N/A BDE - Unit 7 PMG - BEARING,WW 1800125 IN Stock BDE - Unit 7 PMG - BEARING,WW 111006 IN Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING,PMG P/N Z995205 IN Stock MEDIUM N/A BDE - Unit 7 PMG - BIN,BALLARM IN Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE UPPER D IN Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE LOWER D IN Stock MEDIUM N/A BDE - Unit 7 PMG - BALLARM,SPEED SWITCH IN Stock MEDIUM N/A BDE - Unit 7 PMG - PIN,TAPERED IN Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH IN Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH IN Stock MEDIUM N/A BDE - Unit 7 PMG - STATOR,P.M.G. IN Stock MEDIUM N/A BDE - Unit 7 PMG - STATOR,P.M.G. IN Stock MEDIUM N/A BDE - Unit 7 PMG - STATOR,P.M.G. IN Stock MEDIUM N/A BDE - Unit 7 PMG - STATOR,P.M.G. IN Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP,NON-CONTACT IN Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY,IRD PCB 29128 IN Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY,IRD PCB 29128 IN Stock MEDIUM N/A BDE - Unit 7 GENERATOR COOLING WATER SYSTEM - TRANSMITTER,DIFF IN Stock MEDIUM N/A	BDE - Unit 7 PMG - BEARING,SPEED SIGNAL	In Stock	MEDIUM	N/A
BDE - Unit 7 PMG - PLATE,MOUNTING - MERCURY BDE - Unit 7 PMG - RING,ROTOR BDE - Unit 7 PMG - PIN,ROCKER ARM BDE - Unit 7 PMG - PIN,ROCKER ARM BDE - Unit 7 PMG - BEARING,WW 1800125 BDE - Unit 7 PMG - BEARING,WW 111006 BDE - Unit 7 PMG - BEARING,WW 111006 BDE - Unit 7 PMG - BEARING,PMG P/N Z995205 BDE - Unit 7 PMG - BEARING,PMG P/N Z995205 BDE - Unit 7 PMG - PIN,BALLARM BDE - Unit 7 PMG - BUSHING,URETHANE UPPER D BDE - Unit 7 PMG - BUSHING,URETHANE LOWER D BDE - Unit 7 PMG - BUSHING,URETHANE LOWER D BDE - Unit 7 PMG - BALLARM,SPEED SWITCH BDE - Unit 7 PMG - PIN,TAPERED BDE - Unit 7 PMG - SPRING,SPEED SWITCH BDE - Unit 7 PMG - SPRING,SPEED SWITCH BDE - Unit 7 PMG - STATOR,P.M.G. BDE - Unit 7 VIBRATION MONITORING - PICK-UP,NON-CONTACT BDE - Unit 7 VIBRATION MONITORING - PICK-UP,SPEED SENSING BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY,IRD PCB 29128 BDE - Unit 7 GENERATOR COOLING WATER SYSTEM - TRANSMITTER,DIFF In Stock MEDIUM N/A BDE - Unit 7 GENERATOR COOLING WATER SYSTEM - TRANSMITTER,DIFF In Stock MEDIUM N/A	BDE - Unit 7 PMG - BUSHING, OILITE OVERSPEED SWITCH ASSEMBLY	In Stock	HIGH	N/A
BDE - Unit 7 PMG - RING,ROTOR BDE - Unit 7 PMG - PIN,ROCKER ARM BDE - Unit 7 PMG - BEARING,WW 1800125 BDE - Unit 7 PMG - BEARING,WW 111006 BDE - Unit 7 PMG - BEARING,WW 111006 BDE - Unit 7 PMG - BEARING,PMG P/N Z995205 In Stock MEDIUM N/A BDE - Unit 7 PMG - PIN,BALLARM BDE - Unit 7 PMG - BUSHING,URETHANE UPPER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE LOWER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BALLARM,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - PIN,TAPERED In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - STATOR,P.M.G. In Stock MEDIUM N/A BDE - Unit 7 PMG - STATOR,P.M.G. In Stock MEDIUM N/A BDE - Unit 7 PMG - STATOR, P.M.G. In Stock MEDIUM N/A BDE - Unit 7 PMG - STATOR PICK-UP,NON-CONTACT In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP,SPEED SENSING In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY,IRD PCB 29128 In Stock MEDIUM N/A BDE - Unit 7 GENERATOR COOLING WATER SYSTEM - TRANSMITTER,DIFF In Stock MEDIUM N/A	BDE - Unit 7 PMG - PIN,DOWEL - SPEED SWITCH	In Stock	MEDIUM	N/A
BDE - Unit 7 PMG - PIN,ROCKER ARM BDE - Unit 7 PMG - BEARING,WW 1800125 BDE - Unit 7 PMG - BEARING,WW 111006 BDE - Unit 7 PMG - BEARING,PMG P/N Z995205 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING,PMG P/N Z995205 In Stock MEDIUM N/A BDE - Unit 7 PMG - PIN,BALLARM In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE UPPER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE LOWER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BALLARM,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - STATOR,P.M.G. In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP,NON-CONTACT In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY,IRD PCB 29128 In Stock MEDIUM N/A BDE - Unit 7 GENERATOR COOLING WATER SYSTEM - TRANSMITTER,DIFF In Stock MEDIUM N/A	BDE - Unit 7 PMG - PLATE, MOUNTING - MERCURY	In Stock	HIGH	N/A
BDE - Unit 7 PMG - BEARING,WW 1800125 BDE - Unit 7 PMG - BEARING,WW 111006 BDE - Unit 7 PMG - BEARING,PMG P/N Z995205 In Stock MEDIUM N/A BDE - Unit 7 PMG - BEARING,PMG P/N Z995205 In Stock MEDIUM N/A BDE - Unit 7 PMG - PIN,BALLARM In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE UPPER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE LOWER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BALLARM,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - PIN,TAPERED In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - STATOR,P.M.G. In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP,NON-CONTACT In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP,SPEED SENSING In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY,IRD PCB 29128 In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY,IRD PCB 29128 In Stock MEDIUM N/A BDE - Unit 7 GENERATOR COOLING WATER SYSTEM - TRANSMITTER,DIFF In Stock MEDIUM N/A	BDE - Unit 7 PMG - RING,ROTOR	In Stock	HIGH	N/A
BDE - Unit 7 PMG - BEARING,WW 111006 BDE - Unit 7 PMG - BEARING,PMG P/N Z995205 In Stock MEDIUM N/A BDE - Unit 7 PMG - PIN,BALLARM In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE UPPER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE LOWER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE LOWER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BALLARM,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - PIN,TAPERED In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - STATOR,P.M.G. In Stock HIGH N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP,NON-CONTACT In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP,SPEED SENSING In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY,IRD PCB 29128 In Stock MEDIUM N/A BDE - Unit 7 GENERATOR COOLING WATER SYSTEM - TRANSMITTER,DIFF In Stock MEDIUM N/A	BDE - Unit 7 PMG - PIN,ROCKER ARM	In Stock	HIGH	N/A
BDE - Unit 7 PMG - BEARING,PMG P/N Z995205 BDE - Unit 7 PMG - PIN,BALLARM BDE - Unit 7 PMG - BUSHING,URETHANE UPPER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE UPPER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE LOWER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BALLARM,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - PIN,TAPERED In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - STATOR,P.M.G. In Stock HIGH N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP,NON-CONTACT In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP,SPEED SENSING In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY,IRD PCB 29128 In Stock MEDIUM N/A BDE - Unit 7 GENERATOR COOLING WATER SYSTEM - TRANSMITTER,DIFF In Stock MEDIUM N/A	BDE - Unit 7 PMG - BEARING,WW 1800125	In Stock	MEDIUM	N/A
BDE - Unit 7 PMG - PIN,BALLARM BDE - Unit 7 PMG - BUSHING,URETHANE UPPER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BUSHING,URETHANE LOWER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BALLARM,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - PIN,TAPERED In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - STATOR,P.M.G. In Stock HIGH N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP,NON-CONTACT In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP,SPEED SENSING In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY,IRD PCB 29128 In Stock MEDIUM N/A BDE - Unit 7 GENERATOR COOLING WATER SYSTEM - TRANSMITTER,DIFF In Stock MEDIUM N/A	BDE - Unit 7 PMG - BEARING,WW 111006	In Stock	MEDIUM	N/A
BDE - Unit 7 PMG - BUSHING,URETHANE UPPER D BDE - Unit 7 PMG - BUSHING,URETHANE LOWER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BALLARM,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - PIN,TAPERED In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - STATOR,P.M.G. In Stock HIGH N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP,NON-CONTACT In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP,SPEED SENSING In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY,IRD PCB 29128 In Stock MEDIUM N/A BDE - Unit 7 GENERATOR COOLING WATER SYSTEM - TRANSMITTER,DIFF In Stock MEDIUM N/A	BDE - Unit 7 PMG - BEARING,PMG P/N Z995205	In Stock	MEDIUM	N/A
BDE - Unit 7 PMG - BUSHING,URETHANE LOWER D In Stock MEDIUM N/A BDE - Unit 7 PMG - BALLARM,SPEED SWITCH In Stock MEDIUM N/A BDE - Unit 7 PMG - PIN,TAPERED In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - STATOR,P.M.G. In Stock HIGH N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP,NON-CONTACT In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP,SPEED SENSING In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY,IRD PCB 29128 In Stock MEDIUM N/A BDE - Unit 7 GENERATOR COOLING WATER SYSTEM - TRANSMITTER,DIFF In Stock MEDIUM N/A	BDE - Unit 7 PMG - PIN,BALLARM	In Stock	HIGH	N/A
BDE - Unit 7 PMG - BALLARM,SPEED SWITCH BDE - Unit 7 PMG - PIN,TAPERED In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING,SPEED SWITCH BDE - Unit 7 PMG - STATOR,P.M.G. In Stock HIGH N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP,NON-CONTACT BDE - Unit 7 VIBRATION MONITORING - PICK-UP,SPEED SENSING BDE - Unit 7 VIBRATION MONITORING - PICK-UP,SPEED SENSING BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY,IRD PCB 29128 BDE - Unit 7 GENERATOR COOLING WATER SYSTEM - TRANSMITTER,DIFF In Stock MEDIUM N/A N/A	BDE - Unit 7 PMG - BUSHING,URETHANE UPPER D	In Stock	MEDIUM	N/A
BDE - Unit 7 PMG - PIN, TAPERED In Stock MEDIUM N/A BDE - Unit 7 PMG - SPRING, SPEED SWITCH In Stock HIGH N/A BDE - Unit 7 PMG - STATOR, P.M.G. In Stock HIGH N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP, NON-CONTACT In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - PICK-UP, SPEED SENSING In Stock MEDIUM N/A BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY, IRD PCB 29128 In Stock HIGH N/A BDE - Unit 7 GENERATOR COOLING WATER SYSTEM - TRANSMITTER, DIFF In Stock MEDIUM N/A	BDE - Unit 7 PMG - BUSHING,URETHANE LOWER D	In Stock	MEDIUM	N/A
BDE - Unit 7 PMG - SPRING,SPEED SWITCH BDE - Unit 7 PMG - STATOR,P.M.G. BDE - Unit 7 VIBRATION MONITORING - PICK-UP,NON-CONTACT BDE - Unit 7 VIBRATION MONITORING - PICK-UP,SPEED SENSING BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY,IRD PCB 29128 BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY,IRD PCB 29128 BDE - Unit 7 GENERATOR COOLING WATER SYSTEM - TRANSMITTER,DIFF In Stock MEDIUM N/A	BDE - Unit 7 PMG - BALLARM, SPEED SWITCH	In Stock	HIGH	N/A
BDE - Unit 7 PMG - STATOR,P.M.G. BDE - Unit 7 VIBRATION MONITORING - PICK-UP,NON-CONTACT BDE - Unit 7 VIBRATION MONITORING - PICK-UP,SPEED SENSING BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY,IRD PCB 29128 BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY,IRD PCB 29128 BDE - Unit 7 GENERATOR COOLING WATER SYSTEM - TRANSMITTER,DIFF In Stock MEDIUM N/A	BDE - Unit 7 PMG - PIN,TAPERED	In Stock	MEDIUM	N/A
BDE - Unit 7 VIBRATION MONITORING - PICK-UP,NON-CONTACT BDE - Unit 7 VIBRATION MONITORING - PICK-UP,SPEED SENSING BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY,IRD PCB 29128 BDE - Unit 7 GENERATOR COOLING WATER SYSTEM - TRANSMITTER,DIFF In Stock MEDIUM N/A BDE - Unit 7 GENERATOR COOLING WATER SYSTEM - TRANSMITTER,DIFF In Stock MEDIUM N/A	BDE - Unit 7 PMG - SPRING,SPEED SWITCH	In Stock	HIGH	N/A
BDE - Unit 7 VIBRATION MONITORING - PICK-UP, SPEED SENSING BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY, IRD PCB 29128 In Stock HIGH N/A BDE - Unit 7 GENERATOR COOLING WATER SYSTEM - TRANSMITTER, DIFF In Stock MEDIUM N/A	BDE - Unit 7 PMG - STATOR,P.M.G.	In Stock	HIGH	N/A
BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY,IRD PCB 29128 In Stock HIGH N/A BDE - Unit 7 GENERATOR COOLING WATER SYSTEM - TRANSMITTER,DIFF In Stock MEDIUM N/A	BDE - Unit 7 VIBRATION MONITORING - PICK-UP, NON-CONTACT	In Stock	MEDIUM	N/A
BDE - Unit 7 GENERATOR COOLING WATER SYSTEM - TRANSMITTER, DIFF In Stock MEDIUM N/A	BDE - Unit 7 VIBRATION MONITORING - PICK-UP, SPEED SENSING	In Stock	MEDIUM	N/A
, , , , , , , , , , , , , , , , , , ,	BDE - Unit 7 VIBRATION MONITORING - POWER SUPPLY,IRD PCB 29128	In Stock	HIGH	N/A
BDE - Unit 7 WICKET GATES - GATE, WICKET In Stock HIGH N/A	BDE - Unit 7 GENERATOR COOLING WATER SYSTEM - TRANSMITTER, DIFF	In Stock	MEDIUM	N/A
	BDE - Unit 7 WICKET GATES - GATE, WICKET	In Stock	HIGH	N/A

BDE - Unit 7 SLIPRING/BRUSH RIGGING - Brushes In Stock MEDIUM N/A BDE - Unit 7 SURFACE AIR COOLERS - Tubes In Stock MEDIUM N/A BDE - Unit 7 SURFACE AIR COOLERS - Tubes In Stock MEDIUM N/A BDE - Unit 7 ROTOR - Pole In Stock HIGH N/A BDE - Unit 7 STATOR WINDINGS - Stator Bars In Stock HIGH N/A BDE - Unit 7 STATOR WINDINGS - Stator Bars In Stock HIGH N/A BDE - Unit 7 STATOR WINDINGS - Wedges In Stock HIGH N/A BDE - Unit 7 STATOR WINDINGS - Wedges In Stock HIGH N/A BDE - Unit 7 STATOR WINDINGS - Wedges In Stock HIGH N/A BDE - Unit 7 THRUST BEARING - Thrust Pads In Stock HIGH N/A BDE - Unit 7 THRUST BEARING - Rotating Ring In Stock HIGH N/A BDE - Unit 7 THRUST BEARING - Rotating Ring In Stock HIGH N/A BDE - PANEL STATION SERVICE - PH #2 - ACB CAT - ACCUMULATOR TANK - COIL AUTO AIR CHARGING SOLND In Stock HIGH N/A CAT - Governor Control System - CABLE DEFLECTOR FDBK AMP In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE PROPORTIONAL VLV In Stock HIGH N/A CAT - Governor Control System - CABLE DEFLE FORK AMP, In Stock HIGH N/A CAT - Governor Control System - CABLE DEFLE FORK AMP, In Stock HIGH N/A CAT - Governor Control System - CABLE DEGS ZVPU, In Stock HIGH N/A CAT - Governor Control System - CABLE DEGS ZVPU, In Stock HIGH N/A CAT - Governor Control System - CABLE DEGS ZVPU, In Stock HIGH N/A CAT - REPOLE VALVE ASS (6) - Cable BIRGNART STOPS In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT STOPS In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT STOPS In S	Critical Spare Component	Stock Status	Risk Score	Spare Cost >\$50,000
BDE - Unit 7 SURFACE AIR COOLERS - Tubes In Stock MEDIUM N/A BDE - Unit 7 NEUTRAL GROUND TRANSFORMER - transformer In Stock MEDIUM N/A BDE - Unit 7 NEUTRAL GROUND TRANSFORMER - transformer In Stock MEDIUM N/A BDE - Unit 7 STATOR WINDINGS - Stator Bars In Stock HIGH N/A BDE - Unit 7 STATOR WINDINGS - Stator Bars In Stock HIGH N/A BDE - Unit 7 STATOR WINDINGS - Wedges In Stock HIGH N/A BDE - Unit 7 GENERATOR GUIDE BEARING - segments In Stock HIGH N/A BDE - Unit 7 THRUST BEARING - Thrust Pads In Stock HIGH N/A BDE - Unit 7 THRUST BEARING - Rotating Ring In Stock HIGH N/A BDE - PANEL STATION SERVICE - PH #2 - ACB CAT - ACCUMULATOR TANK - COIL AUTO AIR CHARGING SOLND In Stock HIGH N/A CAT - Governor Control System - CABLE DEFLECTOR FDBK AMP In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE NEEDLE FDBK AMP, In Stock HIGH N/A CAT - Governor Control System - CABLE NEEDLE FDBK AMP, In Stock HIGH N/A CAT - Governor Control System - CABLE NEEDLE FDBK AMP, In Stock HIGH N/A CAT - Governor Control System - CABLE NEEDLE FDBK AMP, In Stock HIGH N/A CAT - Governor Control System - CABLE NEEDLE FDBK AMP, In Stock HIGH N/A CAT - Governor Control System - CABLE NEEDLE FDBK AMP, In Stock HIGH N/A CAT - Governor Control System - CABLE NEEDLE FDBK AMP, In Stock HIGH N/A CAT - Governor Control System - CABLE NEEDLE FDBK AMP, In Stock HIGH N/A CAT - Governor Control System - CABLE NEEDLE FDBK AMP, In Stock HIGH N/A CAT - Governor Control System - CABLE NEEDLE FDBK AMP, In Stock HIGH N/A CAT - Governor Control System - CABLE NEEDLE FDBK AMP, In Stock HIGH N/A CAT - Governor Control System - CABLE NEEDLE FDBK AMP, In Stock HIGH N/A CAT	BDE - Unit 7 SLIPRING/BRUSH RIGGING - Collector rings	In Stock	HIGH	N/A
BDE - Unit 7 NEUTRAL GROUND TRANSFORMER - transformer In Stock BDE - Unit 7 ROTOR - Pole In Stock BDE - Unit 7 ROTOR - Pole In Stock BDE - Unit 7 STATOR WINDINGS - Stator Bars In Stock BDE - Unit 7 STATOR WINDINGS - Stator Bars In Stock BDE - Unit 7 STATOR WINDINGS - Wedges In Stock BDE - Unit 7 GENERATOR GUIDE BEARING - segments In Stock BDE - Unit 7 THRUST BEARING - Thrust Pads In Stock BDE - Unit 7 THRUST BEARING - Thrust Pads In Stock BDE - Unit 7 THRUST BEARING - Rotating Ring In Stock BDE - Unit 7 THRUST BEARING - Rotating Ring In Stock BDE - PANEL STATION SERVICE - PH #2 - ACB In Stock AT - ACCUMULATOR TANK - COIL AUTO AIR CHARGING SOLND In Stock BIGH N/A CAT - Governor Control System - CABLE DEFLECTOR FDBK AMP In Stock BIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock BIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock BIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock BIGH N/A CAT - Governor Control System - CABLE PEEDBACK 50' In Stock BIGH N/A CAT - Governor Control System - CABLE PEEDBACK 50' In Stock BIGH N/A CAT - Governor Control System - CABLE PEEDBACK 50' In Stock BIGH N/A CAT - Governor Control System - CABLE PROPORTIONAL VLV In Stock BIGH N/A CAT - Governor Control System - CABLE PROPORTIONAL VLV In Stock BIGH N/A CAT - Governor Control System - Power Supply In Stock BIGH N/A CAT - Governor Control System - Power Supply In Stock BIGH N/A CAT - Governor Control System - Power Supply In Stock BIGH N/A CAT - Governor Control System - Power Supply In Stock BIGH N/A CAT - REDLLE VALVE ASS (6) - Shuttle Valve In Stock BIGH N/A CAT - NEEDLLE VALVE ASS (6) - Casing guide U/S In Stock BIGH N/A CAT - NEEDLLE VALVE ASS (6) - Casing guide U/S In Stock BIGH N/A CAT - NEEDLLE VALVE ASS (6) - Readle seat In Stock BIGH N/A CAT - NEEDLLE VALVE ASS (6) - Readle seat In Stock BIGH N/A CAT - NEEDLLE VALVE ASS (6) - CABLE AIRCRAFT In Stock MEDIUM N/A CAT - NEEDLLE VALVE ASS (6) - CABLE AIRCRAFT In Stock MEDIUM N/A	BDE - Unit 7 SLIPRING/BRUSH RIGGING - Brushes	In Stock	MEDIUM	N/A
BDE - Unit 7 ROTOR - Pole BDE - Unit 7 STATOR WINDINGS - Stator Bars In Stock HIGH N/A BDE - Unit 7 STATOR WINDINGS - Wedges BDE - Unit 7 GENERATOR GUIDE BEARING - segments BDE - Unit 7 GENERATOR GUIDE BEARING - segments In Stock HIGH N/A BDE - Unit 7 THRUST BEARING - Thrust Pads In Stock HIGH N/A BDE - Unit 7 THRUST BEARING - Thrust Pads In Stock HIGH N/A BDE - Unit 7 THRUST BEARING - Rotating Ring In Stock HIGH N/A BDE - PANEL STATION SERVICE - PH #2 - ACB In Stock HIGH N/A BDE - PANEL STATION SERVICE - PH #2 - ACB In Stock HIGH N/A CAT - Governor Control System - CABLE DEFLECTOR FDBK AMP In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE, REEDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE, REEDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE, PEPDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE, PEPDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE, PEPDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE, PEPDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE, PEPDPORTIONAL VLV In Stock HIGH N/A CAT - Governor Control System - Power Supply In Stock HIGH N/A CAT - Governor Control System - Power Supply In Stock HIGH N/A CAT - Governor Control System - Power Supply In Stock HIGH N/A CAT - REPULE VALVE ASS (6) - Shuttle Valve CAT - NEEDLE VALVE ASS (6) - Shuttle Valve In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A	BDE - Unit 7 SURFACE AIR COOLERS - Tubes	In Stock	MEDIUM	N/A
BDE - Unit 7 STATOR WINDINGS - Stator Bars In Stock HIGH N/A BDE - Unit 7 STATOR WINDINGS - Wedges In Stock HIGH N/A BDE - Unit 7 GENERATOR GUIDE BEARING - segments In Stock HIGH N/A BDE - Unit 7 THRUST BEARING - Thrust Pads BDE - Unit 7 THRUST BEARING - Rotating Ring BDE - Unit 7 THRUST BEARING - Rotating Ring BDE - Unit 7 THRUST BEARING - Rotating Ring In Stock HIGH N/A BDE - PANEL STATION SERVICE - PH #2 - ACB CAT - ACCUMULATOR TANK - COIL AUTO AIR CHARGING SOLND In Stock HIGH N/A CAT - Governor Control System - CABLE DEFLECTOR FDBK AMP In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE PROPORTIONAL VLV In Stock HIGH N/A CAT - Governor Control System - CABLE PROPORTIONAL VLV In Stock HIGH N/A CAT - Governor Control System - Power Supply In Stock MEDIUM N/A CAT - Governor Control System - Power Supply In Stock HIGH N/A CAT - Governor Control System - Power Supply 24V In Stock MEDIUM N/A CAT - Governor - JOINT, UNIVERSAL SSG #1787058 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Shuttle Valve In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CONNECTOR, MINIATURE CHAIN In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Connector, MINIATURE CHAIN In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide U/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A	BDE - Unit 7 NEUTRAL GROUND TRANSFORMER - transformer	In Stock	MEDIUM	N/A
BDE - Unit 7 STATOR WINDINGS - Wedges In Stock HIGH N/A BDE - Unit 7 GENERATOR GUIDE BEARING - segments In Stock HIGH N/A BDE - Unit 7 THRUST BEARING - Thrust Pads In Stock HIGH N/A BDE - Unit 7 THRUST BEARING - Rotating Ring In Stock HIGH N/A BDE - PANEL STATION SERVICE - PH #2 - ACB In Stock HIGH N/A BDE - PANEL STATION SERVICE - PH #2 - ACB In Stock HIGH N/A CAT - ACCUMULATOR TANK - COIL AUTO AIR CHARGING SOLND In Stock HIGH N/A CAT - Governor Control System - CABLE DEFLECTOR FDBK AMP CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE PROPORTIONAL VLV In Stock HIGH N/A CAT - Governor Control System - CABLE PROPORTIONAL VLV In Stock HIGH N/A CAT - Governor Control System - CABLE PROPORTIONAL VLV In Stock HIGH N/A CAT - Governor Control System - CABLE 90 DEG.5' ZVPU, In Stock HIGH N/A CAT - Governor Control System - Power Supply In Stock MEDIUM N/A CAT - Governor Control System - Power Supply In Stock HIGH N/A CAT - Governor Control System - Power Supply In Stock HIGH N/A CAT - Governor Control System - Power Supply 24V In Stock MEDIUM N/A CAT - Governor Control System - Power Supply 24V In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Tip In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide U/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A	BDE - Unit 7 ROTOR - Pole	In Stock	HIGH	N/A
BDE - Unit 7 GENERATOR GUIDE BEARING - segments In Stock HIGH N/A BDE - Unit 7 THRUST BEARING - Thrust Pads DE - Unit 7 THRUST BEARING - Rotating Ring In Stock HIGH N/A BDE - Unit 7 THRUST BEARING - Rotating Ring In Stock HIGH N/A BDE - PANEL STATION SERVICE - PH #2 - ACB CAT - ACCUMULATOR TANK - COIL AUTO AIR CHARGING SOLND In Stock HIGH N/A CAT - Governor Control System - CABLE DEFLECTOR FDBK AMP In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE PREDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE PROPORTIONAL VLV In Stock HIGH N/A CAT - Governor Control System - CABLE PROPORTIONAL VLV In Stock HIGH N/A CAT - Governor Control System - CABLE DEG. S' ZVPU, In Stock HIGH N/A CAT - Governor Control System - Power Supply In Stock MEDIUM N/A CAT - Governor Control System - Power Supply In Stock MEDIUM N/A CAT - Governor Control System - Power Supply 24V In Stock HIGH N/A CAT - Governor Control System - Power Supply 24V In Stock HIGH N/A CAT - Governor Control System - Power Supply 24V In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Shuttle Valve In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CONNECTOR, MINIATURE CHAIN In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CONNECTOR, MINIATURE CHAIN In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Connector, MINIATURE CHAIN In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CASING guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CASING guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CASING guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CASING guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CASING guide D/S In Stock HIGH N/A	BDE - Unit 7 STATOR WINDINGS - Stator Bars	In Stock	HIGH	N/A
BDE - Unit 7 THRUST BEARING - Thrust Pads BDE - Unit 7 THRUST BEARING - Rotating Ring In Stock HIGH N/A BDE - Unit 7 THRUST BEARING - Rotating Ring In Stock HIGH N/A BDE - PANEL STATION SERVICE - PH #2 - ACB In Stock HIGH YES CAT - ACCUMULATOR TANK - COIL AUTO AIR CHARGING SOLND In Stock HIGH N/A CAT - Governor Control System - CABLE DEFLECTOR FDBK AMP In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE, FEEDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE, FEEDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE, PROPORTIONAL VLV In Stock HIGH N/A CAT - Governor Control System - CABLE, PROPORTIONAL VLV In Stock HIGH N/A CAT - Governor Control System - CABLE, PROPORTIONAL VLV In Stock HIGH N/A CAT - Governor Control System - Power Supply In Stock MEDIUM N/A CAT - Governor Control System - Power Supply In Stock MEDIUM N/A CAT - Governor - JOINT, UNIVERSAL SSG #1787058 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Tip In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CONNECTOR, MINIATURE CHAIN In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide U/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide U/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A	BDE - Unit 7 STATOR WINDINGS - Wedges	In Stock	HIGH	N/A
BDE - Unit 7 THRUST BEARING - Rotating Ring BDE - PANEL STATION SERVICE - PH #2 - ACB In Stock BDE - PANEL STATION SERVICE - PH #2 - ACB In Stock BDE - PANEL STATION SERVICE - PH #2 - ACB In Stock AIGH In Stock HIGH YES CAT - ACCUMULATOR TANK - COIL AUTO AIR CHARGING SOLND In Stock HIGH N/A CAT - Governor Control System - CABLE DEFLECTOR FDBK AMP In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 200' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE, NEEDLE FDBK AMP, In Stock HIGH N/A CAT - Governor Control System - CABLE PROPORTIONAL VLV In Stock HIGH N/A CAT - Governor Control System - CABLE PROPORTIONAL VLV In Stock HIGH N/A CAT - Governor Control System - Power Supply In Stock HIGH N/A CAT - Governor Control System - Power Supply 24V In Stock MEDIUM N/A CAT - Governor - JOINT, UNIVERSAL SSG #1787058 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Shuttle Valve In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide U/S CAT - NEEDLE VALVE ASS (6) - Casing guide D/S CAT - NEEDLE VALVE ASS (6) - Readle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Needle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Needle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Needle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Needle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Needle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Needle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Needle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Needle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Needle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A	BDE - Unit 7 GENERATOR GUIDE BEARING - segments	In Stock	HIGH	N/A
BDE - PANEL STATION SERVICE - PH #2 - ACB In Stock HIGH YES CAT - ACCUMULATOR TANK - COIL AUTO AIR CHARGING SOLND In Stock HIGH N/A CAT - Governor Control System - CABLE DEFLECTOR FDBK AMP In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 200' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 200' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE, NEEDLE FDBK AMP, In Stock HIGH N/A CAT - Governor Control System - CABLE, NEEDLE FDBK AMP, In Stock HIGH N/A CAT - Governor Control System - CABLE, NEEDLE FDBK AMP, In Stock HIGH N/A CAT - Governor Control System - CABLE, NEEDLE FDBK AMP, In Stock HIGH N/A CAT - Governor Control System - CABLE, NEEDLE FDBK AMP, In Stock HIGH N/A CAT - Governor Control System - CABLE, NEEDLE FDBK AMP, In Stock HIGH N/A CAT - Governor Control System - Power Supply In Stock MEDIUM N/A CAT - Governor Control System - Power Supply 24V In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - Tip In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Shuttle Valve In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CONNECTOR, MINIATURE CHAIN In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide U/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide U/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Reedle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Reedle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A	BDE - Unit 7 THRUST BEARING - Thrust Pads	In Stock	HIGH	N/A
CAT - ACCUMULATOR TANK - COIL AUTO AIR CHARGING SOLND CAT - Governor Control System - CABLE DEFLECTOR FDBK AMP In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 200' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 200' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE PROPORTIONAL VLV In Stock HIGH N/A CAT - Governor Control System - CABLE PROPORTIONAL VLV In Stock HIGH N/A CAT - Governor Control System - Power Supply In Stock MEDIUM N/A CAT - Governor Control System - Power Supply In Stock MEDIUM N/A CAT - Governor Control System - Power Supply 24V In Stock HIGH N/A CAT - Governor - JOINT, UNIVERSAL SSG #1787058 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Tip In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Shuttle Valve In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CONNECTOR, MINIATURE CHAIN In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide U/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A	BDE - Unit 7 THRUST BEARING - Rotating Ring	In Stock	HIGH	N/A
CAT - Governor Control System - CABLE DEFLECTOR FDBK AMP CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 200' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE, NEEDLE FDBK AMP, In Stock HIGH N/A CAT - Governor Control System - CABLE, NEEDLE FDBK AMP, In Stock HIGH N/A CAT - Governor Control System - CABLE PROPORTIONAL VLV In Stock HIGH N/A CAT - Governor Control System - CABLE 90 DEG.5' ZVPU, In Stock MEDIUM N/A CAT - Governor Control System - Power Supply In Stock MEDIUM N/A CAT - Governor - JOINT, UNIVERSAL SSG #1787058 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Tip CAT - NEEDLE VALVE ASS (6) - Shuttle Valve In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CONNECTOR, MINIATURE CHAIN In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide U/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - BUSHING NOZZLE 374527007/P001 In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A	BDE - PANEL STATION SERVICE - PH #2 - ACB	In Stock	HIGH	YES
CAT - Governor Control System - CABLE FEEDBACK 20' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 200' In Stock HIGH N/A CAT - Governor Control System - CABLE FEEDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE, NEEDLE FDBK AMP, CAT - Governor Control System - CABLE, NEEDLE FDBK AMP, CAT - Governor Control System - CABLE PROPORTIONAL VLV In Stock HIGH N/A CAT - Governor Control System - CABLE90 DEG.5' ZVPU, In Stock HIGH N/A CAT - Governor Control System - Power Supply In Stock MEDIUM N/A CAT - Governor Control System - Power Supply In Stock MEDIUM N/A CAT - Governor Control System - Power Supply 24V In Stock MEDIUM N/A CAT - Governor - JOINT, UNIVERSAL SSG #1787058 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Tip In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Shuttle Valve In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CONNECTOR, MINIATURE CHAIN In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide U/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Reedle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Reedle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Reedle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A	CAT - ACCUMULATOR TANK - COIL AUTO AIR CHARGING SOLND	In Stock	HIGH	N/A
CAT - Governor Control System - CABLE FEEDBACK 200' CAT - Governor Control System - CABLE FEEDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE, NEEDLE FDBK AMP, CAT - Governor Control System - CABLE, NEEDLE FDBK AMP, CAT - Governor Control System - CABLE PROPORTIONAL VLV In Stock HIGH N/A CAT - Governor Control System - CABLE90 DEG.5' ZVPU, In Stock HIGH N/A CAT - Governor Control System - Power Supply In Stock MEDIUM N/A CAT - Governor Control System - Power Supply 24V In Stock MEDIUM N/A CAT - Governor - JOINT, UNIVERSAL SSG #1787058 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Tip In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Shuttle Valve In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CONNECTOR, MINIATURE CHAIN CAT - NEEDLE VALVE ASS (6) - Casing guide U/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Needle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing Guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing Guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Cable Seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A	CAT - Governor Control System - CABLE DEFLECTOR FDBK AMP	In Stock	HIGH	N/A
CAT - Governor Control System - CABLE FEEDBACK 50' In Stock HIGH N/A CAT - Governor Control System - CABLE, NEEDLE FDBK AMP, CAT - Governor Control System - CABLE PROPORTIONAL VLV In Stock HIGH N/A CAT - Governor Control System - CABLE PROPORTIONAL VLV In Stock HIGH N/A CAT - Governor Control System - CABLE 90 DEG.5' ZVPU, In Stock HIGH N/A CAT - Governor Control System - Power Supply In Stock MEDIUM N/A CAT - Governor Control System - Power Supply 24V In Stock MEDIUM N/A CAT - Governor - JOINT, UNIVERSAL SSG #1787058 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Tip In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Shuttle Valve In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CONNECTOR, MINIATURE CHAIN In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide U/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Needle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Needle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Redele seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - BUSHING NOZZLE 374527007/P001 In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT 20, In Stock MEDIUM N/A	CAT - Governor Control System - CABLE FEEDBACK 20'	In Stock	HIGH	N/A
CAT - Governor Control System - CABLE,NEEDLE FDBK AMP, CAT - Governor Control System - CABLE PROPORTIONAL VLV In Stock HIGH N/A CAT - Governor Control System - CABLE90 DEG.5' ZVPU, In Stock HIGH N/A CAT - Governor Control System - Power Supply In Stock MEDIUM N/A CAT - Governor Control System - Power Supply 24V In Stock MEDIUM N/A CAT - Governor - JOINT,UNIVERSAL SSG #1787058 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Tip In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Shuttle Valve In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CONNECTOR, MINIATURE CHAIN CAT - NEEDLE VALVE ASS (6) - Casing guide U/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Needle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Reedle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Reedle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Reedle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A	CAT - Governor Control System - CABLE FEEDBACK 200'	In Stock	HIGH	N/A
CAT - Governor Control System - CABLE PROPORTIONAL VLV CAT - Governor Control System - CABLE90 DEG.5' ZVPU, In Stock HIGH N/A CAT - Governor Control System - Power Supply In Stock MEDIUM N/A CAT - Governor Control System - Power Supply 24V In Stock MEDIUM N/A CAT - Governor - JOINT, UNIVERSAL SSG #1787058 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Tip In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Shuttle Valve In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CONNECTOR, MINIATURE CHAIN In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide U/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Needle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Needle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - BUSHING NOZZLE 374527007/P001 In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A	CAT - Governor Control System - CABLE FEEDBACK 50'	In Stock	HIGH	N/A
CAT - Governor Control System - CABLE90 DEG.5' ZVPU, CAT - Governor Control System - Power Supply In Stock MEDIUM N/A CAT - Governor Control System - Power Supply 24V In Stock MEDIUM N/A CAT - Governor Control System - Power Supply 24V In Stock MEDIUM N/A CAT - Governor - JOINT,UNIVERSAL SSG #1787058 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Tip In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Shuttle Valve In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CONNECTOR, MINIATURE CHAIN In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide U/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Needle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - BUSHING NOZZLE 374527007/P001 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A	CAT - Governor Control System - CABLE, NEEDLE FDBK AMP,	In Stock	HIGH	N/A
CAT - Governor Control System - Power Supply CAT - Governor Control System - Power Supply 24V In Stock MEDIUM N/A CAT - Governor - JOINT, UNIVERSAL SSG #1787058 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Tip In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Shuttle Valve In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CONNECTOR, MINIATURE CHAIN In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide U/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Needle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Needle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - BUSHING NOZZLE 374527007/P001 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A	CAT - Governor Control System - CABLE PROPORTIONAL VLV	In Stock	HIGH	N/A
CAT - Governor Control System - Power Supply 24V CAT - Governor - JOINT, UNIVERSAL SSG #1787058 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Tip In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Shuttle Valve In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CONNECTOR, MINIATURE CHAIN In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide U/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Needle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Needle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - BUSHING NOZZLE 374527007/P001 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT 20, In Stock MEDIUM N/A	CAT - Governor Control System - CABLE90 DEG.5' ZVPU,	In Stock	HIGH	N/A
CAT - Governor - JOINT, UNIVERSAL SSG #1787058 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Tip In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Shuttle Valve In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CONNECTOR, MINIATURE CHAIN CAT - NEEDLE VALVE ASS (6) - Casing guide U/S CAT - NEEDLE VALVE ASS (6) - Casing guide D/S CAT - NEEDLE VALVE ASS (6) - Casing guide D/S CAT - NEEDLE VALVE ASS (6) - Needle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - BUSHING NOZZLE 374527007/P001 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT 20, In Stock MEDIUM N/A	CAT - Governor Control System - Power Supply	In Stock	MEDIUM	N/A
CAT - NEEDLE VALVE ASS (6) - Tip CAT - NEEDLE VALVE ASS (6) - Shuttle Valve In Stock In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CONNECTOR, MINIATURE CHAIN CAT - NEEDLE VALVE ASS (6) - Casing guide U/S CAT - NEEDLE VALVE ASS (6) - Casing guide D/S CAT - NEEDLE VALVE ASS (6) - Casing guide D/S In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Needle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - Needle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - BUSHING NOZZLE 374527007/P001 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT 20, In Stock MEDIUM N/A	CAT - Governor Control System - Power Supply 24V	In Stock	MEDIUM	N/A
CAT - NEEDLE VALVE ASS (6) - Shuttle Valve CAT - NEEDLE VALVE ASS (6) - CONNECTOR, MINIATURE CHAIN CAT - NEEDLE VALVE ASS (6) - Casing guide U/S CAT - NEEDLE VALVE ASS (6) - Casing guide D/S CAT - NEEDLE VALVE ASS (6) - Casing guide D/S CAT - NEEDLE VALVE ASS (6) - Needle seat CAT - NEEDLE VALVE ASS (6) - Needle seat CAT - NEEDLE VALVE ASS (6) - BUSHING NOZZLE 374527007/P001 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - BUSHING NOZZLE 374527007/P001 In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A	CAT - Governor - JOINT,UNIVERSAL SSG #1787058	In Stock	HIGH	N/A
CAT - NEEDLE VALVE ASS (6) - CONNECTOR, MINIATURE CHAIN CAT - NEEDLE VALVE ASS (6) - Casing guide U/S CAT - NEEDLE VALVE ASS (6) - Casing guide D/S CAT - NEEDLE VALVE ASS (6) - Casing guide D/S CAT - NEEDLE VALVE ASS (6) - Needle seat In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - BUSHING NOZZLE 374527007/P001 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - BUSHING NOZZLE 374527007/P001 In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A	CAT - NEEDLE VALVE ASS (6) - Tip	In Stock	HIGH	N/A
CAT - NEEDLE VALVE ASS (6) - Casing guide U/S CAT - NEEDLE VALVE ASS (6) - Casing guide D/S CAT - NEEDLE VALVE ASS (6) - Needle seat CAT - NEEDLE VALVE ASS (6) - Needle seat CAT - NEEDLE VALVE ASS (6) - BUSHING NOZZLE 374527007/P001 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - BUSHING NOZZLE 374527007/P001 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT 20, In Stock MEDIUM N/A	CAT - NEEDLE VALVE ASS (6) - Shuttle Valve	In Stock	HIGH	N/A
CAT - NEEDLE VALVE ASS (6) - Casing guide D/S CAT - NEEDLE VALVE ASS (6) - Needle seat CAT - NEEDLE VALVE ASS (6) - Needle seat CAT - NEEDLE VALVE ASS (6) - BUSHING NOZZLE 374527007/P001 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT 20, In Stock MEDIUM N/A	CAT - NEEDLE VALVE ASS (6) - CONNECTOR, MINIATURE CHAIN	In Stock	HIGH	N/A
CAT - NEEDLE VALVE ASS (6) - Needle seat CAT - NEEDLE VALVE ASS (6) - BUSHING NOZZLE 374527007/P001 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT 20, In Stock MEDIUM N/A	CAT - NEEDLE VALVE ASS (6) - Casing guide U/S	In Stock	HIGH	N/A
CAT - NEEDLE VALVE ASS (6) - BUSHING NOZZLE 374527007/P001 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT 20, In Stock MEDIUM N/A	CAT - NEEDLE VALVE ASS (6) - Casing guide D/S	In Stock	HIGH	N/A
CAT - NEEDLE VALVE ASS (6) - BUSHING NOZZLE 374527007/P001 In Stock HIGH N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT, In Stock MEDIUM N/A CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT 20, In Stock MEDIUM N/A	CAT - NEEDLE VALVE ASS (6) - Needle seat	In Stock	HIGH	N/A
CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT 20, In Stock MEDIUM N/A	CAT - NEEDLE VALVE ASS (6) - BUSHING NOZZLE 374527007/P001	In Stock	HIGH	N/A
	CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT,	In Stock	MEDIUM	N/A
CAT - NEEDLE VALVE ASS (6) - CHAIN,DBS FCS-A1-15 In Stock HIGH N/A	CAT - NEEDLE VALVE ASS (6) - CABLE AIRCRAFT 20,	In Stock	MEDIUM	N/A
	CAT - NEEDLE VALVE ASS (6) - CHAIN,DBS FCS-A1-15	In Stock	HIGH	N/A

Critical Spare Component	Stock Status	Risk Score	Spare Cost >\$50,000
CAT - NEEDLE VALVE ASS (6) - CONTROL DEVICE, NEEDLE	In Stock	HIGH	N/A
CAT - NEEDLE VALVE ASS (6) - CONNECTOR, MINIATURE CHAIN	In Stock	HIGH	N/A
CAT - NEEDLE VALVE ASS (6) - Amplifer/proportional	In Stock	HIGH	N/A
CAT - NEEDLE VALVE ASS (6) - seal piston ring	In Stock	MEDIUM	N/A
CAT - NEEDLE VALVE ASS (6) - Seal	In Stock	MEDIUM	N/A
CAT - Electronic Governor - BUSHING CABLE PROP VLV,	In Stock	HIGH	N/A
CAT - Electronic Governor - CONNECTOR, MLDT ROD BALL	In Stock	HIGH	N/A
CAT - Electronic Governor - CONVERTER, SERIAL/ETHERNET	In Stock	HIGH	N/A
CAT - Electronic Governor - HOLDER, CIRCUIT BREAKER	In Stock	HIGH	N/A
CAT - Electronic Governor - INTERFACE,ETHERNET VERSA	In Stock	HIGH	N/A
CAT - Electronic Governor - MODULE,GE AMPLIFIER	In Stock	HIGH	N/A
CAT - Electronic Governor - MODULE,GE PT INTERFACE	In Stock	HIGH	N/A
CAT - Electronic Governor - MODULE, PLUG-IN DIODE	In Stock	HIGH	N/A
CAT - Electronic Governor - MODULE, VERSAMAX 16 PT	In Stock	HIGH	N/A
CAT - Electronic Governor - MODULE, VERSAMAX 32 PT	In Stock	HIGH	N/A
CAT - Electronic Governor - MODULE, VERSAMAX 4 AO	In Stock	HIGH	N/A
CAT - Electronic Governor - PC,ATLAS VX WORKS	In Stock	HIGH	N/A
CAT - Electronic Governor - VERSAMAX powersupply	In Stock	HIGH	N/A
CAT - Electronic Governor - PROBE,SPEED ZVPU	In Stock	HIGH	N/A
CAT - Electronic Governor - RELAY,14 PIN PLUG 24VDC	In Stock	HIGH	N/A
CAT - Electronic Governor - LVDT deflector	In Stock	HIGH	N/A
CAT - Electronic Governor - Pos.Xducer	In Stock	HIGH	N/A
CAT - Electronic Governor - POs.Xducer	In Stock	HIGH	N/A
CAT - Electronic Governor - Deflector proportional	In Stock	HIGH	N/A
CAT - Electronic Governor - Rod vdeflector	In Stock	HIGH	N/A
CAT - Electronic Governor - PC, Atlas 2	In Stock	HIGH	N/A
CAT - Electronic Governor - Guide Ball Slide	In Stock	HIGH	N/A
CAT - Governor Hydraulics - ELEMENT,FILTER SM 10	In Stock	MEDIUM	N/A
CAT - Governor Hydraulics - ELEMENT,FILTER SM 25	In Stock	MEDIUM	N/A
CAT - Governor Hydraulics - PLUG,C/V 010168-390-163	In Stock	HIGH	N/A
CAT - Governor Hydraulics - PLUG,C/V 021002-281-208	In Stock	HIGH	N/A
CAT - Governor Hydraulics - PLUG,ESCHER WYSS	In Stock	HIGH	N/A

Critical Spare Component	Stock Status	Risk Score	Spare Cost >\$50,000
CAT - Governor Hydraulics - Deflector valve	In Stock	HIGH	N/A
CAT - Governor Hydraulics - Piston seal 725X8 X3/8	In Stock	MEDIUM	N/A
CAT - Governor Hydraulics - Piston seal 9X8X1/2	In Stock	MEDIUM	N/A
CAT - Governor Hydraulics - Seal	In Stock	MEDIUM	N/A
CAT - Governor Hydraulics - Pressure Switch	In Stock	MEDIUM	N/A
CAT - Governor Hydraulics - OIL, TURBINE 46 (205L)	In Stock	MEDIUM	N/A
CAT - POWER TUNNEL (ROCKCUT) - Seal, Adit Door	In Stock	HIGH	N/A
CAT - ROTOR - GENERATOR - Pole	In Stock	HIGH	N/A
CAT - Turbine - Runner	In Stock	HIGH	N/A
CAT - GENERATOR - MODULE, TYP 1CD 108 M 2-02 vibro-meter	In Stock	MEDIUM	N/A
CAT - GENERATOR - OVERCURRENT relay	In Stock	MEDIUM	N/A
CAT - GENERATOR - RELAY,TIME DELAY .6 - 1.0	In Stock	MEDIUM	N/A
CAT - GENERATOR - rotating ring	In Stock	HIGH	N/A
CAT - GENERATOR - INSLTR,SLIP RING	In Stock	MEDIUM	N/A
CAT - GENERATOR - Brake ring	In Stock	HIGH	N/A
CAT - GENERATOR - Brake valve	In Stock	HIGH	N/A
CAT - GENERATOR - Brake Solenoid	In Stock	HIGH	N/A
CAT - Isolated Phase Bus - PT fuse	In Stock	MEDIUM	N/A
CAT - STATION SERVICE SYSTEM - COIL, CLOSING 129 V DC	In Stock	HIGH	N/A
CAT - STATION SERVICE SYSTEM - Arc Chute	In Stock	HIGH	N/A
CAT - STATION SERVICE SYSTEM - Trip Coil	In Stock	HIGH	N/A
CAT - STATION SERVICE SYSTEM - Main Drawout Contact	In Stock	HIGH	N/A
CAT - STATION SERVICE SYSTEM - Contact Moving Arc	In Stock	HIGH	N/A
CAT - STATION SERVICE SYSTEM - Contat Stationary Arc	In Stock	HIGH	N/A
CAT - STATION SERVICE SYSTEM - Undervoltage Coil	In Stock	HIGH	N/A
CAT - STATION SERVICE SYSTEM - Contact 1600Amp	In Stock	HIGH	N/A
CAT - STATION SERVICE SYSTEM - CT 400-800	In Stock	HIGH	N/A
CAT - STATION SERVICE SYSTEM - CT 800-1600	In Stock	HIGH	N/A
CAT - SURFACE AIR COOLERS - Surface Air Cooler	In Stock	HIGH	N/A
CAT - Stator Assembly - BAR STATOR BOTTOM,	In Stock	HIGH	N/A
CAT - Stator Assembly - BAR STATOR TOP,	In Stock	HIGH	N/A
CAT - Stator Assembly - CAP STATOR WINDING END,	In Stock	HIGH	N/A

Critical Spare Component	Stock Status	Risk Score	Spare Cost >\$50,000
CAT - Stator Assembly - JUMPER, STATOR ASM 105	In Stock	HIGH	N/A
CAT - Stator Assembly - JUMPER, STATOR ASM 107	In Stock	HIGH	N/A
CAT - Stator Assembly - JUMPER, STATOR ASM 108	In Stock	HIGH	N/A
CAT - Stator Assembly - JUMPER, STATOR ASM 109	In Stock	HIGH	N/A
CAT - Stator Assembly - JUMPER, STATOR WINDING	In Stock	HIGH	N/A
CAT - Stator Assembly - JUMPER, STATOR WINDING	In Stock	HIGH	N/A
CAT - Stator Assembly - JUMPER, STATOR WINDING	In Stock	HIGH	N/A
CAT - Stator Assembly - Wedge	In Stock	HIGH	N/A
CAT - Stator Assembly - Wedge	In Stock	HIGH	N/A
CAT - Stator Assembly - Connector	In Stock	HIGH	N/A
CAT - Stator Assembly - Slider	In Stock	HIGH	N/A
CAT - Stator Assembly - Slider	In Stock	HIGH	N/A
CAT - Stator Assembly - Slider	In Stock	HIGH	N/A
CAT - Exciter # 1 - COIL,SHUNT CLOSING	In Stock	HIGH	N/A
CAT - Exciter # 1 - COIL,SHUNT OPENING	In Stock	HIGH	N/A
CAT - Exciter # 1 - CONTACT,ISOLATING	In Stock	HIGH	N/A
CAT - Exciter # 1 - MODULE, THYRISTOR BRIDGE	In Stock	HIGH	N/A
CAT - Exciter # 1 - SUPPLY,110-220 VOLT	In Stock	HIGH	N/A
CAT - Exciter # 1 - Breaker	In Stock	HIGH	N/A
CAT - Exciter # 1 - Arc Chute	In Stock	HIGH	N/A
CAT - Exciter # 1 - Control Board	In Stock	HIGH	N/A
CAT - Exciter # 1 - I/O ANALOG BOARD CONTROL,	In Stock	HIGH	N/A
CAT - Exciter # 1 - DIGITAL I/O BOARD,	In Stock	HIGH	N/A
CAT - Exciter # 1 - PANEL,CONTROL	In Stock	HIGH	N/A
CAT - Exciter # 1 - BOARD POWER SYSTEM STABI,	In Stock	HIGH	N/A
CAT - Exciter # 1 - BOARD MEASURING,	In Stock	HIGH	N/A
CAT - Exciter # 1 - MOTOR,CHARGING	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CONTROL BOARD,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD ABB HIER319619R2,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD ABB KX9170A V1,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD ABB UN 2010B-P,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD ABB UNC001D-E,	In Stock	HIGH	N/A

Critical Spare Component	Stock Status	Risk Score	Spare Cost >\$50,000
CAT - EXCITER NO. 2 - CARD ABB UNS0026A-P,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD\ ABB UN0014B-P,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD ABB UN0016A-P,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD ABB UN0025A-P,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD ABB UN0026A-P,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD ABB UN0027A-P,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD ABB UN0031A-P,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD ABB UN004A-P,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD ABB UN0079A-P,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD ABB UN0083A-P,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD ABB UN0089A-P,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD ABB UN0091A-P,CARD ABB UN0093A-P,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD ABB UN0503A-P,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - Unitrol Card	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - Thyristor	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - Transformer	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - Field Voltage Transducer	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - Shunt Volltage Transducer	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - Analog Input Transducer	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - Fuse 600Amp	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD ABB UN0510C-9,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD ABB UN0516A,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD ABB UN0900B-P,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD ABB UN0901B-P,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD ABB UN1001C-P,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD ABB UN1004A-P,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - COIL,SHUNT CLOSING	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - COIL,125 VOLT 60HZ	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD\ ABB UN1004A-P,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD ABB UN1024C-P,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD ABB 1WX 174-2,	In Stock	HIGH	N/A
CAT - EXCITER NO. 2 - CARD BBC UN0077AP,	In Stock	HIGH	N/A

Critical Spare Component	Stock Status	Risk Score	Spare Cost >\$50,000
CAT - EXCITER NO. 2 - CARD,BBC UN2001F-P	In Stock	HIGH	N/A
CAT - BREAKERS BY BROWN BOVERI, 600V - spare field breaker in used spare exciter	In Stock	HIGH	N/A
CAT - Slipring/brush Rigging Assembly - Ring, Collector Assembly	In Stock	HIGH	N/A
CAT - Slipring/brush Rigging Assembly - Brushes	In Stock	MEDIUM	N/A
CAT - Slipring/brush Rigging Assembly - Brush Holder	In Stock	HIGH	N/A
CAT - Slipring/brush Rigging Assembly - Insulator	In Stock	HIGH	N/A
CAT - Governor Pumps - Pump	In Stock	HIGH	N/A
CAT - Governor Pumps - INSERT, CURVED JAW SPIDER	In Stock	HIGH	N/A
CAT - Rotor Poles - Entire Pole	In Stock	HIGH	N/A
CAT - Stator Windings - JUMPER,STATOR ASM 105	In Stock	HIGH	N/A
CAT - Stator Windings - JUMPER,STATOR ASM 107	In Stock	HIGH	N/A
CAT - Stator Windings - JUMPER,STATOR ASM 108	In Stock	HIGH	N/A
CAT - Stator Windings - JUMPER,STATOR ASM 109	In Stock	HIGH	N/A
CAT - Stator Windings - JUMPER,STATOR WINDING	In Stock	HIGH	N/A
CAT - Stator Windings - JUMPER,STATOR WINDING	In Stock	HIGH	N/A
CAT - Stator Windings - JUMPER,STATOR WINDING	In Stock	HIGH	N/A
CAT - THRUST BEARING - thrust pads	In Stock	HIGH	N/A
CAT - Turbine Guide Bearing - Bearing	In Stock	HIGH	N/A
CAT - Guide Bearing Segments - Bearing	In Stock	HIGH	N/A
CAT - Thrust Bearing Segements - Segments	In Stock	HIGH	N/A
HLK - GOVERNOR HYDRAULIC SYSTEM - PUMP UNLOADER,	In Stock	HIGH	N/A
HLK - GOVERNOR HYDRAULIC SYSTEM - COILDASHPOT,	In Stock	HIGH	N/A
HLK - GOVERNOR HYDRAULIC SYSTEM - COIL OIL PUMP UNLOADER SOLND. ,	In Stock	HIGH	N/A
HLK - GOVERNOR HYDRAULIC SYSTEM - COIL PARTIAL SHUTDOWN RESET ,	In Stock	HIGH	N/A
HLK - GOVERNOR HYDRAULIC SYSTEM - COIL SHUTDOWN SOLENOID 65SD ,	In Stock	HIGH	N/A
HLK - GOVERNOR HYDRAULIC SYSTEM - COIL RESET SOLENOID ,	In Stock	HIGH	N/A
HLK - GOVERNOR HYDRAULIC SYSTEM - WOODWARD 1447- 634,motor	In Stock	HIGH	N/A
HLK - GOVERNOR HYDRAULIC SYSTEM - WOODWARD 1447-640,MOTOR	In Stock	HIGH	N/A
HLK - GOVERNOR HYDRAULIC SYSTEM - GATE LIMIT,ROD,	In Stock	HIGH	N/A
HLK - GOVERNOR HYDRAULIC SYSTEM - UNLOADER PISTON,	In Stock	HIGH	N/A
HLK - GOVERNOR HYDRAULIC SYSTEM - filter	In Stock	HIGH	N/A
HLK - GOVERNOR ACCUMULATOR TANK - SWITCH PRESS OIL ALARM,	In Stock	HIGH	N/A

Critical Spare Component	Stock Status	Risk Score	Spare Cost >\$50,000
HLK - GOVERNOR ACCUMULATOR TANK - Air admission solenoid	In Stock	HIGH	N/A
HLK - GOVERNOR SPEED GENERATOR - GEAR, WOODWARD 1447-640	In Stock	HIGH	N/A
HLK - GOVERNOR SPEED GENERATOR - gear drive	In Stock	HIGH	N/A
HLK - MECHANICAL GOVERNOR CONTROLS - Motor limit	In Stock	HIGH	N/A
HLK - MECHANICAL GOVERNOR CONTROLS - Motor speeder	In Stock	HIGH	N/A
HLK - MECHANICAL GOVERNOR CONTROLS - Unloader timing valve	In Stock	HIGH	N/A
HLK - OPERATING RING - Bearing pads	In Stock	HIGH	N/A
HLK - SERVOMOTOR #1 - servomotor repair kit	In Stock	HIGH	N/A
HLK - SERVOMOTOR ASSEMBLY - shear pins	In Stock	HIGH	N/A
HLK - Rotor Assembly - HLK Generator - Rotor pole	In Stock	HIGH	N/A
HLK - TURBINE - Carbon seal,	In Stock	HIGH	N/A
HLK - TURBINE - BEARING SEGMENT TURBINE,	In Stock	HIGH	N/A
HLK - TURBINE - PLATE BEARING,	In Stock	HIGH	N/A
HLK - TURBINE - SEAL TURBINE,	In Stock	HIGH	N/A
HLK - TURBINE - Wicket gate lever	In Stock	HIGH	N/A
HLK - TURBINE - Friction hub	In Stock	HIGH	N/A
HLK - TURBINE - Friction hub	In Stock	HIGH	N/A
HLK - TURBINE - Packing box	In Stock	HIGH	N/A
HLK - TURBINE - link thin	In Stock	HIGH	N/A
HLK - TURBINE - link thick	In Stock	HIGH	N/A
HLK - TURBINE - wicket gate seal	In Stock	HIGH	N/A
HLK - TURBINE - Dowel	In Stock	HIGH	N/A
HLK - TURBINE - Link pin	In Stock	HIGH	N/A
HLK - TURBINE - Eccentric pin	In Stock	HIGH	N/A
HLK - WICKET GATES - wicket gate	In Stock	HIGH	N/A
HLK - GENERATOR - brake shoes	In Stock	HIGH	N/A
HLK - GENERATOR - SOLENOID,GENERATOR AIR VALVE,	In Stock	HIGH	N/A
HLK - GENERATOR - Generator air valve	In Stock	HIGH	N/A
HLK - HEADCOVER ASSEMBLY - SEAL TURBINE,	In Stock	HIGH	N/A
HLK - HEADCOVER ASSEMBLY - SEALWICKET GATE,	In Stock	HIGH	N/A
HLK - HEADCOVER ASSEMBLY - BUSHING 60X75 MM,	In Stock	HIGH	N/A
HLK - HEADCOVER ASSEMBLY - BUSHING GATE STEM - LOWER,	In Stock	HIGH	N/A

Critical Spare Component	Stock Status	Risk Score	Spare Cost >\$50,000	
HLK - HEADCOVER ASSEMBLY - BUSHING GATE STEM - UPPER,	In Stock	HIGH	N/A	
HLK - HEADCOVER ASSEMBLY - Bushing upper	In Stock	HIGH	N/A	
HLK - INTAKE HEADGATE AND HOIST EQUIP - Pressure druk	In Stock	MEDIUM	N/A	
HLK - STATION SERVICE SWITCHGEAR - Breaker (EATON)	In Stock	HIGH	N/A	
HLK - Thrust/Guide Bearing Coolers - Hi pressure lift pump	In Stock	HIGH	N/A	
HLK - ISOLATED PHASE BUS - PT fuse	In Stock	HIGH	N/A	
HLK - STATOR ASSEMBLY - Stator connection caps	In Stock	HIGH	N/A	
HLK - STATOR ASSEMBLY - Stator bars	In Stock	HIGH	N/A	
HLK - EXCITATION - Bridge (entire module)	In Stock	HIGH	N/A	
HLK - Slipring /Brush Rigging - Carbon brush	In Stock	MEDIUM	N/A	
HLK - Slipring /Brush Rigging - Brush holder	In Stock	HIGH	N/A	
HLK - Rotor - Pole	In Stock	HIGH	N/A	
HLK - STATOR WINDINGS - UNIT 1 - robel bars	In Stock	HIGH	N/A	
HLK - TURBINE GUIDE BEARING - BEARING, Segment TURBINE	In Stock	HIGH	N/A	
HLK - GUIDE BEARING SEGMENTS (SET) - BEARING, SEGMENT	In Stock	HIGH	N/A	
HLK - HD-1N - HINDS LAKE INTAKE - TRANSMITTER,PRESS 0-375	In Stock	MEDIUM	N/A	
HLK - THRUST BEARING SEGMENTS (SET) - Thrust Bearing Segments	In Stock	HIGH	N/A	
HLK - UPPER GUIDE BEARING SEGMENTS - Upper Guide Bearing Segments	In Stock	HIGH	N/A	
HLK - IN FRAZIL ICE SYS - INTAKE - TRANSMITTER, TEMPERATURE	In Stock	MEDIUM	N/A	
HLK - GOVERNOR SPEED GENERATOR - Speed switch bracket	In Stock	HIGH	NO	
GCL - Governor Control System - Pressure Switch	In Stock	MEDIUM	N/A	
GCL - Governor Control System - POWER SUPPLY,18-32VDC	In Stock	MEDIUM	N/A	
GCL - Governor Control System - TRANSMITTER,PRESS 0-2000	In Stock	MEDIUM	N/A	
GCL - Governor Control System - TRANSMITTER, TEMP 4-20 MA	In Stock	MEDIUM	N/A	
GCL - Governor Hydraulic System - Filter, Element NS-7	In Stock	MEDIUM	N/A	
GCL - Governor Hydraulic System - Joint, Shaft Parker	In Stock	MEDIUM	N/A	
GCL - Governor Hydraulic System - Pump, Vane Vick	In Stock	HIGH	N/A	
GCL - Governor Hydraulic System - Seal, Polypak "U" Cup	In Stock	MEDIUM	N/A	
GCL - Governor Hydraulic System - Valve, Relief	In Stock	HIGH	N/A	
GCL - Governor Hydraulic System - Valve, Check 1 6000 psi	In Stock	MEDIUM	N/A	
GCL - Governor Hydraulic System - Valve, Proportional	In Stock	HIGH	N/A	
GCL - Operating Ring - Washer, Ring Seal	In Stock	MEDIUM	N/A	

Critical Spare Component	Stock Status	Risk Score	Spare Cost >\$50,000	
GCL - Operating Ring - BUSHING,GE 226043126X015	In Stock	MEDIUM	N/A	
GCL - Servomotor - Rod, Seal H254-918	In Stock	MEDIUM	N/A	
GCL - Servomotor - Rod, Seal H092-730	In Stock	MEDIUM	N/A	
GCL - Servomotor Assembly - Ring, Piston GE	In Stock	HIGH	N/A	
GCL - Speed Signal Generator - Pickup, Zero Velocity	In Stock	HIGH	N/A	
GCL - Turbine Assembly - Packing Ring, Segment	In Stock	MEDIUM	N/A	
GCL - Turbine Assembly - Pad, Stop GE	In Stock	HIGH	N/A	
GCL - Turbine Assembly - Seal, Inflatable	In Stock	HIGH	N/A	
GCL - Turbine Assembly - Transmitter, Pressure GE	In Stock	MEDIUM	N/A	
GCL - Turbine Assembly - Transmitter, Pressure -5TO55	In Stock	MEDIUM	N/A	
GCL - Turbine Assembly - Transmitter, Pressure 0-90 PSIG	In Stock	MEDIUM	N/A	
GCL - Turbine Assembly - Transmitter, Diff Pressure	In Stock	MEDIUM	N/A	
GCL - Turbine Assembly - Ring, Rotating GE	In Stock	HIGH	N/A	
GCL - Turbine Assembly - Ring, Sealing C/W Spring	In Stock	HIGH	N/A	
GCL - Turbine Assembly - Ring, Wear	In Stock	HIGH	N/A	
GCL - Turbine Assembly - Valve, Check Wafer 12"D	In Stock	MEDIUM	N/A	
GCL - Wicket Gates - Bushing, GE 226043126X015	In Stock	MEDIUM	N/A	
GCL - Wicket Gates - Gate, Wicket GE	In Stock	HIGH	N/A	
GCL - Wicket Gates - Level, Gate GE	In Stock	HIGH	N/A	
GCL - Wicket Gates - Lever, Shear GE	In Stock	HIGH	N/A	
GCL - Wicket Gates - Liner, Gate Operating	In Stock	HIGH	N/A	
GCL - Wicket Gates - Link, GE	In Stock	HIGH	N/A	
GCL - Wicket Gates - Pin, Eccentric	In Stock	HIGH	N/A	
GCL - Wicket Gates - Pin, Shear GE	In Stock	HIGH	N/A	
GCL - Wicket Gates - Pin, Taper GE	In Stock	HIGH	N/A	
GCL - Wicket Gates - Plate, Retaining GE	In Stock	HIGH	N/A	
GCL - Wicket Gates - Plate, Top GE	In Stock	HIGH	N/A	
GCL - Wicket Gates - Shim, Laminum	In Stock	MEDIUM	N/A	
GCL - Wicket Gates - Sleeve, BRS 210mm	In Stock	MEDIUM	N/A	
GCL - Wicket Gates - Spacer	In Stock	MEDIUM	N/A	
GCL - Generator - Top Stator Bars (36)	In Stock	HIGH	N/A	
GCL - Generator - Bottom Stator Bars (18)	In Stock	HIGH	N/A	

Critical Spare Component	Stock Status	Risk Score	Spare Cost >\$50,000
GCL - Generator - Guide Bearing, GE	In Stock	HIGH	N/A
GCL - Generator - Converter, RTD Temperature	In Stock	HIGH	N/A
GCL - Generator - Converter, RTD Universal	In Stock	HIGH	N/A
GCL - Generator - Creep Detector ASSY, 129 V	In Stock	HIGH	N/A
GCL - Generator - Device, Surge Suppresion	In Stock	MEDIUM	N/A
GCL - Generator - Fuse, TEMP Limiter	In Stock	MEDIUM	N/A
GCL - Generator - Fuse, Voltage XFMR	In Stock	MEDIUM	N/A
GCL - Generator - Jumper, Pole ASM #1	In Stock	HIGH	N/A
GCL - Generator - Jumper Pole ASM #2	In Stock	HIGH	N/A
GCL - Generator - Jumper Pole ASM #3	In Stock	HIGH	N/A
GCL - Generator - Jumper Pole ASM #4	In Stock	HIGH	N/A
GCL - Generator - Level, Indicator Magnetic	In Stock	HIGH	N/A
GCL - Generator - Oil, Turbine 46 (205L)	In Stock	MEDIUM	N/A
GCL - Generator - Packing, V-Type GE	In Stock	MEDIUM	N/A
GCL - Generator - Pin, Taper 25MM x 90MM	In Stock	MEDIUM	N/A
GCL - Generator - Plate, Brake GE	In Stock	HIGH	N/A
GCL - Generator - Plate, Locating Pivoted	In Stock	HIGH	N/A
GCL - Generator - Pole, Wound GE	In Stock	HIGH	N/A
GCL - Generator - Probe, 741 GE	In Stock	HIGH	N/A
GCL - Generator - RTD, 12.5" -50-550 DEG	In Stock	HIGH	N/A
GCL - Generator - RTD, 17" -50-550 DEG C	In Stock	HIGH	N/A
GCL - Transmitter, PFM	In Stock	MEDIUM	N/A
GCL - Transmitter, Temp 4-20 MA	In Stock	MEDIUM	N/A
GCL - Switch, Press 200 PSI 15A	In Stock	MEDIUM	N/A
GCL - Switch, 20-160 ABB 104-324-46	In Stock	MEDIUM	N/A
GCL - Thermometer, ADJ 0-55	In Stock	MEDIUM	N/A
GCL - Transducer, Balluff Track	In Stock	HIGH	N/A
GCL - Shim, GE 007	In Stock	MEDIUM	N/A
GCL - Shim, GE 008	In Stock	MEDIUM	N/A
GCL - Shoe, brake GE 6201B6815L005	In Stock	HIGH	N/A
GCL - Spring, GE	In Stock	MEDIUM	N/A
GCL - Valve, Purge GE	In Stock	HIGH	N/A

Critical Spare Component	Stock Status	Risk Score	Spare Cost >\$50,000	
GCL - Washer, Brake Plate	In Stock	MEDIUM	N/A	
GCL - Washer, GE 105000100	In Stock	MEDIUM	N/A	
GCL - Ring Assy, Collector	In Stock	HIGH	N/A	
GCL - Stick, Joint Horz	In Stock	MEDIUM	N/A	
GCL - Stick, Joint Vert	In Stock	MEDIUM	N/A	
GCL - Switch, Press Actuated	In Stock	MEDIUM	N/A	
GCL - Switch, Press Gran 20W	In Stock	MEDIUM	N/A	
GCL - Seal, Top Guide Bearing	In Stock	MEDIUM	N/A	
GCL - Runner - Seal, 770mm x 730mm x 25mm	In Stock	MEDIUM	N/A	
GCL - Surface Air Coolers - Cooler, Surface Air	In Stock	HIGH	N/A	
GCL - Thrust/Guide Bearing Coolers - Coil, Cooling GE	In Stock	HIGH	YES	
BDE - RECTIFYING TRANSFORMER - Insulating Fluid	In Stock	MEDIUM	NO	
BDE - ISOLATED PHASE BUS - Surge Capacitor	In Stock	HIGH	NO	
BDE - EXCITATION CONTROLS - Field Flashing Resistor	In Stock	HIGH	NO	
BDE - UNIT 7 GOVERNOR - Unloader/Relief Valve	In Stock	HIGH	NO	
BDE - TURBINE GUIDE BEARING - oil cooler	In Stock	HIGH	NO	
CAT - Governor Hydraulics - Cooler	In Stock	HIGH	NO	
CAT - ACCUMULATOR TANK - Air Admission Valve	In Stock	HIGH	NO	
HLK - STATION SERVICE SWITCHGEAR - Breaker (Federal Pioneer)	In Stock	MEDIUM	TBD	
HLK - CIRCUIT BREAKER - Charging motor	In Stock	HIGH	NO	
HLK - CIRCUIT BREAKER - Anti-pump relay	In Stock	HIGH	NO	

Critical Spare Component	Stock Status	Risk Score	Lead Time	Spare Cost >\$50,000	Status Update December 1, 2015	Expected Delivery Date
HLK - CIRCUIT BREAKER - Primary dissconnect	Not in Stock	HIGH	9 wks	NO	Shipped	14-Dec-15
HLK - CIRCUIT BREAKER - Motor brush kit	Not in Stock	HIGH	7 wks	NO	Shipped	14-Dec-15
HLK - CIRCUIT BREAKER - Spring release coil	Not in Stock	HIGH	7 wks	NO	Shipped	14-Dec-15
HLK - CIRCUIT BREAKER - Shunt trip coil	Not in Stock	HIGH	9 wks	NO	Ordered - expected to Ship Nov 30	14-Dec-15
HLK - EXCITER FIELD BREAKER - Entire unit	Not in Stock	MEDIUM	10 wks	NO	In purchasing process	15-Feb-16

Critical Spare Component	Stock Status	Risk Score	Lead Time	Spare Cost >\$50,000	Status Update December 1, 2015	Expected Delivery Date
HLK - GOVERNOR HYDRAULIC SYSTEM - Main valve	Not in Stock	LOW	6 weeks	NO	Consulted with supplier, likelihood of failure is very low.	29-Feb-16
GCL - 13.8 kv bus duct - Insulators	Not in Stock	LOW	TBD	NO	Consulting with supplier. Temporary measures can be taken in the event of a failure to keep the unit online	31-Oct-16
CAT - BRAKING JET ASSEMBLY - Control Valve	Not in Stock	MEDIUM	TBD	TBD	Supplier Rep visited site and is evaluating replacement options and preparing a quote. Current equipment is obsolete.	30-Apr-16

Recommended Component	Stock Status	Risk Score	Lead Time	Spare Cost >\$50,000	Status Update December 1, 2015	Expected Delivery Date
BDE - Unit 7 RECTIFYING TRANSFORMER - Full Unit	Not in Stock	MEDIUM	20 weeks	YES	Added to the capital plan	1-Nov-20
HLK - CIRCUIT BREAKER - VCP-WG, 4000A vacuum breaker	Not in Stock	MEDIUM	18wks	YES	In Capital Plan for 2018 purchase	Early Q4 in 2018
HLK - Thrust/Guide Bearing Coolers - Cooler	Not in Stock	MEDIUM	18wks	YES	In Capital Plan for 2020 purchase	Q4 in 2020
HLK - UPPER GUIDE BEARING COOLERS - Cooler	Not in Stock	MEDIUM	TBD	YES	In Capital Plan for 2020 purchase	Q4 in 2020
HLK - Slipring /Brush Rigging - Slipring	Not in Stock	MEDIUM	TBD	YES	In Capital Plan for 2017 purchase	Early Q4 in 2017
HLK - SURFACE AIR COOLERS - Cooler	Not in Stock	MEDIUM	TBD	YES	Engineering Required	Q4 2020
CAT - EXCITATION TRF - Transformer	Not in Stock	MEDIUM	TBD	TBD	Not available. Consulting with suppliers for a spare transformer. Likely >\$50k. Currently in the capital plan for 2018	30-Nov-18
HLK - RECTIFYING TRANSFORMER	Not in Stock	MEDIUM	TBD	TBD	Not available. Consulting with suppliers for a spare transformer. Likely >\$50k. Currently in the capital plan for 2018	30-Nov-18
HLK - STN SERVICE TRANFORMER (SST-1) - Entire unit	Not in Stock	MEDIUM	TBD	TBD	Not available. Consulting with suppliers for a spare transformer. Likely >\$50k. Currently in the capital plan for 2018	30-Nov-18
BDE - Unit 7 TURBINE GUIDE BEARING - bearing	On Order	MEDIUM	~12 Wks	YES	The existing spare bearing was determined to be not ready for service and is being refurbished under the supplemental Capital Project for critical spares	15-Feb-16
CAT - Governor Hydraulics - DEFLECTOR,SERVOMOTOR	On Order	MEDIUM	26 weeks	YES	The existing spare deflector servomotor is a used spare and is being replaced under the supplemental Capital Project for critical spares	30-Apr-16
CAT - Generator Bearing - Cooler	On Order - Drawings Approved	MEDIUM	8 wks	YES	The existing spare generator bearing cooler is a used spare and is being replaced by a new part under the supplemental Capital Project for critical spares	20-Dec-15

Recommended Component	Stock Status	Risk Score	Lead Time	Spare Cost >\$50,000	Status Update December 1, 2015	Expected Delivery Date
HLK - TURBINE - BEARING SEGMENT TURBINE,	On Order - being fabricated	MEDIUM	~14 wks	N/A	This part was used as part of a unit overhaul after critical spares reporting was initiated. It is being refurbished under the supplemental Capital Project for critical spares	20-Dec-15