

## CONFIDENTIALITY MATRIX

LEGEND	
Confidential in Entirety (shaded)	TS = Technical Support
Partially Confidential (Italicized)	CS = Cost Support
(1) = Commercial/Cost Information	*(incl. PowerPlant (PP), Detailed Cost Estimate (DCE), and Economic Analysis Model (EAM))
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Function/Tab#	Capital Work Order	Work Order Main Body*	Attachment 1	Attachment2
<b>Generation</b>				
	<b>Hydro Projects</b>			
G01	48535 - HYD Scragg Lake Dam and Spillway Refurbishment	DCE (1)		
G02	48631 - HYD Gulch Spillway Refurbishment	PP and DCE (1)	CS: Contract Cost Estimate (1)	
	<b>Steam Projects</b>			
	<b>Boiler</b>			
G03	49532 - TRE6 Air Heater Refurbishment	DCE and EAM (1)	CS: Howden Quote (1)	TS: Howden Inspection Report
G04	49533 - TRE6 Boiler Refurbishment	EAM (1)	TS: Alstom Report	
G05	47687 - POT Boiler Chemical Recondition	EAM (1)	TS: Sheppard T. Powell Tube Cleaning Test	
G06	49419 - POT Boiler Refurbishment 2017	EAM (1)		
G07	49536 - TRE5 Boiler Refurbishment 2017	EAM (1)		
G08	41511 - TRE6 Condenser Waterbox and CW Piping Refurbishment	DCE (1)	CS: Plastacor Estimate (1)	CS: IMC Quote (1)
G09	49433 - LIN1 SH5 Boiler Tube Replacement	EAM (1)		
	<b>Generator</b>			
G10	49057 - TRE6 Excitation System Replacement	DCE and EAM (1)	CS: Basler Proposal (1, 2)	
G11	49707 - TUC2 Generator Bushing Replacement			
	<b>Chemical</b>			
G12	49537 - TRE6 Analytical Panel Upgrade			
G13	47893 - TUC3 Hydrogen Panel Replacement			
	<b>Balance of Plant</b>			
G14	49535 - TRE6 Mills Refurbishment 2017	EAM (1)		
G15	47597 - TRE6 Bottom Ash Chain Replacement	PP, DCE and EAM (1)	CS: Diamond Power Estimate (1)	
G16	49431 - LIN Mill Refurbishment 2017	EAM (1)		
G17	49675 - TUC2 Cooling Water Piping Refurbishment			
G18	47953 - LIN Railcar Positioner Refurbishment	PP and DCE (1)	CS: Target Proposal (1)	
G19	49897 - POT Fire System Upgrades 2017			
G20	49430 - LIN CW Pump Refurbishment 2017	EAM (1)		
G21	49466 - PTMT Dock and Inhaul Conveyor Replacement	PP and DCE (1)	CS: Alternative Belting Enterprises Ltd. Quote (1)	TS: Alternative Belting Enterprises Ltd. Inspection Report
G22	49427 - LIN Coal Plant Structural Refurbishment Phase 3			
G23	49434 - LIN CW Screen Refurbishment 2017	EAM (1)		
G24	49463 - POT Coal Mill Overhauls 2017	EAM (1)		
G25	49429 - LIN Coal Pile Run Off Pond Expansion	PP and DCE (1)	CS: Exp quote (1)	TS: Exp Hydrological Assessment
G26	49437 - LIN Vacuum Pump Cooler Refurbishment	EAM (1)		
<b>Transmission</b>				
T01	49992 - 2017 Transmission Right-of-Way Widening 69kv			
T02	47954 - L7012 Replacements and Upgrades	DCE (1)		
T03	49838 - 2017/2018 Substation Polychlorinated Biphenyl (PCB) Equipment Removal Program			
T04	49948 - 2017/2018 Isolated Transmission Structure Replacements	DCE (1)		
T05	49793 - L7011 Replacements and Upgrades	DCE (1)		
T06	49789 - L6515 Replacements and Upgrades	DCE (1)		
T07	49815 - 2017/2018 Steel Tower Refurbishment	DCE (1)		
T08	49774 - L5527 Replacements and Upgrades	DCE (1)		
T09	49813 - 2017 Sacrificial Anode Installation Program			
T10	49814 - 2017/2018 Steel Tower Life Extension		TS: CEATI Report - Coatings on Transmission Structures (2)	
T11	49778 - L5535 Replacements and Upgrades	DCE (1)		
T12	49790 - L5505 Replacements and Upgrades	DCE (1)		
T13	49782 - L5027B Replacements and Upgrades	DCE (1)		
T14	49818 - 2017/2018 Transmission Switch & Breaker Replacement			
T15	49775 - L5004 Replacements and Upgrades	DCE (1)		

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T16	49776 - L7008 Replacements and Upgrades	<i>DCE (1)</i>		
T17	43200 - 2017 Wood Pole Retreatment Program			
T18	47915 - L5053 Replacements and Upgrades	<i>DCE (1)</i>		
T19	47956 - L7004 Replacements and Upgrades	<i>DCE (1)</i>		
T20	49792 - 2017 Line Retirement Program	<i>DCE (1)</i>		
T21	49821 - Mersey River Hydro Spare Transformer	<i>EAM (1)</i>	TS: Fluid Report	
T22	49878 - 2017 Substation Insulator Replacement Program			
T23	48057 - Replace 69kV cables between 2S and 83S			
T24	49833 - 2017 Oil Containment Program			
T25	49798 - 2017/2018 Capacitor Bank Breaker Replacements			
<b>Distribution</b>				
D01	49919 - 2017 PCB Pole Top Transformer Replacements			
D02	49806 - 2017 Padmount Replacement Program	<i>DCE (1)</i>		
D03	41350 - 16W-301G Hebron Rebuild Phase 2	<i>DCE (1)</i>		
D04	49836 - 11S-411 11S-302 Re-Build Coxheath Road Phase 2	<i>DCE (1)</i>		
D05	49841 - 23H Rockingham Voltage Conversion Phase 2		TS: Distribution Planning Study (3)	
D06	49799 - 532N Elm Street Conversion Phase 1	<i>DCE (1)</i>	TS: Distribution Planning Study (3)	
D07	49918 - 54H-303 Underground Device Replacements Phase 1			
D08	47769 - 509V-301 Over Cove Rd Rebuild	<i>DCE (1)</i>		
D09	49791 - 3N - Oxford Conversion Phase 3			
D10	49867 - 55V-313 Berwick North Upgrade	<i>DCE (1)</i>		
D11	49591 - 3S Feeder Exit Cable Replacement			
D12	49891 - 509V Recloser and Voltage Regulator Replacement	<i>DCE (1)</i>		
D13	50073 - 4S-332 Bernard Lind Drive Conversion	<i>DCE (1)</i>	TS: Distribution Planning Study (3)	
D14	49866 - 512N Toney River Replacements			
<b>General Plant</b>				
GP01	49861 - IT – PI System Upgrade	<i>PP and DCE (1)</i>	CS: ADM Proposal (1)	CS: OSIsoft Quote (1)
GP02	46572 - 2017 RTU Replacement Program		TS: GE Product Bulletin	
GP03	48774 - HYD Milton Shop HVAC Upgrade	<i>PP and DCE (1)</i>	CS: Conrose Project Report (1)	TS: Air Sampling Memo
GP04	50071 - T&D Inspection Application Upgrade Phase 1		TS: ArcGIS Life Cycle Support Status	
GP05	49880 - Meter Shop Test Console Replacement	<i>DCE (1)</i>	CS: Power Measurement Technologies Inc. Quote (1)	
GP06	49902 - 2017 Telecom Building Replacement - Wittenburg			

### **1 - Commercial/Cost Information**

Where pertinent, the costs associated with various capital work order components have been redacted in the Power Plant (PP), Detailed Cost Estimates (DCE), and Economic Analysis Model (EAM) documentation for the capital items. Additionally, commercial quotes and proposals have been partially redacted unless the vendor asserts full confidentiality.

To protect value for customers and mitigate the risk of prospective proponents having access to project budget information, and maintain good business relations with vendors, the estimated costs for certain components of capital items are confidential.

The more a supplier is aware of NS Power's specific requirements, the better their ability to obtain the highest price, reduce competition and ultimately increase the cost for NS Power and its customers. The cost of such transparency is not always immediately evident. Information from regulatory proceedings can provide competitive advantages over other suppliers, and that could be advantageous in bidding or negotiation. Higher prices, or avoidable contractual constraints, will result in unnecessary higher costs to customers.

### **2 - Third Party Proprietary Information**

This is information belonging to third parties for which those third parties have asserted confidentiality over proprietary cost and technical information.

### **3 - System Security**

One-Line diagrams frequently included in system planning studies are confidential due to system security concerns. Protection of the power system preserves reliability and reduces the risks associated with external threats.