

Plant 2 Expansion Project (2X LM6000 PF)
Preliminary Capital Cost Estimate
Revision D
May 2012

120 MW Nominal Output Combined Cycle (Used for \$/kW Est.)		Budget	Subtotals	Qtr 1, 2011	Qtr 2, 2011	Qtr 3, 2011	Qtr 4, 2011	Qtr 1, 2012	Qtr 2, 2012	Qtr 3, 2012	Qtr 4, 2012	Qtr 1, 2013	Qtr 2, 2013	Qtr 3, 2013	Qtr 4, 2013	Qtr 1, 2014	Qtr 2, 2014	Qtr 3, 2014	Qtr 4, 2014	Qtr 1, 2015	Qtr 2, 2015	Qtr 3, 2015	Qtr 4, 2015
OWNER'S PROJECT MANAGEMENT COSTS			\$ 12,986,857	\$ 241,035	\$ 120,822	\$ 228,500	\$ 524,000	\$ 272,500	\$ 545,000	\$ 600,000	\$ 610,000	\$ 685,000	\$ 785,000	\$ 830,000	\$ 735,000	\$ 725,000	\$ 940,000	\$ 960,000	\$ 820,000	\$ 820,000	\$ 890,000	\$ 925,000	\$ 730,000
ML&P Project Management	\$ 2,890,197	\$ 12,500	\$ 23,197	\$ 99,000	\$ 70,000	\$ 75,500	\$ 95,000	\$ 125,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000	\$ 200,000	\$ 200,000	\$ 225,000	\$ 250,000	\$ 200,000	
Owner's Engineering	\$ 3,924,400	\$ -	\$ 89,400	\$ 180,000	\$ 245,000	\$ 150,000	\$ 280,000	\$ 400,000	\$ 375,000	\$ 320,000	\$ 230,000	\$ 230,000	\$ 230,000	\$ 230,000	\$ 200,000	\$ 185,000	\$ 170,000	\$ 150,000	\$ 125,000	\$ 120,000	\$ 120,000	\$ 125,000	
Specialty Consultants	\$ 1,091,260	\$ 228,535	\$ 8,225	\$ 9,500	\$ 195,000	\$ 40,000	\$ 125,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	
Owner's Construction Management Team	\$ 4,695,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330,000	\$ 375,000	\$ 290,000	\$ 310,000	\$ 540,000	\$ 575,000	\$ 430,000	\$ 415,000	\$ 490,000	\$ 500,000	\$ 350,000	
ML&P Procurement	\$ 105,000	\$ -	\$ -	\$ -	\$ 9,000	\$ 2,000	\$ 5,000	\$ 5,000	\$ 15,000	\$ 15,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	
ML&P Legal	\$ 280,000	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,000	\$ 40,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	
OWNER-PROVIDED EQUIPMENT (2xCTG)			\$ 53,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,840,000	\$ -	\$ 4,896,000	\$ 4,896,000	\$ 4,896,000	\$ 4,896,000	\$ 4,896,000	\$ 13,746,667	\$ 1,666,667	\$ 1,666,667	\$ 1,666,667	\$ 1,666,667	\$ 4,266,667	\$ -
LM6000 PF DLE Package	\$ 38,460,000	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	
TEWAC Generator	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	
Enclosure & Ventilation System	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	
Anticipating and Chilling Coils	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	
Pulse Clean Air Filter	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	
Remote HMI	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	
Lube Oil Fan Fan Cooler	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	
Hydraulic Start System	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	
Power System Stabilizer	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	
GE Technical Assistance (Contract & Support)	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	
Shipping (Cost + 10%)	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Spare Parts & Maintenance Tools	\$ 2,600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,600,000	\$ -	
Spare Turbine	\$ 8,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,416,667	\$ 1,416,667	\$ 1,416,667	\$ 1,416,667	\$ 1,416,667	\$ 1,416,667	
OWNER CONSTRUCTION COSTS			\$ 2,250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 650,000	\$ 750,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ -	
Gravel Removal & Prelim Grading	\$ 1,250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Project Parking Area Grading	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 250,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Guard Shack Project	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ -	
EPC CONTRACTOR SOFT COSTS			\$ 18,841,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,100,820	\$ 2,069,570	\$ 2,211,640	\$ 2,279,140	\$ 2,279,140	\$ 2,279,140	\$ 2,346,640	\$ 959,140	\$ 959,140	\$ 891,640	\$ 749,570	\$ 715,820
EPC Contractor Project Management	\$ 6,730,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,750	\$ 540,000	\$ 540,000	\$ 607,500	\$ 607,500	\$ 607,500	\$ 675,000	\$ 675,000	\$ 675,000	\$ 607,500	\$ 607,500	
Design Engineering	\$ 9,250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 925,000	\$ 1,387,500	\$ 1,387,500	\$ 1,387,500	\$ 1,387,500	\$ 1,387,500	\$ 1,387,500	\$ -	\$ -	\$ -	\$ -	
EPC Contractor Bonds	\$ 1,420,700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 71,035	\$ 71,035	\$ 142,070	\$ 142,070	\$ 142,070	\$ 142,070	\$ 142,070	\$ 142,070	\$ 142,070	\$ 71,035	\$ 71,035	
EPC Contractor Insurance	\$ 1,420,700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 71,035	\$ 71,035	\$ 142,070	\$ 142,070	\$ 142,070	\$ 142,070	\$ 142,070	\$ 142,070	\$ 142,070	\$ 71,035	\$ 71,035	
EPC CONTRACTOR PROVIDED EQUIPMENT			\$ 63,800,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,760,000	\$ 10,208,000	\$ 10,208,000	\$ 10,208,000	\$ 8,691,000	\$ 8,690,000	\$ 3,036,000	\$ -	\$ -	\$ -	\$ -	
OTSG (x2)	\$ 16,500,000	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	\$ 3,300,000	\$ 2,640,000	\$ 2,640,000	\$ 2,640,000	\$ 2,640,000	\$ 2,640,000	\$ 2,640,000	\$ -	\$ -	\$ -	\$ -	
SCR and CO Catalysts	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	
Ammonia Injection Skid	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	
Ammonia Injection Grid and Manifold	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	
Flow Distribution grid	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	
Inlet Expansion Joint and Transition Duct	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	
Stack	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	
CEMS (x2)	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,000	\$ 56,000	\$ 56,000	\$ 56,000	\$ 56,000	\$ 56,000	\$ 56,000	\$ -	\$ -	\$ -	\$ -	
Shelter	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	
Sampling Lines	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	
Monitoring System	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	
PLC	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	
DAHS	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	
Steam Turbine	\$ 9,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,800,000	\$ 1,440,000	\$ 1,440,000	\$ 1,440,000	\$ 1,440,000	\$ 1,440,000	\$ 1,440,000	\$ -	\$ -	\$ -	\$ -	
Lube Oil System	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included		

Date: 11/30/17 Exh # H-52
Regulatory Commission of Alaska
0-16-007 By: CD 0-17-008
Northern Lights Realtime & Reporting, Inc.
(907) 337-2221

120 MW Nominal Output Combined Cycle (Used for \$/kW Est)	Budget	Subtotals	Qtr 1, 2011	Qtr 2, 2011	Qtr 3, 2011	Qtr 4, 2011	Qtr 1, 2012	Qtr 2, 2012	Qtr 3, 2012	Qtr 4, 2012	Qtr 1, 2013	Qtr 2, 2013	Qtr 3, 2013	Qtr 4, 2013	Qtr 1, 2014	Qtr 2, 2014	Qtr 3, 2014	Qtr 4, 2014	Qtr 1, 2015	Qtr 2, 2015	Qtr 3, 2015	Qtr 4, 2015
Ammonia System	\$ 30,000	\$ 68,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,000	\$ 4,800	\$ 4,800	\$ 4,800	\$ 3,600	\$ 3,600	\$ 3,600	\$ 2,400	\$ -	\$ -	\$ -	\$ -
Ammonia Storage Tank (2x12000 Gal)	\$ 65,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,000	\$ 10,400	\$ 10,400	\$ 10,400	\$ 7,800	\$ 7,800	\$ 7,800	\$ 5,200	\$ -	\$ -	\$ -	\$ -
Ammonia Forwarding Pumps (3 X 100%)	\$ 3,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800	\$ 600	\$ 480	\$ 480	\$ 360	\$ 360	\$ 360	\$ 240	\$ -	\$ -	\$ -	\$ -
Plant Drains	\$ 15,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Wash Drain Tanks (1000 Gal)	\$ 4,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800	\$ 640	\$ 640	\$ 640	\$ 480	\$ 480	\$ 480	\$ 320	\$ -	\$ -	\$ -	\$ -
Oil/Water Separator	\$ 9,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500	\$ 1,520	\$ 1,520	\$ 1,520	\$ 1,140	\$ 1,140	\$ 1,140	\$ 760	\$ -	\$ -	\$ -	\$ -
Oil/Water Storage Tanks (1000 Gal)	\$ 2,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400	\$ 320	\$ 320	\$ 320	\$ 240	\$ 240	\$ 240	\$ 160	\$ -	\$ -	\$ -	\$ -
Blackstart Diesel Generator	\$ 1,350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 216,000	\$ 216,000	\$ 216,000	\$ 216,000	\$ 162,000	\$ 162,000	\$ 162,000	\$ 108,000	\$ -	\$ -	\$ -	\$ -
Air Compressor Skids (2 X 100%)	\$ 240,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 48,000	\$ 38,400	\$ 38,400	\$ 38,400	\$ 28,800	\$ 28,800	\$ 28,800	\$ 19,200	\$ -	\$ -	\$ -	\$ -
Overhead Bridge Crane	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,000	\$ 72,000	\$ 72,000	\$ 72,000	\$ 54,000	\$ 54,000	\$ 54,000	\$ 36,000	\$ -	\$ -	\$ -	\$ -
Building Ventilation Fans	\$ 130,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,000	\$ 20,800	\$ 20,800	\$ 20,800	\$ 15,600	\$ 15,600	\$ 15,600	\$ 10,400	\$ -	\$ -	\$ -	\$ -
Plant Electrical Systems	\$ 1,995,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 480,000	\$ 480,000	\$ 480,000	\$ 480,000	\$ 360,000	\$ 360,000	\$ 360,000	\$ 240,000	\$ -	\$ -	\$ -	\$ -
39/52/65 MVA, 13.8 kV/115 kV GSU Xfmrs (2x)	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000	\$ 480,000	\$ 480,000	\$ 480,000	\$ 360,000	\$ 360,000	\$ 360,000	\$ 240,000	\$ -	\$ -	\$ -	\$ -
24/32/40 MVA, 13.8 kV/115 kV GSU Xfmrs (1x)	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 80,000	\$ -	\$ -	\$ -	\$ -
15 kV Non-Seq Bus Duct (3x)	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ 96,000	\$ 96,000	\$ 96,000	\$ 72,000	\$ 72,000	\$ 72,000	\$ 48,000	\$ -	\$ -	\$ -	\$ -
15 kV Switchgear (3x)	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 60,000	\$ -	\$ -	\$ -	\$ -
7000 kVA, 4160 V/13.8 kV Aux Xlmr (2x)	\$ 650,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 130,000	\$ 104,000	\$ 104,000	\$ 104,000	\$ 78,000	\$ 78,000	\$ 78,000	\$ 52,000	\$ -	\$ -	\$ -	\$ -
4160V Switchgear	\$ 650,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 130,000	\$ 104,000	\$ 104,000	\$ 104,000	\$ 78,000	\$ 78,000	\$ 78,000	\$ 52,000	\$ -	\$ -	\$ -	\$ -
2500 kVA, 480 V Aux Xlmr (2x)	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 10,000	\$ -	\$ -	\$ -	\$ -
480 V Critical Load MCC (2x)	\$ 175,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ 28,000	\$ 28,000	\$ 28,000	\$ 21,000	\$ 21,000	\$ 21,000	\$ 14,000	\$ -	\$ -	\$ -	\$ -
480 V Plant MCCs (2x)	\$ 850,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 170,000	\$ 136,000	\$ 136,000	\$ 136,000	\$ 102,000	\$ 102,000	\$ 102,000	\$ 68,000	\$ -	\$ -	\$ -	\$ -
125 VDC Battery System	\$ 175,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ 28,000	\$ 28,000	\$ 28,000	\$ 21,000	\$ 21,000	\$ 21,000	\$ 14,000	\$ -	\$ -	\$ -	\$ -
Misc. Panels/Cabins	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,000	\$ 2,400	\$ 2,400	\$ 2,400	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,200	\$ -	\$ -	\$ -	\$ -
DCS System	\$ 3,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 700,000	\$ 560,000	\$ 560,000	\$ 560,000	\$ 420,000	\$ 420,000	\$ 420,000	\$ 280,000	\$ -	\$ -	\$ -	\$ -
Communication & Security System	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,000	\$ 56,000	\$ 56,000	\$ 56,000	\$ 42,000	\$ 42,000	\$ 42,000	\$ 28,000	\$ -	\$ -	\$ -	\$ -
Secondary Service Feed Switchgear (115/13.8 kV)	\$ 95,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,000	\$ 15,200	\$ 15,200	\$ 15,200	\$ 11,400	\$ 11,400	\$ 11,400	\$ 7,600	\$ -	\$ -	\$ -	\$ -
Substation	\$ 11,800,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,111,000	\$ 888,800	\$ 888,800	\$ 888,800	\$ 666,600	\$ 666,600	\$ 666,600	\$ 444,400	\$ -	\$ -	\$ -	\$ -
115 kV GIS Breakers/Switchgear	\$ 8,400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,680,000	\$ 1,344,000	\$ 1,344,000	\$ 1,344,000	\$ 1,011,000	\$ 1,011,000	\$ 1,011,000	\$ 674,000	\$ -	\$ -	\$ -	\$ -
Relay & Control Equipment	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ 64,000	\$ 64,000	\$ 64,000	\$ 48,000	\$ 48,000	\$ 48,000	\$ 32,000	\$ -	\$ -	\$ -	\$ -
115kV Insulated Cable & Connections	\$ 1,300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 260,000	\$ 208,000	\$ 208,000	\$ 208,000	\$ 156,000	\$ 156,000	\$ 156,000	\$ 104,000	\$ -	\$ -	\$ -	\$ -
GIS Building	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 240,000	\$ 240,000	\$ 240,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 120,000	\$ -	\$ -	\$ -	\$ -
EPC CONTRACTOR CONSTRUCTION	\$ 73,375,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,440,000	\$ 1,152,000	\$ 1,152,000	\$ 1,152,000	\$ 864,000	\$ 864,000	\$ 864,000	\$ 576,000	\$ -	\$ -	\$ -	\$ -
Construction	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 93,750	\$ 93,750	\$ 93,750	\$ 62,500	\$ -	\$ -	\$ -	\$ -
Site Clearing & Soil Removal	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Civil Grading & Prop	\$ 1,800,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 900,000	\$ 720,000	\$ 720,000	\$ 720,000	\$ 540,000	\$ 540,000	\$ 540,000	\$ 360,000	\$ -	\$ -	\$ -	\$ -
Temporary Construction Facilities	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,000	\$ 72,000	\$ 72,000	\$ 72,000	\$ 54,000	\$ 54,000	\$ 54,000	\$ 36,000	\$ -	\$ -	\$ -	\$ -
Underground Utilities	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -
Foundations	\$ 3,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 350,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 210,000	\$ 210,000	\$ 210,000	\$ 140,000	\$ -	\$ -	\$ -	\$ -
Buildings (incl. construction)	\$ 2,750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 550,000	\$ 440,000	\$ 440,000	\$ 440,000	\$ 330,000	\$ 330,000	\$ 330,000	\$ 220,000	\$ -	\$ -	\$ -	\$ -
CTG Building	\$ 2,750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 550,000	\$ 440,000	\$ 440,000	\$ 440,000	\$ 330,000	\$ 330,000	\$ 330,000	\$ 220,000	\$ -	\$ -	\$ -	\$ -
Admin/Electrical Building	\$ 6,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,300,000	\$ 1,040,000	\$ 1,040,000	\$ 1,040,000	\$ 780,000	\$ 780,000	\$ 780,000	\$ 520,000	\$ -	\$ -	\$ -	\$ -
Maintenance/Water Treatment Bldg	\$ 2,250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 360,000	\$ 360,000	\$ 360,000	\$ 270,000	\$ 270,000	\$ 270,000	\$ 180,000	\$ -	\$ -	\$ -	\$ -
STG Building	\$ 3,750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -
STG Building (2x)	\$ 4,250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 850,000	\$ 680,000	\$ 680,000	\$ 680,000	\$ 510,000	\$ 510,000	\$ 510,000	\$ 340,000	\$ -	\$ -	\$ -	\$ -
MH3 Shed	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 10,000	\$ -	\$ -	\$ -	\$ -
Blackstart Generator Building	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 8,000	\$ -	\$ -	\$ -	\$ -
Mechanical Construction	\$ 14,750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,950,000	\$ 2,360,000	\$ 2,360,000	\$ 2,360,000	\$ 1,770,000	\$ 1,770,000	\$ 1,770,000	\$ 1,180,000	\$ -	\$ -	\$ -	\$ -
Electrical Construction	\$ 23,800,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,720,000	\$ 3,776,000	\$ 3,776,000	\$ 3,776,000	\$ 2,832,000	\$ 2,832,000	\$ 2,832,000	\$ 1,888,000	\$ -	\$ -	\$ -	\$ -
Instrumentation & Control	\$ 7,450,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,462,500	\$ 1,170,000	\$ 1,170,000	\$ 1,170,000	\$ 877,500	\$ 877,500	\$ 877,500	\$ 585,000	\$ -	\$ -	\$ -	\$ -
EPC COMMISSIONING COSTS	\$ 4,895,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 979,000	\$ 783,200	\$ 783,200	\$ 783,200	\$ 587,400	\$ 587,400	\$ 587,400	\$ 391,600	\$ -	\$ -	\$ -	\$ -
Commissioning & Startup	\$ 85,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,000	\$ 13,600	\$ 13,600	\$ 13,600	\$ 10,200	\$ 10,200	\$ 10,200	\$ 6,800	\$ -	\$ -	\$ -	\$ -
OTSG Technical Assistance	\$ 550,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 110,000	\$ 88,000	\$ 88,000	\$ 88,000	\$ 66,000	\$ 66,000	\$ 66,000	\$ 44,000	\$ -	\$ -	\$ -	\$ -
STG Technical Assistance	\$ 220,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 44,000	\$ 35,200	\$ 35,200	\$ 35,200	\$ 26,400	\$ 26,400	\$ 26,400	\$ 17,600	\$ -	\$ -	\$ -	\$ -
Gas Compressor Technical Assistance	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,000	\$ 9,600	\$ 9,600	\$ 9,600	\$ 7,200	\$ 7,200	\$ 7,200	\$ 4,800	\$ -	\$ -	\$ -	\$ -
M&P Operator Assistance	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ 64,000	\$ 64,000	\$ 64,000	\$ 48,000	\$ 48,000	\$ 48,000	\$ 32,000	\$ -	\$ -	\$ -	\$ -
Startup Contractor Labor	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ 96,000	\$ 96,000	\$ 96,000	\$ 72,000	\$ 72,000	\$ 72,000	\$ 48,000	\$ -	\$ -	\$ -	\$ -
Initial Source Testing	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 8,000	\$ -	\$ -	\$ -	\$ -
Expensables & Fuel	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ 48,000	\$ 48,000	\$ 48,000	\$ 36,000	\$ 36,000	\$ 36,000	\$ 24,000				