		Total Cost Over Regulatory		Project dura	tion and expend	ture (\$ 000)						% Total Cost by Asset Group			
Project GTN-MGA: 81/82 O/H EARTH LINE REPLACE.	Project Description Asset replacement - transmission lines	Period (\$000) \$ 491	Driver Asset Replacement	2004/2005 2005/2006		2007/2008	2008/2009	Notes Transformers	Reactors	Capacitors	CBs	Lines - steel Lines - wood	Cables Non network	SCADA	Land TOTAL
REPLACE 42 CB 66kV - VARIOUS TYPES	Asset replacement - circuit breakers	\$ 2,318	Asset Replacement		\$ 749	\$ 774	\$ 795				100	100			100
DISTANCE RELAY REPLACEMENT PROJ STAGE 1 HADFIELDS S/S: REPLACE T3 TRANSFORMER	7 tood replacement protection equipment	\$ 127 \$ 8	Asset Replacement Asset Replacement		\$ 123 \$ 8		\$ - \$ -	100			100				100
CANNINGTON TERM: REPLACE CAP 81 REACTORS	Asset replacement - reactors	\$ 352	Asset Replacement		\$ 352		\$ -	100	100						100
REPLACE 92 CGE 132kV VTS TYPE VCM.138 REPLACE 48 CB 132kV VARIOUS TYPES	Asset replacement - voltage transformers Asset replacement - circuit breakers	\$ 18 \$ 4,205	Asset Replacement Asset Replacement		\$ 18 \$ 2,118		\$ 929				100 100				100
REPLACE OLD RELAYS - STAGE 2 REPLACE GEM80 CONTROLLERS	Asset replacement - protection equipment Asset replacement - protection equipment	\$ 107 \$ 157	Asset Replacement Asset Replacement		\$ 107 \$ 157		\$ - \$ -				100 100				100 100
REPLACE SOLKOR RELAYS BOTH ENDS SF-ST 81	Asset replacement - protection equipment	\$ 160	Asset Replacement		\$ 160	\$ -	\$ -				100				100
REPLACE 143 ARIC OIL & WINDING TEMPERAT ASSET REPL -SECONDARY-OVERCURRENT		\$ 1,372 \$ 569	Asset Replacement Asset Replacement		\$ 428 \$ -	\$ 605 \$ 569					100 100				100
ASSET REPL -SECONDARY-DISTANCE	Asset replacement - protection equipment	\$ 2,133	Asset Replacement		\$ -	\$ -	\$ 2,133				100				100
ASSET REPL -SECONDARY-PILOT ASSET REPL -SECONDARY-TXR DIFFERENTIAL	Asset replacement - protection equipment	\$ 621	Asset Replacement Asset Replacement		\$ -	-	\$ 621				100 100				100
ASSET REPL -SECONDARY-LINE DIFFERENTIAL ASSET REPL -SECONDARY-BUS ZONE	71000t replacement protection equipment	\$ 37 \$ 194	Asset Replacement Asset Replacement		\$ - \$ -	\$ - \$ -	\$ 37 \$ 194				100 100				100 100
ASSET REPL -SECONDARY-FREQUENCY	Asset replacement - protection equipment	\$ 470	Asset Replacement		\$ -	\$ -	\$ 470				100				100
ASSET REPL -SECONDARY-S/S BATTERY BANKS ASSET REPL 66KV -SECONDARY-OVERCURRENT	Asset replacement - protection equipment Asset replacement - protection equipment	\$ 390 \$ 1,707	Asset Replacement Asset Replacement		\$ 125	\$ 130 \$ -	\$ 136 \$ 1,707				100 100				100 100
ASSET REPL 66KV -SECONDARY-DISTANCE ASSET REPL 66KV -SECONDARY-PILOT	Asset replacement - protection equipment	\$ 237	Asset Replacement		\$ -	\$ -	\$ 237 \$ 604				100				100
ASSET REPL 66KV -SECONDARY-FILOT ASSET REPL 66KV -SECONDARY-TX DIFFERENTI		\$ 604 \$ 342	Asset Replacement Asset Replacement		\$ -	\$ -	\$ 342				100 100				100 100
ASSET REPL 66KV -SECONDARY-BUS ZONE ASSET REPL 66KV -SECONDARY-FREQUENCY		\$ 263 \$ 291	Asset Replacement Asset Replacement		\$ - \$ -	7	\$ 263 \$ 291				100 100				100 100
ASSET REPL 66KV -SECONDARY-S/S BATT BANK	Asset replacement - protection equipment	\$ 195	Asset Replacement		\$ 62	\$ 65	\$ 68				100				100
INSTALL F60 RELAYS ON 5 HIGH BUSH FIRES INST TAP CHANGER RUNAWAY PROTECTION	7 todat replacement protection equipment	\$ 313 \$ 135	Asset Replacement Asset Replacement		\$ 313 \$ 135		\$ - \$ -				100				100 100
OVERCURRENT RELAY REPLACEMENT - STAGE 3 DISTANCE RELAY REPLACEMENT STAGE 2	Asset replacement - protection equipment	\$ 810 \$ 658	Asset Replacement		\$ 396 \$ 329						100				100
APLD RELAY REPLACEM - WKT-YLN 220KV LINE	Asset replacement - protection equipment	\$ 24	Asset Replacement Asset Replacement		\$ 24	\$ -	\$ -				100				100
CLARENCE ST. S/S : REPLACE 11KV INDOOR REPLACE 9 CBC 22kV EMAIL W'HOUSE	Asset replacement - protection equipment Asset replacement - circuit breakers	\$ 832 \$ 572	Asset Replacement Asset Replacement		\$ 832 \$ 468		\$ - \$ -				100 100				100
REPLACE 6 CB 330kV BROWN BOVERI	Asset replacement - circuit breakers	\$ 791	Asset Replacement		\$ -	\$ 791	\$ -				100				100
ASSET REPL - PRIMARY - CIRCUIT BREAKERS ASSET REPL - PRIMARY - COMPENSATING BANKS	Asset replacement - circuit breakers	\$ 2,355 \$ 51	Asset Replacement Asset Replacement		\$ - \$ -		\$ 2,355 \$ 51				100				100 100
ASSET REPL -PRIMARY- CONDITION MONITORIN ASSET REPL -PRIMARY- COMPENSATING REACTO	Asset replacement - protection equipment	\$ 0 \$	Asset Replacement Asset Replacement		\$ -	\$ -	\$ 0		100		100				100
ASSET REPL -PRIMARY- CURENT TRANSFORMER	Asset replacement - current transformers	\$ 2,189	Asset Replacement		\$ -	\$ 1,136			100		100				100
ASSET REPL -PRIMARY- MISC PLANT & EQUIP ASSET REPL -PRIMARY- SURGE ARRESTOR		\$ 0 \$ 515	Asset Replacement Asset Replacement		\$ - \$ -	\$ - \$ 257	\$ 0 \$ 257				100				100
ASSET REPL -PRIMARY- SWITCHGEAR	Asset replacement - protection equipment	\$ 515	Asset Replacement		\$ -	\$ 257	\$ 257				100				100
ASSET REPL -PRIMARY- SUBSTATIONS ASSET REPL -PRIMARY- VOLTAGE TRANSFORMER	Asset replacement - protection equipment Asset replacement - voltage transformers	\$ 813 \$ 313	Asset Replacement Asset Replacement		\$ - \$ -	\$ 407 \$ 157					100 100				100
ASSET REPL 66KV -PRIMARY-CIRCUIT BREAKER ASSET REPL 66KV -PRIMARY-CURENT TX	Asset replacement - circuit breakers	\$ 4,832 \$ 993	Asset Replacement Asset Replacement		\$ -	\$ 2,516		400			100				100
ASSET REPL 66KV -PRIMARY-SURGE ARRESTOR	rice in the second principle i	\$ 993 \$ 90	Asset Replacement		\$ -	\$ 488 \$ 74					100				100 100
ASSET REPL 66KV -PRIMARY-TRANSMISSION TX ASSET REPL 66KV -PRIMARY-VOLTAGE TX		\$ 886 \$ 835	Asset Replacement Asset Replacement		\$ - \$ -	\$ 886 \$ 384		100			100				100
REPLACE 21 ALSTOM GL107 22kV CB'S	Asset replacement - circuit breakers	\$ 597	Asset Replacement		\$ 320	\$ 277	\$ -				100				100
REPLACE 54 SA 66kV ACEC ALVS Replace 103 66kV CT - VARIOUS TYPES	The state of the s	\$ 91 \$ 988	Asset Replacement Asset Replacement		\$ 91 \$ 454		\$ - \$ -				100 100				100
REPLACE 31 VT 132kV - VARIOUS TYPES REPLACE 4 CAP 11kV DUCON OFT 6411	7 COOL TO PIGGOTTOTIC TOTAGE TRATIFICATION	\$ 384 \$ 402	Asset Replacement Asset Replacement		\$ 149 \$ 201					100	100				100 100
REPLACE 76 DIS 66kV- 62 ACELEC +14 METR	Asset replacement - capacitors Asset replacement - disconnectors	\$ 772	Asset Replacement		\$ 662	\$ 110	\$ -			100	100				100
REPLACE 115 CT 22kV - VARIOUS TYPES REPLACE 175 SA 132kV - VARIOUS TYPES	Asset replacement - current transformers Asset replacement - surge arrestors	\$ 506 \$ 1,053	Asset Replacement Asset Replacement		\$ 202 \$ 427						100 100				100
		.,,===	TOTAL Asset Replacement	\$ 5,480 \$ 9,133											
PJR - WNO : CONSTRUCT NEW 132KV LINE	PJR - WNO : Construct new 132KV line	\$ 16,115	Customer Driven - Generation		16,115	0	0				10	89		1	100
ST - THIRD 330/132KV TRANSFORMER SHO-KEM 91 STRINGING 2ND SIDE ON 330 kV		\$ 17,200 \$ 12,156	Customer Driven - Generation Customer Driven - Generation		3,318 11,504	5,156 652		59	20		20	89		1	100
NEERABUP - ESTAB. NEW TERMINAL STATION		\$ 39,453	Customer Driven - Generation		14,547	20,192		45			9	45		1	100
SOUTHERN TERMINAL: INSTALL 200 MVAr SVC KENWICK LINK: ESTABLISH 330kV/132kV TRAN	SOUTHERN TERMINAL: INSTALL 200 MVAr SVC KENWICK LINK: ESTABLISH 330kV/132kV TRAN	\$ 25,800 \$ 12,517	Customer Driven - Generation Customer Driven - Generation		3,300 12,517	14,800	7,700	40		80	20 14	45		1	100
CT : INSTALL 65MVAr CAP BANK	CT : INSTALL 65MVAr CAP BANK	\$ 1,130	Customer Driven - Generation		12,517	0	1,130			90	10	45		'	100
CHAMPION LAKES LAND PURCHASE SOUTH EAST TERM: EXTEND 330kV SWITCHY	CHAMPION LAKES LAND PURCHASE SOUTH EAST TERM: EXTEND 330kV SWITCHY	\$ 1,038 \$ 1,343	Customer Driven - Generation Customer Driven - Generation		0	0	1.038								100 100
ALINTA COGEN AT ALCOA PINJARRA - UNIT 2	ALINTA COGEN AT ALCOA PINJARRA - UNIT 2	\$ 6,988			0	0	,				55	$\Lambda\Lambda$		1	100
WATER CORP -SUPPLY KWINANA DESALINATION Perth/Mandurah Rail Project Tran Works	WATER CORP -SUPPLY KWINANA DESALINATION	7 0,000	Customer Driven - Generation		6,988		1,343				55 50	44 50		1	100 100
		\$ 197	Customer Driven - Generation Customer Driven - Bulk Loads		197	0	,	50		50				1	100 100
WAGERUP SUB NEW FEEDER CIRCUIT	Perth/Mandurah Rail Project Tran Works WAGERUP SUB NEW FEEDER CIRCUIT	\$ 197 \$ 6,150 \$ 290	Customer Driven - Generation Customer Driven - Bulk Loads Customer Driven - Bulk Loads Customer Driven - Bulk Loads		197 6,150 290	0	1,343 0 0 0 0	50 100		50		100		1	100 100 100 100 100
BODDINGTON GOLD MINE EXPANSION	Perth/Mandurah Rail Project Tran Works WAGERUP SUB NEW FEEDER CIRCUIT BODDINGTON GOLD MINE EXPANSION	\$ 197 \$ 6,150 \$ 290 \$ 76,645	Customer Driven - Generation Customer Driven - Bulk Loads Customer Driven - Bulk Loads Customer Driven - Bulk Loads Customer Driven - Bulk Loads		197 6,150	0 0 0 52,642	1,343 0 0 0 0 0 12,171	50 100		50		100 100		1	100 100 100 100 100 100
BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION	Perth/Mandurah Rail Project Tran Works WAGERUP SUB NEW FEEDER CIRCUIT BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORT'S SUPPLY - STAGE 2 MASON RD RRST CONVERSION	\$ 197 \$ 6,150 \$ 290 \$ 76,645 \$ 9,567 \$ 145	Customer Driven - Generation Customer Driven - Bulk Loads		197 6,150 290 11,832 8,343	0 0 0 52,642 1,224	1,343 0 0 0 0 0 12,171	50 100		50		100 100 100 100		1	100 100 100 100 100 100 100 100 100
BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2	Perth/Mandurah Rail Project Tran Works WAGERUP SUB NEW FEEDER CIRCUIT BODDINGTON GOLD MINE EXPANSION WESTRALLA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT	\$ 197 \$ 6,150 \$ 290 \$ 76,645 \$ 9,567	Customer Driven - Generation Customer Driven - Bulk Loads		197 6,150 290 11,832 8,343	0 0 0 52,642 1,224 0 0	1,343 0 0 0 0 0 12,171	50		50		100 100		1	100 100 100 100 100 100 100
BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT	PertiMandurah Rail Project Tran Works WAGERUP SUB NEW FEEDER CIRCUIT BODDINGTON GOLD MINE EXPANSION WESTRALLA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT	\$ 197 \$ 6,150 \$ 290 \$ 76,645 \$ 9,567 \$ 145 \$ 100	Customer Driven - Generation Customer Driven - Bulk Loads	\$ 45,030 \$ 71,600	197 6,150 290 11,832 8,343 145 100 2,145	0 0 0 52,642 1,224 0 0	1,343 0 0 0 0 12,171 0 0 0 0	50		50		100 100 100 100		1	100 100 100 100 100 100 100 100 100
BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT	PertiMandurah Rail Project Tran Works WAGERUP SUB NEW FEEDER CIRCUIT BODDINGTON GOLD MINE EXPANSION WESTRALLA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT	\$ 197 \$ 6,150 \$ 299 \$ 76,645 \$ 9,567 \$ 145 \$ 100 \$ 2,145	Customer Driven - Generation Customer Driven - Bulk Loads TOTAL Customer Driven IT (inc Market Reform)	\$ 45,030 \$ 71,600	197 6,150 290 11,832 8,343 145 100 2,145	0 0 0 52,642 1,224 0 0 0 \$94,666	1,343 0 0 0 0 12,171 0 0 0 36,821	100		50		100 100 100 100	100	1	100 100 100 100 100 100 100 100 100
BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION System / Data access for others Hardware Purchases	Perth/Mandurah Rail Project Tran Works WAGERUP SUB NEW FEEDER CIRCUIT BODDINGTON GOLD MINE EXPANSION WESTRALLA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION Establish access to network data by retailers, generators & stakeholders Various minor hardware purchases	\$ 197 \$ 6,150 \$ 290 \$ 76,645 \$ 9,567 \$ 1445 \$ 100 \$ 2,145	Customer Driven - Generation Customer Driven - Bulk Loads TOTAL Customer Driven IT (inc Market Reform) IT (inc Market Reform)	\$ 45,030 \$ 71,600	197 6,150 290 11,832 8,343 145 1000 2,145 \$ 97,492 \$ 17 \$ 27	0 0 0 52,642 1,224 0 0 0 \$ 94,666 \$ 150	1,343 0 0 0 0 12,171 0 0 0 \$ \$ \$46,821 \$ \$46,822	100		50		100 100 100 100	100	1	100 100 100 100 100 100 100 100 100 100
BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION System / Data access for others Hardware Purchases Disaster Recovery Project Asset Systems Rationalisation	Perth/Mandurah Rail Project Tran Works WAGERUP SUB NEW FEEDER CIRCUIT BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION Establish access to network data by retailers, generators & stakeholders Various minor hardware purchases Implementation of IT disaster recovery plan Enhancement of current asset management systems (various)	\$ 197 \$ 6,150 \$ 290 \$ 76,645 \$ 9,567 \$ 100 \$ 2,145 \$ 213 \$ 277 \$ 2420 \$ 226	Customer Driven - Generation Customer Driven - Bulk Loads TOTAL Customer Driven IT (inc Market Reform)	\$ 45,030 \$ 71,600	197 6.150 290 11,832 8,343 145 1000 2,1455 \$ 97,492 \$ 17 \$ 27 \$ 40 \$ 80	0 0 0 52,642 1,224 0 0 0 \$ 94,666 \$ 150 \$ 27 \$ 320 \$ 100	1,343 0 0 0 0 0 12,171 0 0 0 \$ 36,821 \$ 46 \$ 23 \$ 60 \$ 36,821	100		50		100 100 100 100	100 100 100	1	100 100 100 100 100 100 100 100 100 100
BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION System / Data access for others Hardware Purchases Disaster Recovery Project Asset Systems Rationalisation Compliance Reporting	PertiMandurah Rail Project Tran Works WAGERUP SUB NEW FEEDER CIRCUIT BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION Establish access to network data by retailers, generators & stakeholders Various minor hardware purchases Implementation of IT disaster recovery plan	\$ 197 \$ 6,150 \$ 290 \$ 76,645 \$ 9,567 \$ 100 \$ 2,145 \$ 213 \$ 277 \$ 2420 \$ 226	Customer Driven - Generation Customer Driven - Bulk Loads TOTAL Customer Driven IT (inc Market Reform) IT (inc Market Reform) IT (inc Market Reform) IT (inc Market Reform)	\$ 45,030 \$ 71,600	197 6.150 290 11.832 8.343 145 100 2.145 \$ 97,492 \$ 17 \$ 27 \$ 40	0 0 0 52,642 1,224 0 0 \$ 94,666 \$ 150 \$ 27 \$ 320 \$ 100	1,343 0 0 0 0 0 12,171 0 0 0 0 0 \$ 36,821 \$ \$ 46 \$ 23 \$ 60 \$ 36 \$ 36 \$ 36	100		50		100 100 100 100	100 100	1	100 100 100 100 100 100 100 100 100 100
BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION System / Data access for others Hardware Purchases Disaster Recovery Project Asset Systems Rationalisation Compliance Reporting Customer Information Systems Reliability Program	PertiMandurah Rail Project Tran Works WAGERUP SUB NEW FEEDER CIRCUIT BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION Establish access to network data by retailers, generators & stakeholders Various minor hardware purchases Implementation of IT disaster recovery plan Enhancement of current asset management systems (various) Establish/modify systems to support new compliance reporting processes Establish a Networks Customer Information System System enhancements for reliability data recording, analysis & reporting	\$ 197 \$ 6,150 \$ 290 \$ 76,645 \$ 9,567 \$ 145 \$ 100 \$ 2,145 \$ 77 \$ 420 \$ 248 \$ 174 \$ 382 \$ 382 \$ 616	Customer Driven - Generation Customer Driven - Bulk Loads TOTAL Customer Driven IT (inc Market Reform)	\$ 45,030 \$ 71,600	197 6.150 290 11.832 8.343 1454 100 2.145 \$ 97,492 \$ 17 \$ 27 \$ 40 \$ 80 \$ 87 \$ 200	0 0 0 52,642 1,224 0 0 \$ 94,666 \$ 150 \$ 27 \$ 320 \$ 100 \$ 330 \$ 202	1,343 0 0 0 0 0 12,171 0 0 0 0 \$\$ 36,821 \$\$ 46 \$\$ 23 \$\$ 60 \$\$ 36 \$\$ 36 \$\$ 302 \$\$ 302 \$\$ 148	100		50		100 100 100 100	100 100 100 100 100 100	1	100 100 100 100 100 100 100 100 100 100
BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION System / Data access for others Hardware Purchases Disaster Recovery Project Asset Systems Rationalisation Compliance Reporting Customer Information Systems	PertMandurah Rail Project Tran Works WAGERUP SUB NEW FEEDER CIRCUIT BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION Establish access to network data by retailers, generators & stakeholders Various minor hardware purchases Implementation of IT disaster recovery plan Enhancement of current asset management systems (various) Establish Modify systems to support new compliance reporting processes Establish and Stady Sta	\$ 197 \$ 6,150 \$ 290 \$ 76,645 \$ 9,567 \$ 100 \$ 2,145 \$ 213 \$ 213 \$ 277 \$ 420 \$ 216 \$ 174 \$ 883 \$ 832 \$ 616 \$ 1,510 \$ 936	Customer Driven - Generation Customer Driven - Bulk Loads TOTAL Customer Driven IT (inc Market Reform)	\$ 45,030 \$ 71,600	197 6.150 2990 11.832 8.343 1445 1000 2.1455 \$ 97,492 \$ 17 \$ 27 \$ 40 \$ 80 \$ 87 \$ 200 \$ 267 \$ 480 \$ 480	0 0 0 52,642 1,224 0 0 0 \$ 94,666 \$ 150 \$ 27 \$ 320 \$ 100 \$ 87 \$ 320 \$ 202 \$ 480 \$ 202 \$ 480	1,343 0 0 0 0 0 12,171 0 0 0 \$ 36,821 \$ \$ 46 \$ \$ 23 \$ \$ 60 \$ \$ 36 \$ 148 \$ \$ 550	100		50		100 100 100 100	100 100 100 100 100 100 100 100 100	1	100 100 100 100 100 100 100 100 100 100
BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION System / Data access for others Hardware Purchases Disaster Recovery Project Asset Systems Rationalisation Compliance Reporting Customer Information Systems Reliability Program IT&T Systems Maintenance & Support Workforce Management Interfaces to Interim Market	PertiMandurah Rail Project Tran Works WAGERUP SUB NEW FEEDER CIRCUIT BODDINGTON GOLD MINE EXPANSION WESTRALLA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION Establish access to network data by retailers, generators & stakeholders Various minor hardware purchases Implementation of IT disaster recovery plan Enhancement of current asset management systems (various) Establish/modify systems to support new compliance reporting processes Establish a Networks Customer Information System System enhancements for reliability data recording, analysis & reporting IT&T Systems Maintenance & Support (ongoing) Establish IT interfaces with IMO to provide operational data as required	\$ 197 \$ 6,150 \$ 299 \$ 76,645 \$ 9,567 \$ 1445 \$ 100 \$ 2,145 \$ 77 \$ 420 \$ 216 \$ 174 \$ 832 \$ 616 \$ 1,510 \$ 936 \$ 1,550	Customer Driven - Generation Customer Driven - Bulk Loads TOTAL Customer Driven IT (inc Market Reform)	\$ 45,030 \$ 71,600	197 6.150 2990 11.832 8.343 1454 1000 2.145 \$ 97,492 \$ 17 \$ 27 \$ 40 \$ 80 \$ 87 \$ 200 \$ 87 \$ 490 \$ 490 \$ 140	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,343 0 0 0 0 0 12,171 0 0 0 0 \$ 36,821 \$ \$ 46 \$ 23 \$ \$ 60 \$ 36 \$ - \$ 302 \$ 148 \$ \$ 550 \$ 224	100		50		100 100 100 100	100 100 100 100 100 100 100 100 100 100	1	100 100 100 100 100 100 100 100 100 100
BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION System / Data access for others Hardware Purchases Disaster Recovery Project Asset Systems Rationalisation Compliance Reporting Customer Information Systems Reliability Program IT&T Systems Maintenance & Support Workforce Management	PertMandurah Rail Project Tran Works WAGERUP SUB NEW FEEDER CIRCUIT BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION Establish access to network data by retailers, generators & stakeholders Various minor hardware purchases Implementation of IT disaster recovery plan Enhancement of current asset management systems (various) Establish Modify systems to support new compliance reporting processes Establish and Stady Sta	\$ 197 \$ 6,150 \$ 290 \$ 76,645 \$ 9,567 \$ 100 \$ 2,145 \$ 213 \$ 213 \$ 277 \$ 420 \$ 216 \$ 174 \$ 883 \$ 832 \$ 616 \$ 1,510 \$ 936	Customer Driven - Generation Customer Driven - Bulk Loads TOTAL Customer Driven IT (inc Market Reform)	\$ 45,030 \$ 71,600 \$ 1,110 \$ 2,579	\$ 197 \$ 6.150 299 \$ 11.832 \$ 8.343 \$ 145 \$ 100 2.145 \$ 97,492 \$ 17 \$ 27 \$ 40 \$ 80 \$ 87 \$ 267 \$ 267 \$ 267 \$ 1,500 \$ 267 \$ 1,500 \$ 2,453	0 0 0 0 52,642 1,224 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,343 0 0 0 0 0 12,171 0 0 0 \$ 36,821 \$ \$ 46 \$ 23 \$ 60 \$ \$ 36 \$ - \$ 302 \$ 148 \$ 550 \$ \$ 234 \$ 550 \$ \$ 378	100		50		100 100 100 100	100 100 100 100 100 100 100 100 100	1	100 100 100 100 100 100 100 100 100 100
BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION System / Data access for others Hardware Purchases Disaster Recovery Project Asset Systems Rationalisation Compliance Reporting Customer Information Systems Reliability Program IT&T Systems Maintenance & Support Workforce Management Interfaces to Interim Market	PertiMandurah Rail Project Tran Works WAGERUP SUB NEW FEEDER CIRCUIT BODDINGTON GOLD MINE EXPANSION WESTRALLA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION Establish access to network data by retailers, generators & stakeholders Various minor hardware purchases Implementation of IT disaster recovery plan Enhancement of current asset management systems (various) Establish/modify systems to support new compliance reporting processes Establish a Networks Customer Information System System enhancements for reliability data recording, analysis & reporting IT&T Systems Maintenance & Support (ongoing) Establish IT interfaces with IMO to provide operational data as required	\$ 197 \$ 6,150 \$ 299 \$ 76,645 \$ 9,567 \$ 1445 \$ 100 \$ 2,145 \$ 77 \$ 420 \$ 216 \$ 174 \$ 832 \$ 616 \$ 1,510 \$ 936 \$ 1,550	Customer Driven - Generation Customer Driven - Bulk Loads TOTAL Customer Driven IT (inc Market Reform)		\$ 197 \$ 6.150 299 \$ 11.832 \$ 8.343 \$ 145 \$ 100 2.145 \$ 97,492 \$ 17 \$ 27 \$ 40 \$ 80 \$ 87 \$ 267 \$ 267 \$ 267 \$ 1,500 \$ 267 \$ 1,500 \$ 2,453	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,343 0 0 0 0 0 12,171 0 0 0 0 0 0 0 \$ 36,821 \$ \$ 46 \$ 23 \$ \$ 60 \$ 36 \$ 23 \$ \$ 40,766	100		50		100 100 100 100	100 100 100 100 100 100 100 100 100 100	1	100 100 100 100 100 100 100 100 100 100
BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION System / Data access for others Hardware Purchases Disaster Recovery Project Asset Systems Rationalisation Compliance Reporting Customer Information Systems Reliability Program IT&T Systems Maintenance & Support Workforce Management Interfaces to Interim Market GIS Replacement POLE STRENGTHENING REINFORCEMENT Pole Replacement	PertiMandurah Rail Project Tran Works WAGERUP SUB NEW FEEDER CIRCUIT BODDINGTON GOLD MINE EXPANSION WESTRALLA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION Establish access to network data by retailers, generators & stakeholders Various minor hardware purchases Implementation of IT disaster recovery plan Enhancement of current asset management systems (various) Establish/modify systems to support new compliance reporting processes Establish a Networks Customer Information System System enhancements for reliability data recording, analysis & reporting IT&T Systems Maintenance & Support (ongoing) Establish IT interfaces with IMO to provide operational data as required Replacement of current geographic information system Yearly Pole Reinforement Program Yearly Pole Reinforement Program	\$ 197 \$ 6,150 \$ 290 \$ 76,645 \$ 9,567 \$ 145 \$ 100 \$ 2,145 \$ 100 \$ 2,145 \$ 177 \$ 420 \$ 218 \$ 177 \$ 420 \$ 174 \$ 832 \$ 174 \$ 832 \$ 1,510 \$ 936 \$ 1,500 \$ 8,354	Customer Driven - Generation Customer Driven - Bulk Loads TOTAL Customer Driven IT (inc Market Reform)		197 6.150 290 11.832 8.343 1454 100 2.145 \$ 97,492 \$ 40 \$ 80 \$ 27 \$ 40 \$ 80 \$ 87 \$ 200 \$ 15,500 \$ 1,500 \$ 1,500 \$ 5,850 \$ 5,850 \$ 63	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,343 0 0 0 0 0 12,171 0 0 0 0 \$ 36,821 \$ \$ 46 \$ 23 \$ \$ 60 \$ 36 \$ - \$ 302 \$ 148 \$ 5 550 \$ 224 \$ - \$ 3,378 \$ 4,766	100		50	50	100 100 100 100 100	100 100 100 100 100 100 100 100 100 100	1	100 100 100 100 100 100 100 100 100 100
BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION System / Data access for others Hardware Purchases Disaster Recovery Project Asset Systems Rationalisation Compliance Reporting Customer Information Systems Reliability Program IT&T Systems Maintenance & Support Workforce Management Interfaces to Interim Market GIS Replacement POLE STRENGTHENING REINFORCEMENT Pole Replacement FAULT RECORDING UPGRADE STAGE 2 RELIABILITY DRIVEN - SECONDARY-FAULT RECO	PertiMandurah Rail Project Tran Works WAGERUP SUB NEW FEEDER CIRCUIT BODDINGTON GOLD MINE EXPANSION WESTRALLA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION Establish access to network data by retailers, generators & stakeholders Various minor hardware purchases Implementation of IT disaster recovery plan Enhancement of current asset management systems (various) Establish/modify systems to support new compliance reporting processes Establish a Networks Customer Information System System enhancements for reliability data recording, analysis & reporting IT&T Systems Maintenance & Support (ongoing) Establish IT interfaces with IMO to provide operational data as required Replacement of current geographic information system Yearly Pole Reinforement Program Yearly Pole Reinforement Program Install fault recording equipment to facilitate failure investigations	\$ 197 \$ 6,150 \$ 290 \$ 76,645 \$ 9,567 \$ 100 \$ 2,145 \$ 100 \$ 2,145 \$ 177 \$ 420 \$ 177 \$	Customer Driven - Generation Customer Driven - Bulk Loads TOTAL Customer Driven IT (inc Market Reform) Reliability Driven Reliability Driven Reliability Driven		197 6.150 2990 11.832 8.343 1454 100 2.1455 \$ 97,492 \$ 17 \$ 27 \$ 40 \$ 80 \$ 87 \$ 267 \$ 480 \$ 5,850 \$ 1,500 \$ 2,653 \$ 5,850 \$ 630 \$ 690 \$ 211	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,343 0 0 0 0 12,171 0 0 0 12,171 0 0 0 \$\$ 36,821 \$\$ 46 \$\$ 23 \$\$ 60 \$\$ 36 \$\$ \$\$ 302 \$\$ 148 \$\$ 550 \$\$ 224 \$\$ \$\$ 550 \$\$ 244 \$\$ \$\$ \$\$ 3,378 \$\$ 4,766 \$\$ \$\$ 913 \$\$	100		50	100	50 100 100 100 100 100 100	100 100 100 100 100 100 100 100 100 100	1	100 100 100 100 100 100 100 100 100 100
BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION System / Data access for others Hardware Purchases Disaster Recovery Project Asset Systems Rationalisation Compliance Reporting Customer Information Systems Reliability Program IT&T Systems Maintenance & Support Workforce Management Interfaces to Interim Market GIS Replacement POLE STRENGTHENING REINFORCEMENT Pole Replacement FAULT RECORDING UPGRADE STAGE 2 RELIABILITY DRIVEN - SECONDARY-FAULT RECO BRING CAP BNK ALARMS TO SOCC FROM 43 5/S	PertiMandurah Rail Project Tran Works WAGERUP SUB NEW FEEDER CIRCUIT BODDINGTON GOLD MINE EXPANSION WESTRALLA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION Establish access to network data by retailers, generators & stakeholders Various minor hardware purchases Implementation of IT disaster recovery plan Enhancement of current asset management systems (various) Establish/modify systems to support new compliance reporting processes Establish a Networks Customer Information System System enhancements for reliability data recording, analysis & reporting IT&T Systems Maintenance & Support (ongoing) Establish IT interfaces with IMO to provide operational data as required Replacement of current geographic information system Yearly Pole Reinforement Program Yearly Pole Reinforement Program Install fault recording equipment to facilitate failure investigations New and replacement fault recorders in various substations To annunciate cap bank failures at control centre	\$ 197 \$ 6,150 \$ 290 \$ 76,645 \$ 9,567 \$ 1445 \$ 100 \$ 2,145 \$ 12,145 \$ 177 \$ 420 \$ 216 \$ 177 \$ 396 \$ 15,510 \$ 396 \$ 1,550 \$ 396 \$ 1,500 \$ 2,397 \$ 2,2397 \$ 2,2397 \$ 2,2397 \$ 2,2397	Customer Driven - Generation Customer Driven - Bulk Loads TOTAL Customer Driven IT (inc Market Reform) TOTAL IT (inc Market Reform) Reliability Driven Reliability Driven Reliability Driven Reliability Driven		\$ 197 \$ 6.150 2990 \$ 11.832 8.343 1454 \$ 1000 \$ 2.145 \$ 97,492 \$ 17 \$ 40 \$ 80 \$ 87 \$ 200 \$ 87 \$ 200 \$ 2.653 \$ 5,850 \$ 1,500 \$ 2,653 \$ 5,850 \$ 630 \$ 211 \$ -	\$ 150 \$ 1480 \$ 2,243 \$ 1,224 \$ 1,224 \$ 0 \$ 94,666 \$ 150 \$ 27 \$ 320 \$ 100 \$ 202 \$ 480 \$ 213 \$ 2,323 \$ 4,231 \$ 794 \$ 794 \$ 795	1,343 0 0 0 0 0 12,171 0 0 0 0 0 \$ 36,821 \$ \$ 46 \$ 23 \$ \$ 60 \$ 36 \$ 23 \$ \$ 40,766 \$ \$ 84 \$ 913 \$ \$ 148 \$ 913 \$ \$ 15 \$ 15 \$ 15 \$ 15 \$ 15 \$ 15 \$ 15	100		50	100	50 100 100 100 100 100 100 100	100 100 100 100 100 100 100 100 100 100	1	100 100 100 100 100 100 100 100 100 100
BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION System / Data access for others Hardware Purchases Disaster Recovery Project Asset Systems Rationalisation Compliance Reporting Customer Information Systems Reliability Program IT&T Systems Maintenance & Support Workforce Management Interfaces to Interim Market GIS Replacement POLE STRENGTHENING REINFORCEMENT Pole Replacement FAULT RECORDING UPGRADE STAGE 2 RELIABILITY DRIVEN - SECONDARY-FAULT RECO	PertiMandurah Rail Project Tran Works WAGERUP SUB NEW FEEDER CIRCUIT BODDINGTON GOLD MINE EXPANSION WESTRALLA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION Establish access to network data by retailers, generators & stakeholders Various minor hardware purchases Implementation of IT disaster recovery plan Enhancement of current asset management systems (various) Establish/modify systems to support new compliance reporting processes Establish a Networks Customer Information System System enhancements for reliability data recording, analysis & reporting IT&T Systems Maintenance & Support (ongoing) Establish IT interfaces with IMO to provide operational data as required Replacement of current geographic information system Yearly Pole Reinforement Program Yearly Pole Reinforement Program Install fault recording equipment to facilitate failure investigations New and replacement fault recorders in various substations To annunciate cap bank failures at control centre	\$ 197 \$ 6,150 \$ 290 \$ 76,645 \$ 9,567 \$ 145 \$ 100 \$ 2,145 \$ 213 \$ 777 \$ 420 \$ 216 \$ 177 \$ 366 \$ 177 \$ 377 \$ 420 \$ 178 \$ 179 \$ 216 \$ 377 \$ 383 \$ 377 \$ 383 \$ 377 \$ 420 \$ 377 \$ 420 \$ 377 \$ 420 \$ 377 \$ 420 \$ 5 216 \$ 5 220	Customer Driven - Generation Customer Driven - Bulk Loads TOTAL Customer Driven IT (inc Market Reform) IT	\$ 1,110 \$ 2,579	197 6.150 2990 11.832 8.343 1454 100 2.145 \$ 97,492 \$ 40 \$ 80 \$ 87 \$ 200 \$ 15,500 \$ 1,500 \$ 1,500 \$ 5,850 \$ 5,850 \$ 51 \$ 63 \$ 690 \$ 211 \$ -5 \$ 151 \$ 5550	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,343 0 0 0 0 0 12,171 0 0 0 0 \$ 36,821 \$ \$ 46 \$ 23 \$ \$ 60 \$ 336 \$ - \$ 302 \$ 148 \$ 5,550 \$ 24 \$ \$ \$ \$ 4,766 \$ \$ 8 \$ 913 \$ \$ - \$ 8 \$ 913 \$ \$ - \$ 8 913 \$ - \$ 8 913 \$ - \$ 8 913 \$ - \$ 8 913 \$ - \$ 8 913 \$ 914 \$ 915 \$ 915 \$ 915 \$ 916 \$ 917 \$ 917 \$ 918	100		50	100	50 100 100 100 100 100 100	100 100 100 100 100 100 100 100 100 100	1	100 100 100 100 100 100 100 100 100 100
BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION System / Data access for others Hardware Purchases Disaster Recovery Project Asset Systems Rationalisation Compliance Reporting Customer Information Systems Reliability Program IT&T Systems Maintenance & Support Workforce Management Interfaces to Interim Market GIS Replacement POLE STRENGTHENING REINFORCEMENT Pole Replacement FAULT RECORDING UPGRADE STAGE 2 RELIABILITY DRIVEN - SECONDARY-FAULT RECO BRING CAP BNK ALARNIS TO SOCC FROM 43 S/S Transmission CrossArms Replacement	Perth/Mandurah Rail Project Tran Works WAGERUP SUB NEW FEEDER CIRCUIT BODDINGTON GOLD MINE EXPANSION WESTRALLA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION Establish access to network data by retailers, generators & stakeholders Various minor hardware purchases Implementation of IT disaster recovery plan Enhancement of current asset management systems (various) Establish/modify systems to support new compliance reporting processes Establish/modify systems to support new compliance reporting processes Establish a Networks Customer Information System System enhancements for reliability data recording, analysis & reporting IT&T Systems Maintenance & Support (ongoing) Establish IT interfaces with IMO to provide operational data as required Replacement of current geographic information system Yearly Pole Reinforement Program Yearly Pole Reinforement Program Yearly Pole Replacement Program Yearly Pole Replacement Togatilate failure investigations New and replacement fault recorders in various substations To annunciate cap bank failures at control centre Yearly Crossarms replacement	\$ 197 \$ 6,150 \$ 290 \$ 76,645 \$ 9,567 \$ 145 \$ 100 \$ 2,145 \$ 213 \$ 777 \$ 420 \$ 216 \$ 177 \$ 366 \$ 177 \$ 377 \$ 420 \$ 178 \$ 179 \$ 216 \$ 377 \$ 383 \$ 377 \$ 383 \$ 377 \$ 420 \$ 377 \$ 420 \$ 377 \$ 420 \$ 377 \$ 420 \$ 5 216 \$ 5 220	Customer Driven - Generation Customer Driven - Bulk Loads TOTAL Customer Driven IT (inc Market Reform) IT		197 6.150 2990 11.832 8.343 1454 100 2.145 \$ 97,492 \$ 40 \$ 80 \$ 87 \$ 200 \$ 15,500 \$ 1,500 \$ 1,500 \$ 5,850 \$ 5,850 \$ 51 \$ 63 \$ 690 \$ 211 \$ -5 \$ 151 \$ 5550	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,343 0 0 0 0 0 12,171 0 0 0 0 \$ 36,821 \$ \$ 46 \$ 23 \$ \$ 60 \$ 336 \$ - \$ 302 \$ 148 \$ 5,550 \$ 24 \$ \$ \$ \$ 4,766 \$ \$ 8 \$ 913 \$ \$ - \$ 8 \$ 913 \$ \$ - \$ 8 913 \$ - \$ 8 913 \$ - \$ 8 913 \$ - \$ 8 913 \$ - \$ 8 913 \$ 914 \$ 915 \$ 915 \$ 915 \$ 916 \$ 917 \$ 917 \$ 918	100		50	100 100 100	50 100 100 100 100 100 100 100	100 100 100 100 100 100 100 100 100 100	1	100 100 100 100 100 100 100 100 100 100
BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION System / Data access for others Hardware Purchases Disaster Recovery Project Asset Systems Rationalisation Compliance Reporting Customer Information Systems Reliability Program IT&T Systems Maintenance & Support Workforce Management Interfaces to Interim Market GIS Replacement POLE STRENGTHENING REINFORCEMENT Pole Replacement FAULT RECORDING UPGRADE STAGE 2 RELIABILITY DRIVEN - SECONDARY-FAULT RECO BRING CAP BNK ALARMS TO SOCC FROM 43 S/S Transmission CrossArms Replacement AIRCOND & TEMP MONITORING IN TRANS SUBS.	PertiMandurah Rail Project Tran Works WAGERUP SUB NEW FEEDER CIRCUIT BODDINGTON GOLD MINE EXPANSION WESTRALLA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION Establish access to network data by retailers, generators & stakeholders Various minor hardware purchases Implementation of IT disaster recovery plan Enhancement of current asset management systems (various) Establish/modify systems to support new compliance reporting processes Establish a Networks Customer Information System System enhancements for reliability data recording, analysis & reporting IT&T Systems Maintenance & Support (ongoing) Establish IT interfaces with IMO to provide operational data as required Replacement of current geographic information system Yearly Pole Reinforement Program Yearly Pole Reinforement Program Install fault recording equipment to facilitate failure investigations New and replacement fault recorders in various substations To annunciate cap bank failures at control centre Yearly Crossams replacement program Temperature control initiatives for intregrity of protection systems	\$ 197 \$ 6,150 \$ 290 \$ 76,645 \$ 9,567 \$ 145 \$ 100 \$ 2,145 \$ 100 \$ 2,145 \$ 177 \$ 3 420 \$ 218 \$ 177 \$ 3 420 \$ 3 166 \$ 3 174 \$ 5 382 \$ 166 \$ 1,500 \$ 3,354 \$ 220 \$ 2,397 \$ 211 \$ 259 \$ 220 \$ 1,958 \$ 1,958 \$ 1,958 \$ 1,958 \$ 1,958	Customer Driven - Generation Customer Driven - Bulk Loads TOTAL Customer Driven IT (inc Market Reform) IT	\$ 1,110 \$ 2,579	197 6.150 2990 11.832 8.343 1454 1000 2.145 \$ 97,492 \$ 40 \$ 87 \$ 200 \$ 887 \$ 200 \$ 2,653 \$ 5,850 \$ 1,500 \$ 2,653 \$ 633 \$ 5,850 \$ 1,500 \$ 1,1800	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,343 0 0 0 0 0 12,171 0 0 0 0 0 \$ 36,821 \$ 46 \$ 23 \$ 60 \$ 36 \$ 36 \$ 36 \$ 224 \$ 550 \$ 224 \$ 5 550 \$ 224 \$ 5 550 \$ 1,860 \$ 913 \$ 5 - \$ 843 \$ 913 \$ 5 - \$ 803 \$ 5 - \$ 803 \$ 5 - \$ 803 \$ 5 - \$ 803 \$ 5 - \$ 803 \$ 5 - \$ 803 \$ 5 - \$ 803 \$ 7 - \$ 803 \$ 7 - \$ 803 \$ 7 - \$ 803 \$ 7 - \$ 803 \$ 7 - \$ 803 \$ 7 - \$ 803 \$ 7 - \$ 803 \$ 7 - \$ 803 \$ 7 - \$ 803 \$ 7 - \$ 803 \$ 7 - \$ 803 \$ 7 - \$ 803 \$ 7 - \$ 803 \$ 7 - \$ 999	100		50	100 100 100	50 100 100 100 100 100 100 100	100 100 100 100 100 100 100 100 100 100	1	100 100 100 100 100 100 100 100 100 100
BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION System / Data access for others Hardware Purchases Disaster Recovery Project Asset Systems Rationalisation Compliance Reporting Customer Information Systems Reliability Program ITAT Systems Maintenance & Support Workforce Management Interfaces to Interim Market GIS Replacement POLE STRENGTHENING REINFORCEMENT Pole Replacement FAULT RECORDING UPGRADE STAGE 2 RELIABILITY DRIVEN - SECONDARY-FAULT RECO BRING CAP BNK ALARMS TO SOCC FROM 43 S/S Transmission CrossArms Replacement ARCOND & TEMP MONITORING IN TRANS SUBS. TRANSMISSION SUBSTATION SAFETY UPGRADES SUBSTATION FENCING & SECURITY UPGRADES TRANS, STEP & TOUCH POTENTIAL MITIGATAT	PertiMandurah Rail Project Tran Works WAGERUP SUB NEW FEEDER CIRCUIT BODDINGTON GOLD MINE EXPANSION WESTRALLA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION Establish access to network data by retailers, generators & stakeholders Various minor hardware purchases Implementation of IT disaster recovery plan Enhancement of current asset management systems (various) Establish/modify systems to support new compliance reporting processes Establish a Networks Customer Information System System enhancements for reliability data recording, analysis & reporting IT&T Systems Maintenance & Support (ongoing) Establish Tinterfaces with IMO to provide operational data as required Replacement of current geographic information system Yearly Pole Reinforement Program Yearly Pole Reinforement Program Install fault recording equipment to facilitate failure investigations New and replacement fault recorders in various substations To annunciate cap bank failures at control centre Yearly Crossarms replacement program Temperature control initiatives for intregrity of protection systems Safety improvements in substations (various) Substation fencing & security upgrades Touch Potential Mitigation in steel/concrete poles	\$ 197 \$ 6,150 \$ 290 \$ 76,645 \$ 9,567 \$ 145 \$ 100 \$ 2,145 \$ 100 \$ 2,145 \$ 100 \$ 2,145 \$ 213 \$ 77 \$ 420 \$ 218 \$ 174 \$ 332 \$ 616 \$ 1,510 \$ 3,354 \$ 1,500 \$ 2,397 \$ 211 \$ 220 \$ 2,397 \$ 211 \$ 220 \$ 2,397 \$ 211 \$ 220 \$ 259 \$ 269 \$ 269 \$ 2748 \$ 600 \$ 1,437	Customer Driven - Generation Customer Driven - Bulk Loads TOTAL Customer Driven IT (inc Market Reform) TOTAL IT (inc Market Reform) TOTAL IT (inc Market Reform) Reliability Driven	\$ 1,110 \$ 2,579	197 6.150 290 11.832 8.343 1454 100 2.145 \$ 97,492 \$ 17 \$ 27 \$ 40 \$ 80 \$ 267 \$ 480 \$ 1,500 \$ 2,653 \$ 5,850 \$ 1,500 \$ 211 \$ 15 \$ 151 \$ 151 \$ 158 \$ 158 \$ 1,800 \$ 750 \$ 1,800	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,343 0 0 0 0 0 12,171 0 0 0 0 \$ 36,821 \$ 46 \$ 23 \$ 60 \$ 36,821 \$ 45 \$ 24 \$ 5-2 \$ 3,378 \$ 4,766 \$ 913 \$ 5-1 \$ 1,880 \$ 1,880	100		50	100 100 100 100 100	50 100 100 100 100 100 100 100	100 100 100 100 100 100 100 100 100 100	1	100 100 100 100 100 100 100 100 100 100
BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON DR RST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION System / Data access for others Hardware Purchases Disaster Recovery Project Asset Systems Rationalisation Compliance Reporting Customer Information Systems Reliability Program IT&T Systems Maintenance & Support Workforce Management Interfaces to Interim Market GIS Replacement FAULT RECORDING UPGRADE STAGE 2 RELIABILITY DRIVEN - SECONDARY-FAULT RECO BRING CAP BIKK ALARMS TO SOCC FROM 43 S/S Transmission CrossArms Replacement AIRCOND & TEMP MONITORING IN TRANS SUBS. TRANSMISSION SUBSTATION SAFETY UPGRADES SUBSTATION FENCING & SECURITY UPGRADES TRANS. STEP & TOUCH POTENTIAL MITIGATATT	PertiMandurah Rail Project Tran Works WAGERUP SUB NEW FEEDER CIRCUIT BODDINGTON GOLD MINE EXPANSION WESTRALLA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION Establish access to network data by retailers, generators & stakeholders Various minor hardware purchases Implementation of IT disaster recovery plan Enhancement of current asset management systems (various) Establish/modify systems to support new compliance reporting processes Establish a Networks Customer Information System System enhancements for reliability data recording, analysis & reporting IT&T Systems Maintenance & Support (ongoing) Establish IT interfaces with IMO to provide operational data as required Replacement of current geographic information system Yearly Pole Replacement Program Yearly Pole Replacement Program Install fault recording equipment to facilitate failure investigations New and replacement fault recorders in various substations To annunciate cap bank failures at control centre Yearly Crossarms replacement program Temperature control initiatives for intregrity of protection systems Safety improvements in substations (various) Substation fencing & security upgrades Touch Potential Mitigation in steel/concrete poles Installation fo battery paralleling boards (safety)	\$ 197 \$ 6,150 \$ 290 \$ 76,645 \$ 9,567 \$ 145 \$ 100 \$ 2,145 \$ 213 \$ 77 \$ 420 \$ 216 \$ 37 \$ 174 \$ 382 \$ 315 \$ 100 \$ 216 \$ 317 \$ 32 \$ 32 \$ 33 \$ 342 \$ 343 \$	Customer Driven - Generation Customer Driven - Bulk Loads TOTAL Customer Driven IT (inc Market Reform) TOTAL IT (inc Market Reform) Reliability Driven	\$ 1,110 \$ 2,579	\$ 197 \$ 6.150 299 \$ 11.832 \$ 8.343 \$ 1445 \$ 100 2.1455 \$ 97,492 \$ 17 \$ 27 \$ 400 \$ 80 \$ 267 \$ 400 \$ 5,500 \$ 2,165 \$ 5,850 \$ 5,850 \$ 1,500 \$ 2,67 \$ 1,500 \$ 1,50	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,343 0 0 0 0 0 12,171 0 0 0 0 0 13,171 0 0 0 0 0 \$ 36,821 \$ 46 \$ 23 \$ 60 \$ 36 \$ - \$ 302 \$ 148 \$ 550 \$ 224 \$ 4,766 \$ 913 \$ - \$ 1,800 \$ 999 \$ - \$ 5	100		50	100 100 100 100	100 100 100 100 100 100 100 100 100 100	100 100 100 100 100 100 100 100 100 100	1	100 100 100 100 100 100 100 100 100 100
BODDINGTON GOLD MINE EXPANSION WESTRALIA AIRPORTS SUPPLY - STAGE 2 MASON AD RAST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION System / Data access for others Hardware Purchases Disaster Recovery Project Asset Systems Rationalisation Compliance Reporting Customer Information Systems Reliability Program ITAT Systems Maintenance & Support Workforce Management Interfaces to Interim Market GIS Replacement POLE STRENGTHENING REINFORCEMENT Pole Replacement FAULT RECORDING UPGRADE STAGE 2 RELIABILITY DRIVEN - SECONDARY-FAULT RECO BRING CAP BNK ALARMS TO SOCC FROM 43 S/S Transmission CrossArms Replacement AIRCOND & TEMP MONITORING IN TRANS SUBS. TRANSMISSION SUBSTATION SAFETY UPGRADES SUBSTATION FENCING & SECURITY UPGRADES TRANS, STEP & TOUCH POTENTIAL MITIGATAT	PertiMandurah Rail Project Tran Works WAGERUP SUB NEW FEEDER CIRCUIT BODDINGTON GOLD MINE EXPANSION WESTRALLA AIRPORTS SUPPLY - STAGE 2 MASON RD RRST CONVERSION NORTHAM 66/22KV ZS - UPRATE 22KV FDR CCT HENDERSON ZONE SS - SITE ACQUISITION Establish access to network data by retailers, generators & stakeholders Various minor hardware purchases Implementation of IT disaster recovery plan Enhancement of current asset management systems (various) Establish/modify systems to support new compliance reporting processes Establish a Networks Customer Information System System enhancements for reliability data recording, analysis & reporting IT&T Systems Maintenance & Support (ongoing) Establish IT interfaces with IMO to provide operational data as required Replacement of current geographic information system Yearly Pole Reinforement Program Yearly Pole Replacement Program Install fault recording equipment to facilitate failure investigations New and replacement fault recorders in various substations To annunciate cap bank failures at control centre Yearly Crossarms replacement program Temperature control initiatives for intregrity of protection systems Safety improvements in substations (various) Substation fencing & security upgrades Touch Potential Mitigation in steel/concrete poles Installation of battery paralleling boards (safety) Structural reinforcement of road crossing poles Upgrading of transmission line river crossings	\$ 197 \$ 6,150 \$ 290 \$ 76,645 \$ 9,567 \$ 1445 \$ 100 \$ 2,145 \$ 213 \$ 77 \$ 420 \$ 2145 \$ 177 \$ 340 \$ 174 \$ 332 \$ 616 \$ 1,510 \$ 3,354 \$ 220 \$ 2,397 \$ 211 \$ 220 \$ 2,397 \$ 259 \$ 259 \$ 259 \$ 1,958 \$ 1,958 \$ 1,958 \$ 1,958 \$ 269 \$ 2748 \$ 360 \$ 1,748	Customer Driven - Generation Customer Driven - Bulk Loads TOTAL Customer Driven IT (inc Market Reform) IT (inc Market Refor	\$ 1,110 \$ 2,579	197 6.150 290 11.832 8.343 1454 100 2.145 \$ 97,492 \$ 17 \$ 27 \$ 40 \$ 80 \$ 267 \$ 480 \$ 1,500 \$ 2,653 \$ 5,850 \$ 1,500 \$ 211 \$ 15 \$ 151 \$ 151 \$ 158 \$ 158 \$ 1,800 \$ 750 \$ 1,800	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,343 0 0 0 0 0 12,171 0 0 0 0 0 \$ 36,821 \$ 46 \$ 23 \$ 60 \$ 36 \$ 36 \$ 36 \$ 224 \$ 5 - \$ 33,378 \$ 4,766 \$ 913 \$ - \$ 8 84 \$ 913 \$ - \$ 8 84 \$ 913 \$ - \$ 8 89	100 100		50	100 100 100 100 100	50 100 100 100 100 100 100 100	100 100 100 100 100 100 100 100 100 100	1	100 100 100 100 100 100 100 100 100 100

SAFETY ENV & STAT -PRIMARY-NER + BUN	Transformer neutral earthing resistors and bunding (safety) \$	3,268	Safety, Enviornmental & Statutory TOTAL Safety, Enviornmental & Statutory \$ 1,490 \$ 5,074	\$ 933 \$ 5,400			100						100
CCADA & COMMC CNIM POLITE DACKUD	Danida Barlus Carres Brutes for Carres Misseyers Bus	40				0,100						400	400
SCADA & COMMS SNM ROUTE BACKUP COMMS BEARER NETWORK: REMOVE CONGESTION		16 20	SCADA & Communications SCADA & Communications	\$ 16 \$ 20	\$ -							100	100 100
	Purchase Communications Test Euipment (3 Years) \$ Replacement of Analog Teleprotection Eqpmnt on Digital Comms Bearers \$	75 26	SCADA & Communications SCADA & Communications	\$ 25 \$ 26								100	100
SCADA & COMMS TNMS BUS ROUTE BACKUP TESTING OF DNP3 IMPLEMENT. OF ENMAC/XA21	Provide Backup Comms Routes for Comms Network Monitoring System \$ Test DNP3 SCADA Protocol Functionality on SCADA Master Station \$	31 48		\$ 31 \$ 48		•						100	100
RTU PLC LOGIC-LINK SCADA ASSET REPLACEMENT M3	Implement IEC Programmable Logic Control in Remote Terminal Units \$ SCADA Westronic M3 Remote Terminal Units Asset Replacement \$	53 216	SCADA & Communications SCADA & Communications	\$ 53 \$ 72								100 100	100 100
COMMS: XA21 RTU DIGITAL DATA INTERFACE REPLACE OF BEARER ST-JAKT, R41-MUC	Transmission SCADA Master Install Digital RTU Comms Interface \$	75 127	SCADA & Communications	\$ 75	\$ -	\$ -						100	100
SCADA & COMMS SITE SECURITY SYST UPGRADE	Replace Comms Bearer SouthernTerminal-Jandakot & R41-Muchea S/S \$ Communications Site Security System Upgrade \$	84	SCADA & Communications SCADA & Communications	\$ 75 \$ 84	\$ -							100	100
HO-EP SDH REL AND CAP ENHANCEMENT PFN NETWORK MONITORING	Head Office to EPCC SDH Comms Backbone Rel/Capacity Enhancement \$ NBU Perth Fibre Network Condition Monitoring \$	90 132	SCADA & Communications SCADA & Communications	\$ 90 \$ 95	\$ 37	\$ - \$ -						100 100	100 100
SCADA & COMMS-TPS REPLACEMENT GE TONE 40 EQUEST SERVER UPGRADES	Communications - GE TONE 40 Teleprotection Eqpmnt Replacement \$ Network Monitoring System Equest Server Upgrade \$	100 100	SCADA & Communications SCADA & Communications	\$ 100 \$ 100	\$ -							100	100
WT- NT SDH CONNECTION NEW TECHNOLOGY TESTING & REVIEW	Western Term to Northern Term SDH Comms Backbone Connection \$ New SCADA & Comms Technology Testing and Review \$	100 100	SCADA & Communications SCADA & Communications	\$ 100 \$ 100								100 100	100
REPLACE TPS EQUIPMENT FUTURE YEARS COMMS NETWORK MONITOR SYSTEM PURCHASE	Asset Replacement Teleprotecton Signalling Equipment Five Year Plan \$ Purchase Communications Network Monitoring System \$	300 112	SCADA & Communications SCADA & Communications	\$ 100 \$ 112	\$ 100							100 100	100
WNO – MUL OPTICAL FIBRE BEARER ALBANY BEARER ENHANCEMENT	Install Wanneroo - Mullaloo Optical Fibre Communications Bearer \$ Communications Bearer Enhancement to Albany \$	394 471	SCADA & Communications	\$ 394 \$ 471	\$ -	\$ -						100	100
SUBSTATION AUTOMATION DEVELOPMENT (SEAL)	Install Substation Equipment High Speed Data Access Link \$	534	SCADA & Communications	\$ 472	\$ 62	\$ -						100	100
	Kemerton to Muja SDH Comms Bearer Upgrade \$ Asset Replacement of Metro Substation SCADA Comms Radio Eqpmnt \$	486 220	SCADA & Communications SCADA & Communications	\$ 486 \$ -	\$ 110	\$ 110						100 100	100 100
KALGOORLIE BEARER ENHANCEMENT DC POWER SUPPLY REPLACEMENT	Communications Bearer Enhancement to Kalgoorlie \$ Communications Site DC Power Supply Replacement \$	434 480	SCADA & Communications SCADA & Communications	\$ - \$ -	\$ 197 \$ 240							100 100	100
DPNGP - ANALOGUE RADIO REPLACEMENT GRANGER RTU DECOMMISSIONING	Dampier to Perth NGP - Analogue Microwave Radio Replacement \$ Communications Granger Remote Terminal Unit Decommissioning \$	1,815 76	SCADA & Communications SCADA & Communications	\$ - \$ -	\$ 605 \$ -							100 100	100 100
GLT-PFN: SOUTH LOOP CONNECTION REPLACE ANALOGUE PLC EQUIP. MER-YIL-WKT	Guildford Terminal to Perth Fibre Network Southern Loop Connection \$ Replace Power Line Carrier Comms Eqpt Merredin - Kalgoorlie \$	631 700		\$ - \$ -	\$ - \$ -	\$ 631 \$ 700						100	100
The second secon		.00	TOTAL SCADA & Communications \$ 2,000 \$ 3,383	\$ 3,145	\$ 1,500							. 50	
Refurbishment of East Perth Control Centre	Refurbishment of EPCC \$ Office & Denot enhancements (various) \$	750 1.190	Support	\$ 500 \$ 530							100		100
Office & Depot Standalone accommodation	Establish new accommodation for Networks business \$	3,370	Support Support	\$ 1,020	\$ 1,020	\$ 1,330					100		100
Tools & equipment Capital Works Management	Fools & equipment for construction, commissioning & maintenance functions \$ Labour costs for management of capital works processes & program \$	3,570 3,940	Support Support	\$ 1,150 \$ 1,340	\$ 1,150 \$ 1,300	\$ 1,300					100 100		100 100
			TOTAL Support \$ 4,920 \$ 4,228	\$ 4,540	\$ 4,140	\$ 4,140							
Generation Tariff Meters (Reform Transfer Budget)	llation of revenue class metering at generation plants to enable market oper \$	9,300.00	Generation Meters	,,,,,,	7 0,000		New to Budget				100		
Wholesale Market Reform	rmation systems to meet full wholesale market requirements (balancing eng \$	5,700.00	Wholesale Market \$ - \$ 7,000				New to Budget				100		
Wholesale Walker Reform	interest systems to meet tall wholesale manter requirements (balancing eng	3,700.00	TOTAL Wholesale Market \$ - \$ 7,000				New to Budget				100		
MYAREE AREA S/S : LAND PURCHASE	MYAREE AREA SUBSTATION : LAND PURCHASE \$	666 1 390	System Capacity	\$ 666		\$ -							100 100
CANNING VALE/WILLETON : PURCHASE LAND FOR THORNLIE AREA : LAND PURCHASE FOR S/S	CANNING VALE/WILLETON :PURCHASE LAND FOR SUBSTATION \$ THORNLIE AREA : LAND PURCHASE FOR SUBSTATION \$	1,390 2,610	System Capacity System Capacity	\$ 1,390 \$ 2,610		7							100 100 100 100
MRT-MER 82 : LINE ROUTE SELECTION & APP. BAYSWATER - ACQUISITION OF SS SITE	RREDIN TERMINAL-MERREDIN 82 : LINE ROUTE SELECTION & APPRO \$ BAYSWATER - ACQUISITION OF SUBSTATION SITE \$	9 1,380	System Capacity System Capacity	\$ 9 \$ 1,380	\$ -	\$ - \$ -							100 100 100 100
WATTLEUP AREA: LAND PURCHASE FOR S/S BENTLEY: SITE ACQUISITION	WATTLEUP AREA: LAND PURCHASE FOR SUBSTATION \$ BENTLEY: SITE ACQUISITION \$	1,059 1,380	System Capacity System Capacity	\$ 1,059 \$ 1,380									100 100 100 100
WGH - KOORDA LINE : CORRIDOR SELECTION WANGARA S/S : LAND AQUISITION	WONGAN HILL - KOORDA LINE : CORRIDOR SELECTION \$ WANGARA SUBSTATION : LAND AQUISITION \$	150 2,500	System Capacity System Capacity	\$ 75 \$ 1,500	\$ 75								100 100 100 100
WARWICK S/S: LAND INVESTIGATE & ACQUIRE PJR- CTB- GTN 330 kV : LINE ROUTE ACQUIS	WARWICK SUBSTATION: LAND INVESTIGATE & ACQUIRE \$ PINJAR- CATABY- GERALTON 330 kV : LINE ROUTE ACQUISITION \$	2,000 4,750	System Capacity System Capacity System Capacity	\$ 1,000 \$ 500	\$ 1,000	\$ -							100 100 100 100
CPN - NHN : CORRIDOR FOR NEW 132kV LINE	RALIAN PAPER MILLSAN - NORTH HAMPTON : CORRIDOR FOR NEW 1 \$	125	System Capacity	\$ 50	\$ 50	\$ 25							100 100
WKT - BKF : CORRIDOR FOR 2ND 132kV LINE ST- GLT 91- LINE RTE ENVIRONMENT APPROV	KALGOORLIE TERMINAL - BLACK FLAG : CORRIDOR FOR 2ND 132kV \$ N TERMINAL- GUILFORD TERMINAL 91- LINE ROUTE ENVIRONMENT \$	193 836	Cyclom Cupacity	\$ 23 \$ 203	\$ 206	\$ 427							100 100 100 100
ACQUIRE WLO 330KV LINE EASEMENT NT- EP 91: 330KV LINE ROUTE APPROVAL	ACQUIRE WATERLOO 330KV LINE EASEMENT \$ NORTHERN TERMINAL- EAST PERTH 91: 330KV LINE ROUTE APPROV \$	3,788 608	System Capacity System Capacity	\$ 927 \$ 98									100 100 100 100
OSBORNE PARK S/S : LAND PURCHASE FLYNN DRIVE S/S: FUTURE LAND PURCHASE	OSBORNE PARK SUBSTATION : LAND PURCHASE \$ FLYNN DRIVE SUBSTATION: FUTURE LAND PURCHASE \$	3,000 2,000	System Capacity System Capacity	\$ 2,000 \$ 2,000		\$ - \$ -							100 100 100 100 100 100 100 100 100 100
APM S/S (FUTURE) : LAND PURCHASE BURNS : LAND ACQUISITION FOR NEW SUBSTAT	AUSTRALIAN PAPER MILLS SUBSTATION (FUTURE): LAND PURCHA \$ BURNS: LAND ACQUISITION FOR NEW SUBSTAT	2,526 3,000	System Capacity System Capacity	\$ 630 \$ -	\$ 1,896 \$ 3,000								100 100 100 100
	NAVAL BASE TERMINAL: SITE ACQUISITION \$ STIRLING SUBSTATION: FUTURE LAND PURCHASE \$	7,000 1,953	System Capacity System Capacity System Capacity	\$ -	\$ 7,000 \$ 1,172	\$ -							100 100 100 100
	BUSSELTON-MARGARET RIVER 81 - ENVIRONMENTAL APPROVAL SIDIANELLA SUBSTATION : FUTURE LAND PURCHASE \$	3,000 6,341	System Capacity	\$ -	\$ 1,000	\$ 2,000	D.C. C. L.						100 100
HOCKING S/S: FUTURE LAND PURCHASE	HOCKING SUBSTATION: FUTURE LAND PURCHASE \$	2,500	System Capacity System Capacity	\$ 941 \$ -	\$ 600	\$ 1,900	Refer to covering letter						100 100 100 100
TWO ROCKS : SITE AQUISITION VIC PARK-SITE ACQUISITION - 121 BANKS ST	TWO ROCKS : SITE AQUISITION \$ VICTORIA PARK-SITE ACQUISITION - 121 BANKS ST \$	1,003 450	System Capacity System Capacity	\$ - \$ -	\$ 501 \$ 450	\$ -							100 100 100 100
HADFIELDS S/S EXTENSION : LAND PURCHASE VIC PARK - SITE ACQUISITION -123 BANK ST	HADFIELDS SUBSTATION EXTENSION: LAND PURCHASE VICTORIA PARK - SITE ACQUISITION -123 BANK ST \$	419 630	System Capacity System Capacity	\$ - \$ -	\$ 419 \$ 315								100 100 100 100
ST - SUCCESS - SOUTH. RIVER LINE ROUTE RAN-RUD-MYT: CORRIDOR FOR 132KV LINE	SOUTHERN TERMINAL - SUCCESS - SOUTHERN RIVER LINE ROUTE \$ RANGEWAY-RUDDS GULLY-MOONYOONOOKA TERMINAL: CORRIDO \$	175 150	System Capacity System Capacity	\$ - \$ -	\$ 175 \$ 89	\$ -							100 100 100 100
ALB - KOJ LINE ROUTE APPROVAL RIVERVALE S/S : 132KV CONVERSION	ALBANY - KOJONUP LINE ROUTE APPROVAL \$ RIVERVALE SUBSTATION : 132KV CONVERSION \$	169 740	System Capacity System Capacity System Capacity	\$ 169 \$ 740	\$ -	\$ -	25	2	32	40		1	100 100 100
HENLEY BROOK - ESTABLISH NEW S/S RANGEWAY: ESTABLISH NEW SUBSTATION	HENLEY BROOK - ESTABLISH NEW SUBSTATION \$ RANGEWAY: ESTABLISH NEW SUBSTATION \$	7,579 230	System Capacity	\$ 7,281 \$ 230	\$ 298	\$ -	25 25 25	2	32	40		1	100
WAIKIKI: ESTABLISH ZONE SUBSTATION	WAIKIKI : ESTABLISH ZONE SUBSTATION \$	5,119	System Capacity	\$ 5,051	\$ 68	\$ -	25	2	32	40		1	100
MURDOCH: ESTABLISH NEW SUBSTATION SOUTHERN RIVER - ESTABLISH NEW SUBST.	MURDOCH: ESTABLISH NEW SUBSTATION \$ SOUTHERN RIVER - ESTABLISH NEW SUBSTATION \$	445 721	System Capacity	\$ 445 \$ 721	\$ -	\$ -	25 25		32 32	40 40		1	100
CLARKSON - ESTABLISH NEW SUBSTATION PADBURY ; ESTABLISH NEW SUBSTATION	CLARKSON - ESTABLISH NEW SUBSTATION \$ PADBURY ; ESTABLISH NEW SUBSTATION \$	1,498 555	System Capacity System Capacity	\$ 1,498 \$ 555	\$ -	\$ -	25 25	2 2	32 32	40 40		1	100 100
COTTESLOE S/S: ESTABLISH NEW SUBSTATION BIBRA LAKE SUBSTATION ESTABLISHMENT	COTTESLOE SUBSTATION : ESTABLISH NEW SUBSTATION \$ BIBRA LAKE SUBSTATION ESTABLISHMENT \$	8,495 5,410		\$ 4,465 \$ 4,711			25 25	2 2	32 32	40 40		1	100 100
BENTLEY: ESTABLISH NEW SUBSTATION JOONDALUP: ESTABLISH NEW SUBSTATION	BENTLEY: ESTABLISH NEW SUBSTATION \$ JOONDALUP: ESTABLISH NEW SUBSTATION \$	14,679 3,772	System Capacity System Capacity	\$ 9,249 \$ 124	\$ 5,430	\$ -	25 25	2	32 32	40 40		1	100
WEMBLEY DOWNS : ESTABLISH NEW SUBSTATION ESTABLISH KEWDALE SUBSTATION	WEMBLEY DOWNS : ESTABLISH NEW SUBSTATION \$ ESTABLISH KEWDALE SUBSTATION \$	15,956 8,802	System Capacity	\$ 3,156 \$ 495	\$ 6,232	\$ 6,569	25	2 2	32 32	40		1	100
JOEL TERRACE - 132KV CONVERSION STAGE 1	JOEL TERRACE - 132KV CONVERSION STAGE 3 \$	6,946	System Capacity	\$ 495 \$ 314	\$ 2,375	\$ 4,257	25	2	32	40		1	100
WILLETON: ESTABLISH NEW SUBSTATION THORNLIE: ESTABLISH NEW SUBSTATION	WILLETON: ESTABLISH NEW SUBSTATION \$ THORNLIE: ESTABLISH NEW SUBSTATION \$	8,176 4,349	System Capacity System Capacity	\$ -	\$ 2,621 \$ 1,347	\$ 3,002	25 25	2	32 32	40 40		1	100
SHENTON PARK: ESTABLISH NEW SUBSTATION WANGARA - ESTABLISH NEW SUBSTATION	SHENTON PARK: ESTABLISH NEW SUBSTATION \$ WANGARA - ESTABLISH NEW SUBSTATION \$	2,610 254	System Capacity	\$ - \$ -	\$ 38	\$ 216	25 25		32 32	40 40		1	100
APM: INSTALL ADDIT 5MVAr CAPACITOR BANK WUNDOWIE OR SV INSTALL 2 MVAr CAP BANKS	AUSTRALIAN PAPER MILLS: INSTALL ADDITIONAL 5MVAr CAPACITOR \$ VUNDOWIE OR SAWYERS VALLEY INSTALL 2 MVAr CAPACITOR BANK \$	136 454	System Capacity System Capacity	\$ 136 \$ 88				47 47	50 50		2 2	1	100 100
ALBANY S/S: 22KV CAP BANK NARROGIN S/S : INSTALL 22kV CAP BANK	ALBANY SUBSTATION: 22KV CAPACITOR BANK \$ NARROGIN SUBSTATION: INSTALL 22kV CAPACITOR BANK \$	257 222	System Capacity System Capacity	\$ 14 \$ -		\$ -		47 47	50 50		2	1	100
KATANNING S/S : INSTALL 22KV CAF BANK KATANNING S/S : CAPACITOR BANK BUSSELTON S/S: INSTALL 5 MVAr CAP BANK	KATANNING SUBSTATION: INSTALL 22RV CAPACITOR BANK \$ KATANNING SUBSTATION: CAPACITOR BANK \$ JSUBSTATIONELTON SUBSTATION: INSTALL 5 MVAr CAPACITOR BANK \$	246	System Capacity	\$ -	\$ 152	\$ 94		47	50		2	1	100
WUNDOWIE S/S: INSTALL CAPACITOR BANK	WUNDOWIE SUBSTATION : INSTALL CAPACITOR BANK \$	264 47	System Capacity	\$ -	\$ 52 \$ 16	\$ 32		47 47	50 50		2 2	1	100
M'RIVER S/S: INST4MVARS OF REACTIVE SUPP ECR & EGF AREAS : INSTALL UVLS SCHEME	AGARET RIVER SUBSTATION: INSTALL 4MVARS OF REACTIVE SUPPO \$ IN & EASTERN GOLDFIELDS AREAS: INSTALL UNDER-VOLTAGE LOAL \$	250 663	System Capacity	\$ - \$ 64		\$ -		47	50 100		2	1	100 100
YP517- PROTECTION SETTINGS MODIFICATION HADFIELDS: NEW FEEDER PROTECTION SETTING	YANCHEP YP517- PROTECTION SETTINGS MODIFICATION \$ HADFIELDS: NEW FEEDER PROTECTION SETTING \$	6 5	System Capacity	\$ 6 \$ 5	\$ -	\$ -			100 100				100 100
UPRATE OC MYR71, MYR-APM71 &SF-APM71	E71, MYAREE-AUSTRALIAN PAPER MILLS71 &SOUTH FREEMANTLE-A \$	305	System Capacity	\$ -	\$ 63	\$ 242			100				100

The state of the		C. C. DEDI ACE CURRENT TRANSFORMER & MODIEV PROTECTION C	6 70	Contain Consolt :			25 6 20		100					100
Company of the Comp	INOK I II FKE, 5/5 : AUTO CHANGE-UVEK SCHEME		\$ 73			\$ - 5	35 \$ 38		100					
Column	COCKBURN CEMENT S/S: NEW FEED CIR CC516	COCKBURN CEMENT SUBSTATION: NEW FEEDER CIRCUIT CC518	\$ 168			\$ 74 5	94 \$ -		100					100
Column				System Capacity			90 \$ -							
Column C							- \$ -							
Company Comp					+		- 5 -		 				+ +	
Second the control of the control							5 - \$ -							
Second Continue Co	KW-ST 92: NEW CCTS AT ST & KW & ENERGISE	IERN TERMINAL 92: NEW CIRCUITS AT SOUTHERN TERMINAL & KWIN	\$ 4,884			\$ 444 5	5 2,827 \$ 1,614		100					100
The content of the														
March Control Contro			\$ 162				98 \$ -							
Column C			\$ 500			\$ 5 5	200 \$ 300						+ +	
Margin M						\$ - 5								
Company Comp	FORREST AVE: ADD 11KV FEEDER CCT 2008-09	FORREST AVE: ADDITIONAL 11KV FEEDER CIRCUIT 2008-11	\$ 250			\$ - 5								
Add to the property of the pro						\$ - 5								
Second column						\$ - 5								
A Company Co						\$ - 3						1	+ +	
Column C						\$ - 5			 					
Section Property						\$ - 5								
The property of the control of the c						\$ - 5								
White Application Company Co						\$ - 3	45 \$ 2,390						1	
A							3 - \$ -				30			
Company Comp							5 - \$ -			-			+ +	
Section of the product of the prod							5 - \$ -							
A Company Co	OC - MYR 71 LINE : UPRATE TO 100 DEGREE	O'CONNOR - MYAREE 71 LINE : UPRATE TO 100 DEGREE	\$ 900	System Capacity		\$ - 5								100
## Company of the Com														
Company Comp						\$ 21 5								
Control Cont						\$ - 8			10				1	
March Control Contro						\$ - 5			10					
Mate						\$ - 5			· · · · · · · · · · · · · · · · · · ·	-				
The Part Section Control Con				System Capacity		\$ - 9			50	50				
The control of the						\$ - 5								
## Active Foreigness						\$ - 5								
## Company of the Com						\$ - 5) 120 ¢ 1,000						1	
Control Cont	MRT-MER CONSTRUCT NEW 132KV LINE	MERREDIN TERMINAL-MERREDIN CONSTRUCT NEW 132KV LINE	\$ 1,650			\$ - 5	100 \$ 1,550		50	50				100
Application Continue Contin						\$ - 5								
Set Applies Control (1987) Control (19						\$ - 5								
WASHINGTON PARTY PROPERTY CONTINUENCE						\$ - 3							1	
## ADMINISTRATION OF TRANSPORT PROBLEMS OF T	MLA - MO 81 LINE UPRATE					\$ - 5								
We - Description Processed Plance Description Desc						\$ - 5			 					
April Control Secure Control		KEN HILL KWINANA/BRITISH PETRLEUM 71: LINE UPRATE (KWINANA-	\$ 2			\$ - 5	2 \$ -		50					100
Part						\$ 419 \$	5 - \$ -							
Activity of part 1						\$ - 5				59	2		1 1	
Procedure of the Part of the											2		1	
Procedury as the fair troublement of the control			\$ 911			\$ 911 5		57			2		1	
Company Comp							S - \$ -		10 00				1	
### STORY SET POLYMONE 1							880 \$ -		10 30		2		1	
AMERICA SERVICE LIGHT CONTROLL THE TRANSFORMER STATE AND TRANSFORM					+		- \$ -		10 30		2		1 1	
Proposity Revisit Interpretation Proposition Pro							912 \$ -		10 34		2		1	
Property St. Prop	BYFORD S/S: INSTALL 3rd TRANSFORMER	BYFORD SUBSTATION: INSTALL 3rd TRANSFORMER				\$ 1,405 \$		57	10 30		2		1	100
PARTICINATION PARTICINATIO	NORTHAM S/S: INSTALL 2ND TRANSFORMER						1 509 \$ 1 220	57	10 30		0			
Instruction Characteristics Continue C											_			
MIT PANERS AS INSTITUTE DISNAFFORMER MIT PANERS CARREST AND PANERS AS IN THE PANERS AS		YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER	\$ 3,292	System Capacity		\$ 1,515	3 1,777 \$ -		10 34		_			
PRODUCTIVE STATE AND TRANSFORMER PRODUCTIVE STA	PADBURY S/S: INSTALL 2ND TRANSFORMER	YOKINE SUBSTATION : INSTALL 3RD TRANSFORMER PADBURY SUBSTATION : INSTALL 2ND TRANSFORMER	\$ 3,292 \$ 2,697	System Capacity System Capacity		\$ 1,515 S \$ 93 S	1,777 \$ 1,437 \$ 1,167	53	10 34 10 34		2 2		1 1	100
PANGENY SEA DISCRIPTOR PANGENY SEASON PRODUCT PANGENY SEASON PROD	PADBURY S/S : INSTALL 2ND TRANSFORMER UNIVERSITY S/S: INSTALL 3RD TRANSFORMER	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 3RD TRANSFORMER	\$ 3,292 \$ 2,697 \$ 1,997	System Capacity System Capacity System Capacity		\$ 1,515 S \$ 93 S \$ 876 S	5 1,777 \$ - 5 1,437 \$ 1,167 6 1,121 \$ -	53 53	10 34 10 34 10 34		2 2		1 1 1	100 100
CLARROY OS INSTALL TO TRANSPORMER CLARROY OS INSTA	PADBURY S/S : INSTALL 2ND TRANSFORMER UNIVERSITY S/S: INSTALL 3RD TRANSFORMER MT BARKER S/S : INSTALL 2ND TRANSFORMER MORLEY S/S : INSTALL 3RD TRANFORMER	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 3RD TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANSFORMER	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007	System Capacity System Capacity System Capacity System Capacity System Capacity System Capacity		\$ 1,515 S \$ 93 S \$ 876 S	5 1,777 \$ - 6 1,437 \$ 1,167 6 1,121 \$ - 6 1,939 \$ 1,165 6 3,335 \$ 1,672	53 53 57 57	10 34 10 34 10 34 10 34 10 30 10 34		2 2 2 2 2 2		1 1 1 1 1	100 100 100 100
BLACK FLAG SUBSTATION INSTALL	PADBURY S/S: INSTALL 2ND TRANSFORMER UNIVERSITY S/S: INSTALL 3RD TRANSFORMER MT BARKER S/S: INSTALL 2ND TRANSFORMER MORLEY S/S: INSTALL 3RD TRANFORMER PADBURY S/S: INSTALL 3RD TRANFORMER	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 3RD TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352	System Capacity		\$ 1,515 S \$ 93 S \$ 876 S	5 1,777 \$ - 6 1,437 \$ 1,167 6 1,121 \$ - 6 1,939 \$ 1,165 6 3,335 \$ 1,672 6 1,843 \$ 1,509	53 53 57 57 53 53	10 34 10 34 10 34 10 34 10 30 10 34 10 34		2 2 2 2 2 2		1 1 1 1 1	100 100 100 100 100
SUMPLY SENSITIAL SOCIAL PRINCIPATION INSTALL SOCIAL PRINCIPATION STATISTIC ASSOCIAL PRINCIPATION STATISTIC ASSOCIAL PRINCIPATION STATISTIC ASSOCIAL PRINCIPATION ASSOCIATED AS	PADBURY S/S: INSTALL 2ND TRANSFORMER UNIVERSITY S/S: INSTALL 3RD TRANSFORMER MT BARKER S/S: INSTALL 2ND TRANSFORMER MORLEY S/S: INSTALL 3RD TRANSFORMER PADBURY S/S: INSTALL 3RD TRANSFORMER RANGEWAY S/S: 2ND 132/11KV TRANSFORMER	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2RD TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 3RD TRANSFORMER MT BARKER SUBSTATION: INSTALL 3RD TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: 2ND 132/11KV TRANSFORMER	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,421	System Capacity		\$ 1,515 S \$ 93 S \$ 876 S	6 1,777 \$ - 6 1,437 \$ 1,167 6 1,121 \$ - 6 1,939 \$ 1,165 6 3,335 \$ 1,672 6 1,843 \$ 1,509 6 1,600 \$ 1,821	53 53 57 53 53 53 53	10 34 10 34 10 34 10 30 10 30 10 34 10 34 10 34		2 2 2 2 2 2 2 2		1 1 1 1 1	100 100 100 100 100 100
BUSSELTON SSC INSTALL TUZQUAY TEAMS OF TRANSFORMER DARRINGTON SST TRAIL TUZQUAY TEAMS OF TR	PADBURY S/S : INSTALL 2ND TRANSFORMER UNIVERSITY S/S: INSTALL 3RD TRANSFORMER MT BARKER S/S : INSTALL 2ND TRANSFORMER MORLEY S/S : INSTALL 3RD TRANSFORMER PADBURY S/S : INSTALL 3RD TRANSFORMER RANGEWAY S/S : ZND 132/11/W TRANSFORMER CLARKSON S/S : INSTALL 2ND TRANSFORMER	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 3RD TRANSFORMER MT BARKER SUBSTATION: INSTALL 3RD TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,421 \$ 2,827	System Capacity		\$ 1,515 S \$ 93 S \$ 876 S	\$ 1,777 \$ - \$ 1,437 \$ 1,167 \$ 1,121 \$ - \$ 1,939 \$ 1,165 \$ 3,335 \$ 1,672 \$ 1,843 \$ 1,509 \$ 1,600 \$ 1,821 \$ 1,155 \$ 1,672	53 53 57 57 53 53 53 53 53	10 34 10 34 10 34 10 30 10 30 10 30 10 34 10 34 10 34		2 2 2 2 2 2 2 2		1 1 1 1 1	100 100 100 100 100 100 100
MURCHA SER INSTALL AND TRANSFORMER S 2.35 Symen Capacity MUCHA SURFACE MUCHA SU	PADBURY SIS: INSTALL 2ND TRANSFORMER UNIVERSITY SIS: INSTALL 2ND TRANSFORMER MT BARKER SIS: INSTALL 2ND TRANSFORMER MORLEY SIS: INSTALL 3RD TRANSFORMER PADBURY SIS: INSTALL 3RD TRANSFORMER RANGEWAY SIS: 2ND 132/11kV TRANSFORMER CLARKSON SIS: INSTALL 2ND TRANSFORMER BLACK FLAG SIS: INSTALL 2ND TRANSFORMER KOJONUP SIS: INSTALL 3rd TRANSFORMER KOJONUP SIS: INSTALL 3rd TRANSFORMER	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2RD TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2RD TRANSFORMER MT BARKER SUBSTATION: INSTALL 2RD TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 2RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,607 \$ 2,128	System Capacity		\$ 1,515 S \$ 93 S \$ 876 S	\$ 1,777 \$ - \$ 1,437 \$ 1,167 \$ 1,121 \$ - \$ 1,939 \$ 1,165 \$ 3,335 \$ 1,672 \$ 1,843 \$ 1,509 \$ 1,600 \$ 1,821 \$ 1,155 \$ 1,672 \$ 1,154 \$ 1,453 \$ 4,43 \$ 1,684	53 53 57 57 53 53 53 53 53	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 34 10 34 10 34 10 30		2 2 2 2 2 2 2 2		1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
MUCHEA SUBSTAILTHE SRO TRANSFORMER MUCHEA SUBSTATION INSTALL THE SRO TRANSFORMER \$ 2.305 System Capacity \$ \$. \$ \$. \$. \$. \$. \$. \$. \$. \$	PADBURY S/S: INSTALL 2ND TRANSFORMER UNIVERSITY S/S: INSTALL 3RD TRANSFORMER MT BARKER S/S: INSTALL 3RD TRANSFORMER MORLEY S/S: INSTALL 3RD TRANSFORMER PADBURY S/S: INSTALL 3RD TRANSFORMER RANGEWAY S/S: 2ND 132/11KV TRANSFORMER CLARKSON S/S: INSTALL 2ND TRANSFORMER BLACK FLAG S/S: INSTALL 3rd TRANSFORMER KOJONUP S/S: INSTALL 3rd TRANSFORMER BUSSELTON S/S: INSTALL 3/2/22KV TRANSFORMER	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANFORMER PADBURY SUBSTATION: INSTALL 3RD TRANFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,827 \$ 2,128 \$ 1,810	System Capacity		\$ 1,515 S \$ 93 S \$ 876 S	\$ 1,777 \$ - 1,437 \$ 1,167 5 1,121 \$ - 5 1,939 \$ 1,165 6 3,335 \$ 1,627 6 1,600 \$ 1,821 6 1,600 \$ 1,821 6 1,155 \$ 1,622 6 1,154 \$ 1,453 6 1,154 \$ 1,453 6 252 \$ 1,558	53 53 57 57 53 53 53 53 53 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 34 10 30 10 30 10 30 10 30 10 30 10 30		2 2 2 2 2 2 2 2		1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
NCR: CHAPMAN 201 12/11V/TX RTH COUNTRY REGION; CHAPMAN 201 12/11V/TX RTH COUNTRY REGION; CHAPMAN 201 12/11V/TX AMMUEL BS. REFLACE STAY CABLES AMAE ST REFLACE STAY CABLES AMAE STAY CABLES AMAE ST REFLACE STAY CABLES AMAE ST	PADBURY S/S: INSTALL 2ND TRANSFORMER UNIVERSITY S/S: INSTALL 3RD TRANSFORMER MT BARKER S/S: INSTALL 3RD TRANSFORMER MORLEY S/S: INSTALL 3RD TRANSFORMER PADBURY S/S: INSTALL 3RD TRANSFORMER RANGEWAY S/S: 2ND 132/11KV TRANSFORMER CLARKSON S/S: INSTALL 2ND TRANSFORMER BLACK FLAG S/S: INSTALL 3RD TRANSFORMER KOJONUP S/S: INSTALL 3RD TRANSFORMER BUSSELTON S/S: INSTALL 3RD TRANSFORMER BUSSELTON S/S: INSTALL 3RD TRANSFORMER BUSSELTON S/S: INSTALL 3RD TRANSFORMER	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 2ND TRANSFORMER KOJONUP SUBSTATION: INSTALL 2ND TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER DARLINGTON: 3RD TRANSFORMER DARLINGTON: 3RD TRANSFORMER	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,607 \$ 2,128 \$ 1,810 \$ 1,169	System Capacity		\$ 1,515 S \$ 93 S \$ 876 S	\$ 1,777 \$ -1,477 \$ 1,167 \$ 1,437 \$ 1,167 \$ 1,437 \$ 1,165 \$ 1,939 \$ 1,165 \$ 1,843 \$ 1,509 \$ 1,165 \$ 1,1	53 53 57 57 53 53 53 53 53 57 57 57	10 34 10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30 10 30 10 30 10 30 10 30 10 30 10 30 10 30 10 30 10 30		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
AMAML 81 & 82 : REPLACE 133W CABLE S 2.77 System Capacity S 5. S S S S S S S S S	PADBURY S/S: INSTALL 2ND TRANSFORMER UNIVERSITY S/S: INSTALL 3RD TRANSFORMER MT BARKER S/S: INSTALL 2ND TRANSFORMER MORLEY S/S: INSTALL 3RD TRANSFORMER PADBURY S/S: INSTALL 3RD TRANSFORMER RANGEWAY S/S: 2ND 132/11kV TRANSFORMER CLARKSON S/S: INSTALL 2ND TRANSFORMER BLACK FLAG S/S: INSTALL 2ND TRANSFORMER KOJONUP S/S: INSTALL 3rd TRANSFORMER BUSSELTON S/S: INSTALL 3rd TRANSFORMER BUSSELTON S/S: INSTALL 132/22kV TX/S DARLINGTON: 3RD TRANSFORMER MURDOCH S/S: INSTALL 5D TRANSFORMER	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 3RD TRANSFORMER MT BARKER SUBSTATION: INSTALL 3RD TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANFORMER PADBURY SUBSTATION: INSTALL 3RD TRANFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 6BC2RV TRANSFORMER BUSSELTON SUBSTATION: INSTALL 132/22RV TRANSFORMER DARLINGTON: STALL 5RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 2ND TRANSFORMER	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,607 \$ 2,128 \$ 1,810 \$ 1,169	System Capacity		\$ 1,515 S \$ 93 S \$ 876 S	\$ 1,777 \$ - 6 1,777 \$ - 6 1,777 \$ - 7 1,167 \$ 1,167 \$ - 7 1,000 \$ 1,182 \$ - 7 1,000 \$ 1,821 \$ - 7 1,000 \$ 1,821 \$ - 7 1,155 \$ 1,672 \$ - 7 1,155 \$ 1,672 \$ - 7 1,155 \$ 1,672 \$ - 7 1,155 \$ 1,672 \$ - 7 1,155 \$ 1,672 \$ - 7 1,155 \$ 1,672 \$ - 7 1,155 \$ 1,672 \$ - 7 1,155 \$ 1,672 \$ - 7 1,155 \$ 1,672 \$ - 7 1,155 \$ 1,672 \$ - 7 1,155 \$ 1,672 \$ - 7 1,155 \$ 1,15	53 53 57 57 53 53 53 53 57 57 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 30 10 34		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
VELISHIPODL SIST NEW CABILE ADM NOR VELISHIPODL SIST NEW CABLE ADM NOR S. 28 S	PADBURY S/S : INSTALL 2ND TRANSFORMER UNIVERSITY S/S: INSTALL 2ND TRANSFORMER MT BARKER S/S : INSTALL 2ND TRANSFORMER MORLEY S/S : INSTALL 3RD TRANSFORMER PADBURY S/S : INSTALL 3RD TRANSFORMER RANGEWAY S/S : 2ND 132/11KV TRANSFORMER CLARKSON S/S : INSTALL 3RD TRANSFORMER BLACK FLAG S/S : INSTALL 3rd TRANSFORMER KOJONUP S/S : INSTALL 3rd TRANSFORMER KOJONUP S/S : INSTALL 3rd TRANSFORMER BUSSELTON S/S : INSTALL 3rd ZAZZZZY TX'S DARLINGTON: 3RD TRANSFORMER MURDOCH S/S : INSTALL 2ND TRANSFORMER MURDOCH S/S : INSTALL 2ND TRANSFORMER	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 2ND TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER DARLINGTON: 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 132/22KV TRANSFORMER MURDOCH SUBSTATION: INSTALL 132/22KV TRANSFORMER	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,607 \$ 1,169 \$ 1,169 \$ 1,169 \$ 2,385	System Capacity		\$ 1,515 S \$ 93 S \$ 876 S	\$ 1,777 \$ -1,477 \$ 1,167 \$ 1,167 \$ 1,165 \$ 1,121 \$ -1,165 \$ 1,165 \$ 1,672 \$ 1,672 \$ 1,672 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,1634 \$	53 53 57 53 53 53 53 53 57 57 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
COTTES LOS SUBSTATION TRANSFORME LOAD BALANING S 60 System Capacity S 50	PADBURY S/S : INSTALL 2ND TRANSFORMER UNIVERSITY S/S: INSTALL 2ND TRANSFORMER MT BARKER S/S : INSTALL 2ND TRANSFORMER MORLEY S/S : INSTALL 3RD TRANSFORMER PADBURY S/S : INSTALL 3RD TRANSFORMER RANGEWAY S/S : 2ND 132/11KV TRANSFORMER CLARKSON S/S : INSTALL 3RD TRANSFORMER BLACK FLAG S/S : INSTALL 3RD TRANSFORMER KOJONUP S/S : INSTALL 3RD TRANSFORMER BUSSELTON S/S : INSTALL 132/22KV TX/S DARLINGTON: 3RD TRANSFORMER MURDOCH S/S : INSTALL 132/22KV TX/S MURDOCH S/S : INSTALL 132/27KV TX/S MURDOCH S/S : INSTALL 3RD TRANSFORMER MURDOCH S/S : INSTALL 1THE 3RD TRANSFORMER MURDOCH S/S : INSTALL 1THE 3RD TRANSFORMER MURDOCH S/S : INSTALL 1THE 3RD TRANSFORMER NGR : CHAPMAN 2ND 132/11KV TX/ JAM-MIL 81 & 82 : REPLACE 122KV CABLES	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANFORMER PADBURY SUBSTATION: INSTALL 3RD TRANFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER DARLINGTON: 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 32/22EV TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL THE 3RD TRANSFORMER RTH COUNTRY REGION: CHAPMAN 2ND 132/11KV TRANSFORMER JAMES ST-MILLIGAN 81 & 82 : REPLACE 132KV CABLES	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,827 \$ 1,810 \$ 1,169 \$ 1,169 \$ 2,385 \$ 2,663 \$ 2,385 \$ 2,663 \$ 2,737	System Capacity		\$ 1,515 \$ 93 \$ 876 \$ 26 \$. \$. \$. \$. \$. \$. \$. \$. \$. \$.	\$ 1,777 \$ - 1,437 \$ 1,167 \$ 1,165 \$ 1,121 \$ - 1,437 \$ 1,165 \$ 1,121 \$ - 1,437 \$ 1,165 \$ 1,620 \$ 1,843 \$ 1,627 \$ 1,600 \$ 1,821 \$ 1,509 \$ 1,821 \$ 1,509 \$ 1,821 \$ 1,509 \$ 1,821 \$ 1,558 \$ 1,622 \$ 1,154 \$ 1,453 \$ 1,584 \$ 1,584 \$ 1,584 \$ 1,684 \$ 1,27 \$ 1,588 \$	53 53 57 53 53 53 53 53 57 57 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
NRS STRANSFORMER LOAD BALANCING 20078 ARKANLE POR COLUMEN REGION SUBSTATION. TRANSFORMER LOAD BALANCING \$ 4,000 System Capacity FORM - PRATE TRANSFORMER LOAD BALANCING S	PADBURY SIS: INSTALL 2ND TRANSFORMER UNIVERSITY SIS: INSTALL 3RD TRANSFORMER MT BARKER SIS: INSTALL 3RD TRANSFORMER MORLEY SIS: INSTALL 3RD TRANSFORMER PADBURY SIS: INSTALL 3RD TRANSFORMER RANGEWAY SIS: 2ND 132/11KV TRANSFORMER CLARKSON SIS: INSTALL 3RD TRANSFORMER BLACK FLAG SIS: INSTALL 3RD TRANSFORMER KOJONUP SIS: INSTALL 3RD TRANSFORMER BUSSELTON SIS: INSTALL 3RD TRANSFORMER MURDOCH SIS: INSTALL 3RD TRANSFORMER MURDOCH SIS: INSTALL 3RD TRANSFORMER MUCHEA SIS: INSTALL 12 ND TRANSFORMER MUCHEA SIS: INSTALL THE 3RD TRANSFORMER NCR: CHAPMAN 2ND 132/11KV TX JAM-MIL 81 & 82: REPLACE 132KV CABLES NCR SS:TRANSFORMER LOAD BALANCING 2006/7	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 2ND TRANSFORMER KOJONUP SUBSTATION: INSTALL 2ND TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER DARLINGTON: JOSTALL 13/21/22KV TRANSFORMER MURDOCH SUBSTATION: INSTALL 13/21/2KV TRANSFORMER MURDOCH SUBSTATION: INSTALL 13/21/2KV TRANSFORMER MURDOCH SUBSTATION: INSTALL 13/21/2KV TRANSFORMER MUCHAG SUBSTATION: INSTALL 1141/2/2KV TRANSFORMER MUCHAG SUBSTATION: INSTALL THE 3RD TRANSFORMER RTH COUNTRY REGION: CHAPMAN 2ND 13/11KV TRANSFORMER JAMES ST-MILLIGAN 81 & 82 : REPLACE 13/2KV CABLES I COUNTRY REGION SUBSTATION: TRANSFORMER LOAD BALANCING	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,607 \$ 1,810 \$ 1,169 \$ 1,509 \$ 2,288 \$ 2,603 \$ 3,950	System Capacity		\$ 1,515 \$ 93 \$ 876 \$ 876 \$ 26 \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ - \$	\$ 1,777 \$ -1,477 \$ 1,167 \$ 1,167 \$ 1,165 \$ 1,121 \$ -1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,167 \$ 1,165 \$ 1,167 \$ 1,165 \$ 1,167 \$ 1,165 \$ 1,167 \$ 1,165 \$ 1,167 \$ 1,165 \$ 1,167 \$ 1,165 \$ 1,167 \$ 1,165 \$ 1,167 \$ 1,165 \$ 1,	53 53 57 53 53 53 53 53 57 57 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
ARKANA: FER CCT UPGRADE & BOLCARLE TERMIN TO VOKINE- UPRATE TRANSFORMER LOW VOLTAGE CABLES \$ 21 System Capacity \$ 6,180 \$ 81,181 \$ 8,999 \$ 103,364 \$ 110,471 \$ 1 \$ 1 \$ 1 \$ 1 \$ 1 \$ 1 \$ 1 \$ 1 \$ 1 \$	PADBURY SIS: INSTALL 2ND TRANSFORMER UNIVERSITY SIS: INSTALL 3RD TRANSFORMER MT BARKER SIS: INSTALL 3RD TRANSFORMER MORLEY SIS: INSTALL 3RD TRANSFORMER PADBURY SIS: INSTALL 3RD TRANSFORMER RANGEWAY SIS: 2ND 132/11kV TRANSFORMER CLARKSON SIS: INSTALL 3RD TRANSFORMER CLARKSON SIS: INSTALL 2ND TRANSFORMER KOJONUP SIS: INSTALL 2ND TRANSFORMER KOJONUP SIS: INSTALL 3RD TRANSFORMER MUSSELTON SIS: INSTALL 13/2/2kV TX'S DARLINGTON: 3RD TRANSFORMER MUCHEA SIS: INSTALL 12ND TRANSFORMER MUCHEA SIS: INSTALL 12ND TRANSFORMER MUCHEA SIS: INSTALL 12ND TRANSFORMER NCR: CHAPMAN 2ND 132/11kV TIX JAM-MIL 81 & 82: REPLACE 132kV CABLES NCR SISTRANSFORMER LOAD BALANCING 2006/7 WELSHPOOL SS - NEW CABLE BOX	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 3RD TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANFORMER PADBURY SUBSTATION: INSTALL 3RD TRANFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3ND TRANSFORMER KOJONUP SUBSTATION: INSTALL 3ND TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3ND TRANSFORMER BUSSELTON SUBSTATION: INSTALL 6BC2RV TRANSFORMER MURDOCH SUBSTATION: INSTALL 6BC2RV TRANSFORMER MURDOCH SUBSTATION: INSTALL 3ND TRANSFORMER MURDOCH SUBSTATION: INSTALL 2ND TRANSFORMER MURDOCH SUBSTATION: INSTALL 2ND TRANSFORMER MURDOCH SUBSTATION: INSTALL THE 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL THE 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL THE 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL THE 3RD TRANSFORMER JAMES ST-MILLIGAN 81 & 82 : REPLACE 132kV CABLES I COUNTRY REGION SUBSTATION: TRANSFORMER LOAD BALANCING WELSHPOOL SUBSTATION: NEW CABLE BOX	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,827 \$ 1,810 \$ 1,169 \$ 1,509 \$ 2,385 \$ 2,385 \$ 2,603 \$ 2,603 \$ 2,737 \$ 3,950 \$ 2,8	System Capacity		\$ 1,515 \$ 93 \$ 876 \$ 26 \$ - \$ \$ - \$	\$ 1,777 \$ - 6 \$ 1,437 \$ 1,167 \$ 1,121 \$ - 7 \$ 1,121 \$ - 7 \$ 1,121 \$ - 7 \$ 1,185 \$ 1,939 \$ 1,165 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,154 \$ 1,453 \$ 443 \$ 1,684 \$ 1,252 \$ 1,558 \$ 443 \$ 1,684 \$ 1,252 \$ 1,558 \$ 27 \$ 1,482 \$ 252 \$ 1,558 \$ 27 \$ 2,358 \$ 27 \$ 2,358 \$ 10 \$ 2,283 \$ - 8 \$ - \$ - \$ - \$	53 53 57 53 53 53 53 53 57 57 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
YOKINE - UPRATE TRANSFORMER LOW VOLTAGE CABLES S 21 System Capacity 66,190 81,181 \$2,900 \$1,0471 \$10,471	PADBURY S/S : INSTALL 2ND TRANSFORMER UNIVERSITY S/S: INSTALL 2ND TRANSFORMER MT BARKER S/S : INSTALL 2ND TRANSFORMER MORLEY S/S : INSTALL 3RD TRANSFORMER PADBURY S/S : INSTALL 3RD TRANSFORMER RANGEWAY S/S : 2ND 132/11kV TRANSFORMER CLARKSON S/S : INSTALL 3RD TRANSFORMER BLACK FLAG S/S : INSTALL 3rd TRANSFORMER KOJONUP S/S : INSTALL 3rd TRANSFORMER KOJONUP S/S : INSTALL 3rd TRANSFORMER KOJONUP S/S : INSTALL 3rd TRANSFORMER MURDOCH S/S : INSTALL 3rd ZRANSFORMER MURDOCH S/S : INSTALL 3RD ZRANSFORMER MURDOCH S/S : INSTALL 1RD TRANSFORMER NCR : CHAPMAN 2ND 132/11kV T/X JAM-MIL 31 & 32 : REPLACE 132kV CABLES NCR S:TRANSFORMER LOAD BALANCING 2006/7 WELSHPOOL SS - NEW CABLE BOX COTTESLOE S/S TX LOAD BALANCING	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER DARLINGTON: 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER RTH COUNTRY REGION: CHAPMAN 2ND 132/11KV TRANSFORMER JAMES ST-MILLIGAN 81 & 82: REPLACE 132KV CABLES JCOUNTRY REGION SUBSTATION: TRANSFORMER LOAD BALANCING WELSHPOOL SUBSTATION - NEW CABLE BOX COTTESLOE SUBSTATION TRANSFORMER LOAD BALANCING	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,827 \$ 1,810 \$ 1,169 \$ 1,169 \$ 2,385 \$ 2,385 \$ 2,603 \$ 2,385 \$ 2,603 \$ 2,385 \$ 2,603 \$ 2,385 \$ 3,950 \$ 3,950	System Capacity		\$ 1,515 \$ 93 \$ 876 \$ 26 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 1,777 \$ -1,477 \$ 1,167 \$ 1,167 \$ 1,165 \$ 1,121 \$ -1,165 \$ 1,165 \$ 1,672 \$ 1,672 \$ 1,672 \$ 1,672 \$ 1,672 \$ 1,672 \$ 1,672 \$ 1,672 \$ 1,672 \$ 1,672 \$ 1,154 \$ 1,154 \$ 1,154 \$ 1,154 \$ 1,154 \$ 1,154 \$ 1,154 \$ 1,154 \$ 1,154 \$ 1,154 \$ 1,154 \$ 1,154 \$ 1,154 \$ 1,154 \$ 1,154 \$ 1,154 \$ 1,154 \$ 1,154 \$ 1,155 \$ 1,	53 53 57 53 53 53 53 53 57 57 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
TOTAL Expenditure \$ 126,90 \$ 192,302 \$ 215,106 \$ 240,301 \$ 189,399	PADBURY \$(5): INSTALL 2ND TRANSFORMER UNIVERSITY \$(5): INSTALL 3RD TRANSFORMER MT BARKER \$(5): INSTALL 3RD TRANSFORMER MORLEY \$(5): INSTALL 3RD TRANSFORMER PADBURY \$(5): INSTALL 3RD TRANSFORMER RANGEWAY \$(5): 2ND 132/11KV TRANSFORMER CLARKSON \$(5): SINSTALL 3RD TRANSFORMER BLACK FLAG \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER BUSSELTON \$(5): INSTALL 132/22KV TX'S DARLINGTON: 3RD TRANSFORMER MURDOCH \$(5): INSTALL 132/22KV TX'S MURDOCH \$(5): INSTALL 132/22KV TX'S STANSFORMER INSTALL 3RD TRANSFORMER MURDOCH \$(5): INSTALL 17 TRANSFORMER NOR: CHAPMAN 2ND 132/11KV TX/ JAM-MIL 81 & 82: REPLACE 122KV CABLES NCR \$(5): TRANSFORMER LOAD BALANCING 2006/7 WELSHPOOL \$(5): NEW CABLE BOX COTTESLOE \$(5): TX LOAD BALANCING NCR \$(5): TRANSFORMER LOAD BALANCING 2007/8 ARKANA: FDR CCT UPGRADE & DBL CABLE TERM	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANFORMER PADBURY SUBSTATION: INSTALL 3RD TRANFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3ND TRANSFORMER KOJONUP SUBSTATION: INSTALL 3ND TRANSFORMER BUSELTON SUBSTATION: INSTALL 3ND TRANSFORMER DARLINGTON: 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3ND TRANSFORMER MURDOCH SUBSTATION: INSTALL 3ND TRANSFORMER MURDOCH SUBSTATION: INSTALL 3ND TRANSFORMER MUCHEA SUBSTATION: INSTALL 13ND TRANSFORMER MUCHEA SUBSTATION: INSTALL 12ND TRANSFORMER MUCHEA SUBSTATION: INSTALL THE 3RD TRANSFORMER JAMES ST-MILLIGAN 81 & 82 : REPLACE 132KV CABLES I COUNTRY REGION SUBSTATION: NEW CABLE BOX COTTESLOE SUBSTATION TRANSFORMER LOAD BALANCING WELSHPOOL SUBSTATION TRANSFORMER LOAD BALANCING COUNTRY REGION SUBSTATION: TRANSFORMER LOAD BALANCING COUNTRY REGION SUBSTATION: TRANSFORMER LOAD BALANCING	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,607 \$ 2,128 \$ 1,810 \$ 1,169 \$ 1,509 \$ 2,385 \$ 2,603 \$ 3,950 \$ 4,000	System Capacity		\$ 1,515 \$ 93 \$ 876 \$ 26 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 1,777 \$ -1,477 \$ 1,167 \$ 1,167 \$ 1,162 \$ 1,437 \$ 1,165 \$ 1,843 \$ 1,509 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,154 \$ 1,154 \$ 1,154 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,277 \$ 1,483 \$ 1,844 \$ 1,844 \$ 1,844 \$ 1,027 \$ 1,277 \$ 1,235 \$ 1,155 \$ 1,1	53 53 57 53 53 53 53 53 57 57 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
Capacitors S Capacitors S S S S S S S S S	PADBURY S/S : INSTALL 2ND TRANSFORMER UNIVERSITY S/S: INSTALL 2ND TRANSFORMER MT BARKER S/S : INSTALL 2ND TRANSFORMER MORLEY S/S : INSTALL 3RD TRANSFORMER PADBURY S/S : INSTALL 3RD TRANSFORMER RANGEWAY S/S : 2ND 132/11KV TRANSFORMER CLARKSON S/S : INSTALL 3RD TRANSFORMER BLACK FLAG S/S : INSTALL 3RD TRANSFORMER KOJONUP S/S : INSTALL 3RD TRANSFORMER KOJONUP S/S : INSTALL 3RD TRANSFORMER MURDOCH S/S : INSTALL 132/22KV TX/S DARLINGTON: 3RD TRANSFORMER MURDOCH S/S : INSTALL 132/22KV TX/S MURDOCH S/S : INSTALL 132/22KV TX/S NCR : CHAPMAN 2ND 132/11KV TX/S JAM-MIL 31 & 32 : REPLACE 12XV CABLES NCR SS:TRANSFORMER LOAD BALANCING 2006/7 WELSHPOOL S - NEW CABLE BOX COTTESLOE S/S TX LOAD BALANCING NCR SS:TRANSFORMER LOAD BALANCING 2007/8	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER DARLINGTON: 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL THE 3RD TRANSFORMER TH COUNTRY REGION: CHAPMAN 2ND 132/11kV TRANSFORMER JAMES ST-MILLIGAN 81 & 82 : REPLACE 132kV CABLES I COUNTRY REGION SUBSTATION: TRANSFORMER LOAD BALANCING WELSHPOOL SUBSTATION - NEW CABLE BOX COTTESLOE SUBSTATION SUBSTATION: TRANSFORMER LOAD BALANCING COUNTRY REGION SUBSTATION TRANSFORMER LOAD BALANCING	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,827 \$ 2,128 \$ 1,169 \$ 1,169 \$ 2,385 \$ 2,607 \$ 2,385 \$ 2,607 \$ 2,385 \$ 3,950 \$ 3,950 \$ 3,950 \$ 28 \$ 4,000 \$ 4,000	System Capacity		\$ 1,515 \$ 93 \$ 876 \$ 876 \$ 26 \$ \$. \$. \$ \$. \$. \$ \$.	\$ 1,777 \$ -1,477 \$ 1,167 \$ 1,167 \$ 1,165 \$ 1,121 \$ -1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,164 \$ 1,163 \$ 1,163 \$ 1,154 \$ 1,163	53 53 57 57 53 53 53 53 57 57 57 57 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
Capacitors S Capacitors S S S S S S S S S	PADBURY S/S : INSTALL 2ND TRANSFORMER UNIVERSITY S/S: INSTALL 2ND TRANSFORMER MT BARKER S/S : INSTALL 2ND TRANSFORMER MORLEY S/S : INSTALL 3RD TRANSFORMER PADBURY S/S : INSTALL 3RD TRANSFORMER RANGEWAY S/S : 2ND 132/11KV TRANSFORMER CLARKSON S/S : INSTALL 3RD TRANSFORMER BLACK FLAG S/S : INSTALL 3RD TRANSFORMER KOJONUP S/S : INSTALL 3RD TRANSFORMER KOJONUP S/S : INSTALL 3RD TRANSFORMER MURDOCH S/S : INSTALL 132/22KV TX/S DARLINGTON: 3RD TRANSFORMER MURDOCH S/S : INSTALL 132/22KV TX/S MURDOCH S/S : INSTALL 132/22KV TX/S NCR : CHAPMAN 2ND 132/11KV TX/S JAM-MIL 31 & 32 : REPLACE 12XV CABLES NCR SS:TRANSFORMER LOAD BALANCING 2006/7 WELSHPOOL S - NEW CABLE BOX COTTESLOE S/S TX LOAD BALANCING NCR SS:TRANSFORMER LOAD BALANCING 2007/8	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER DARLINGTON: 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL THE 3RD TRANSFORMER THE COUNTRY REGION : CHAPMAN 2ND 132/11kV TRANSFORMER JAMES ST-MILLIGAN 81 & 82 : REPLACE 132kV CABLES I COUNTRY REGION SUBSTATION: TRANSFORMER LOAD BALANCING WELSHPOOL SUBSTATION : NEW CABLE BOX COTTESLOE SUBSTATION SUBSTATION: TRANSFORMER LOAD BALANCING COUNTRY REGION SUBSTATION TRANSFORMER LOAD BALANCING	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,827 \$ 2,128 \$ 1,169 \$ 1,169 \$ 2,385 \$ 2,607 \$ 2,385 \$ 2,607 \$ 2,385 \$ 3,950 \$ 3,950 \$ 3,950 \$ 28 \$ 4,000 \$ 4,000	System Capacity	\$ 66,180 \$ 81,181	\$ 1,515 \$ 93 \$ 876 \$ 876 \$ 26 \$ \$. \$. \$ \$. \$. \$ \$.	\$ 1,777 \$ -1,477 \$ 1,167 \$ 1,167 \$ 1,165 \$ 1,121 \$ -1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,165 \$ 1,164 \$ 1,163 \$ 1,163 \$ 1,154 \$ 1,163	53 53 57 57 53 53 53 53 57 57 57 57 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
Reactors S 1,016 S 1,031 S 1,745	PADBURY \$(5): INSTALL 2ND TRANSFORMER UNIVERSITY \$(5): INSTALL 3RD TRANSFORMER MT BARKER \$(5): INSTALL 3RD TRANSFORMER MORLEY \$(5): INSTALL 3RD TRANSFORMER PADBURY \$(5): INSTALL 3RD TRANSFORMER RANGEWAY \$(5): 2ND 132/11KV TRANSFORMER CLARKSON \$(5): SINSTALL 3RD TRANSFORMER BLACK FLAG \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER BUSSELTON \$(5): INSTALL 132/22KV TX'S DARLINGTON: 3RD TRANSFORMER MURDOCH \$(5): INSTALL 132/22KV TX'S MURDOCH \$(5): INSTALL 132/22KV TX'S STANSFORMER INSTALL 3RD TRANSFORMER MURDOCH \$(5): INSTALL 17 TRANSFORMER NOR: CHAPMAN 2ND 132/11KV TX/ JAM-MIL 81 & 82: REPLACE 122KV CABLES NCR \$(5): TRANSFORMER LOAD BALANCING 2006/7 WELSHPOOL \$(5): NEW CABLE BOX COTTESLOE \$(5): TX LOAD BALANCING NCR \$(5): TRANSFORMER LOAD BALANCING 2007/8 ARKANA: FDR CCT UPGRADE & DBL CABLE TERM	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER DARLINGTON: 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL THE 3RD TRANSFORMER THE COUNTRY REGION : CHAPMAN 2ND 132/11kV TRANSFORMER JAMES ST-MILLIGAN 81 & 82 : REPLACE 132kV CABLES I COUNTRY REGION SUBSTATION: TRANSFORMER LOAD BALANCING WELSHPOOL SUBSTATION : NEW CABLE BOX COTTESLOE SUBSTATION SUBSTATION: TRANSFORMER LOAD BALANCING COUNTRY REGION SUBSTATION TRANSFORMER LOAD BALANCING	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,827 \$ 2,128 \$ 1,169 \$ 1,169 \$ 2,385 \$ 2,607 \$ 2,385 \$ 2,607 \$ 2,385 \$ 3,950 \$ 3,950 \$ 3,950 \$ 28 \$ 4,000 \$ 4,000	System Capacity		\$ 1,515 \$ 93 \$ 876 \$ 26 \$. \$. \$. \$. \$. \$. \$. \$. \$. \$.	\$ 1,777 \$ - 1,437 \$ 1,167 \$ 1,165 \$ 1,121 \$ - 2 5 1,184 \$ 1,627 \$ 1,620 \$ 1,843 \$ 1,627 \$ 1,600 \$ 1,821 \$ 1,600 \$ 1,821 \$ 1,509 \$ 1,600 \$ 1,821 \$ 1,509 \$ 1,600 \$ 1,821 \$ 1,509 \$ 1,600 \$ 1,821 \$ 1,509 \$ 1,600 \$ 1,821 \$ 1,509 \$ 1,600 \$ 1,821 \$ 1,509 \$ 1,154 \$ 1,453 \$ 1,684 \$ 1,684 \$ 1,684 \$ 1,684 \$ 1,684 \$ 1,684 \$ 1,687 \$ 1,027 \$ 1,27 \$ 1,482 \$ 1,027 \$ 1,27 \$	53 53 57 57 53 53 53 53 57 57 57 57 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
Reactors S 1,016 S 1,031 S 1,745	PADBURY S/S : INSTALL 2ND TRANSFORMER UNIVERSITY S/S: INSTALL 2ND TRANSFORMER MT BARKER S/S : INSTALL 2ND TRANSFORMER MORLEY S/S : INSTALL 3RD TRANSFORMER PADBURY S/S : INSTALL 3RD TRANSFORMER RANGEWAY S/S : 2ND 132/11KV TRANSFORMER CLARKSON S/S : INSTALL 3RD TRANSFORMER BLACK FLAG S/S : INSTALL 3RD TRANSFORMER KOJONUP S/S : INSTALL 3RD TRANSFORMER KOJONUP S/S : INSTALL 3RD TRANSFORMER MURDOCH S/S : INSTALL 132/22KV TX/S DARLINGTON: 3RD TRANSFORMER MURDOCH S/S : INSTALL 132/22KV TX/S MURDOCH S/S : INSTALL 132/22KV TX/S NCR : CHAPMAN 2ND 132/11KV TX/S JAM-MIL 31 & 32 : REPLACE 12XV CABLES NCR SS:TRANSFORMER LOAD BALANCING 2006/7 WELSHPOOL S - NEW CABLE BOX COTTESLOE S/S TX LOAD BALANCING NCR SS:TRANSFORMER LOAD BALANCING 2007/8	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER DARLINGTON: 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL THE 3RD TRANSFORMER THE COUNTRY REGION : CHAPMAN 2ND 132/11kV TRANSFORMER JAMES ST-MILLIGAN 81 & 82 : REPLACE 132kV CABLES I COUNTRY REGION SUBSTATION: TRANSFORMER LOAD BALANCING WELSHPOOL SUBSTATION : NEW CABLE BOX COTTESLOE SUBSTATION SUBSTATION: TRANSFORMER LOAD BALANCING COUNTRY REGION SUBSTATION TRANSFORMER LOAD BALANCING	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,827 \$ 2,128 \$ 1,169 \$ 1,169 \$ 2,385 \$ 2,607 \$ 2,385 \$ 2,607 \$ 2,385 \$ 3,950 \$ 3,950 \$ 3,950 \$ 28 \$ 4,000 \$ 4,000	System Capacity		\$ 1,515 \$ 93 \$ 876 \$ 26 \$. \$. \$. \$. \$. \$. \$. \$. \$. \$.	\$ 1,777 \$ - 1,437 \$ 1,167 \$ 1,165 \$ 1,121 \$ - 2 5 1,184 \$ 1,627 \$ 1,620 \$ 1,843 \$ 1,627 \$ 1,600 \$ 1,821 \$ 1,600 \$ 1,821 \$ 1,509 \$ 1,600 \$ 1,821 \$ 1,509 \$ 1,600 \$ 1,821 \$ 1,509 \$ 1,600 \$ 1,821 \$ 1,509 \$ 1,600 \$ 1,821 \$ 1,509 \$ 1,600 \$ 1,821 \$ 1,509 \$ 1,154 \$ 1,453 \$ 1,684 \$ 1,684 \$ 1,684 \$ 1,684 \$ 1,684 \$ 1,684 \$ 1,687 \$ 1,027 \$ 1,27 \$ 1,482 \$ 1,027 \$ 1,27 \$	53 53 57 57 53 53 53 53 57 57 57 57 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
Capacitors \$ 4,954 \$ 15,171 \$ 10,242	PADBURY \$(5): INSTALL 2ND TRANSFORMER UNIVERSITY \$(5): INSTALL 3RD TRANSFORMER MT BARKER \$(5): INSTALL 3RD TRANSFORMER MORLEY \$(5): INSTALL 3RD TRANSFORMER PADBURY \$(5): INSTALL 3RD TRANSFORMER RANGEWAY \$(5): 2ND 132/11KV TRANSFORMER CLARKSON \$(5): SINSTALL 3RD TRANSFORMER BLACK FLAG \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER BUSSELTON \$(5): INSTALL 132/22KV TX'S DARLINGTON: 3RD TRANSFORMER MURDOCH \$(5): INSTALL 132/22KV TX'S MURDOCH \$(5): INSTALL 132/22KV TX'S STANSFORMER INSTALL 3RD TRANSFORMER MURDOCH \$(5): INSTALL 17 TRANSFORMER NOR: CHAPMAN 2ND 132/11KV TX/ JAM-MIL 81 & 82: REPLACE 122KV CABLES NCR \$(5): TRANSFORMER LOAD BALANCING 2006/7 WELSHPOOL \$(5): NEW CABLE BOX COTTESLOE \$(5): TX LOAD BALANCING NCR \$(5): TRANSFORMER LOAD BALANCING 2007/8 ARKANA: FDR CCT UPGRADE & DBL CABLE TERM	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER DARLINGTON: 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL THE 3RD TRANSFORMER THE COUNTRY REGION : CHAPMAN 2ND 132/11kV TRANSFORMER JAMES ST-MILLIGAN 81 & 82 : REPLACE 132kV CABLES I COUNTRY REGION SUBSTATION: TRANSFORMER LOAD BALANCING WELSHPOOL SUBSTATION : NEW CABLE BOX COTTESLOE SUBSTATION SUBSTATION: TRANSFORMER LOAD BALANCING COUNTRY REGION SUBSTATION TRANSFORMER LOAD BALANCING	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,827 \$ 2,128 \$ 1,169 \$ 1,169 \$ 2,385 \$ 2,607 \$ 2,385 \$ 2,607 \$ 2,385 \$ 3,950 \$ 3,950 \$ 3,950 \$ 28 \$ 4,000 \$ 4,000	System Capacity	\$ 126,900 \$ 192,362	\$ 1,515 \$ 93 \$ 876 \$ 876 \$ 876 \$ 26 \$ \$ - \$ \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$	\$ 1,777 \$ - 1,437 \$ 1,167 \$ 1,165 \$ 1,437 \$ 1,165 \$ 1,620 \$ 1,839 \$ 1,165 \$ 1,843 \$ 1,672 \$ 1,600 \$ 1,821 \$ 1,600 \$ 1,821 \$ 1,509 \$ 1,600 \$ 1,821 \$ 1,509 \$ 1,600 \$ 1,821 \$ 1,509 \$ 1,600 \$ 1,821 \$ 1,558 \$ 1,600 \$ 1,821 \$ 1,558 \$ 1,588 \$ 1,588 \$ 1,589 \$ 1,	53 53 57 57 53 53 53 53 57 57 57 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
CBS \$ 39,922 \$ 41,655 \$ 45,918	PADBURY \$(5): INSTALL 2ND TRANSFORMER UNIVERSITY \$(5): INSTALL 3RD TRANSFORMER MT BARKER \$(5): INSTALL 3RD TRANSFORMER MORLEY \$(5): INSTALL 3RD TRANSFORMER PADBURY \$(5): INSTALL 3RD TRANSFORMER RANGEWAY \$(5): 2ND 132/11KV TRANSFORMER CLARKSON \$(5): SINSTALL 3RD TRANSFORMER BLACK FLAG \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER BUSSELTON \$(5): INSTALL 132/22KV TX'S DARLINGTON: 3RD TRANSFORMER MURDOCH \$(5): INSTALL 132/22KV TX'S MURDOCH \$(5): INSTALL 132/22KV TX'S STANSFORMER INSTALL 3RD TRANSFORMER MURDOCH \$(5): INSTALL 17 TRANSFORMER NOR: CHAPMAN 2ND 132/11KV TX/ JAM-MIL 81 & 82: REPLACE 122KV CABLES NCR \$(5): TRANSFORMER LOAD BALANCING 2006/7 WELSHPOOL \$(5): NEW CABLE BOX COTTESLOE \$(5): TX LOAD BALANCING NCR \$(5): TRANSFORMER LOAD BALANCING 2007/8 ARKANA: FDR CCT UPGRADE & DBL CABLE TERM	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER DARLINGTON: 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL THE 3RD TRANSFORMER THE COUNTRY REGION : CHAPMAN 2ND 132/11kV TRANSFORMER JAMES ST-MILLIGAN 81 & 82 : REPLACE 132kV CABLES I COUNTRY REGION SUBSTATION: TRANSFORMER LOAD BALANCING WELSHPOOL SUBSTATION : NEW CABLE BOX COTTESLOE SUBSTATION SUBSTATION: TRANSFORMER LOAD BALANCING COUNTRY REGION SUBSTATION TRANSFORMER LOAD BALANCING	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,827 \$ 2,128 \$ 1,169 \$ 1,169 \$ 2,385 \$ 2,607 \$ 2,385 \$ 2,607 \$ 2,385 \$ 3,950 \$ 3,950 \$ 3,950 \$ 28 \$ 4,000 \$ 4,000	System Capacity	\$ 126,900 \$ 192,362 Transformers	\$ 1,515 \$ 93 \$ 876 \$ 26 \$ - \$ \$ - \$	\$ 1,777 \$ - 6 \$ 1,437 \$ 1,167 \$ 1,121 \$ - 7 \$ 1,121 \$ - 7 \$ 1,122 \$ - 7 \$ 1,122 \$ - 7 \$ 1,123 \$ - 7 \$ 1,165 \$ 1,600 \$ 1,822 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,155 \$ 1,155 \$ 1,155 \$ 1,155 \$ 1,258 \$ 1,154 \$ 1,453 \$ 1,453 \$ 1,453 \$ 1,257 \$ 1,227 \$ 1,258 \$	53 53 57 57 53 53 53 53 57 57 57 57 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
Lines - steel S 82,366 S 82,704 S 51,013	PADBURY \$(5): INSTALL 2ND TRANSFORMER UNIVERSITY \$(5): INSTALL 3RD TRANSFORMER MT BARKER \$(5): INSTALL 3RD TRANSFORMER MORLEY \$(5): INSTALL 3RD TRANSFORMER PADBURY \$(5): INSTALL 3RD TRANSFORMER RANGEWAY \$(5): 2ND 132/11KV TRANSFORMER CLARKSON \$(5): SINSTALL 3RD TRANSFORMER BLACK FLAG \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER BUSSELTON \$(5): INSTALL 132/22KV TX'S DARLINGTON: 3RD TRANSFORMER MURDOCH \$(5): INSTALL 132/22KV TX'S MURDOCH \$(5): INSTALL 132/22KV TX'S STANSFORMER INSTALL 3RD TRANSFORMER MURDOCH \$(5): INSTALL 17 TRANSFORMER NOR: CHAPMAN 2ND 132/11KV TX/ JAM-MIL 81 & 82: REPLACE 122KV CABLES NCR \$(5): TRANSFORMER LOAD BALANCING 2006/7 WELSHPOOL \$(5): NEW CABLE BOX COTTESLOE \$(5): TX LOAD BALANCING NCR \$(5): TRANSFORMER LOAD BALANCING 2007/8 ARKANA: FDR CCT UPGRADE & DBL CABLE TERM	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER DARLINGTON: 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL THE 3RD TRANSFORMER THE COUNTRY REGION : CHAPMAN 2ND 132/11kV TRANSFORMER JAMES ST-MILLIGAN 81 & 82 : REPLACE 132kV CABLES I COUNTRY REGION SUBSTATION: TRANSFORMER LOAD BALANCING WELSHPOOL SUBSTATION : NEW CABLE BOX COTTESLOE SUBSTATION SUBSTATION: TRANSFORMER LOAD BALANCING COUNTRY REGION SUBSTATION TRANSFORMER LOAD BALANCING	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,827 \$ 2,128 \$ 1,169 \$ 1,169 \$ 2,385 \$ 2,607 \$ 2,385 \$ 2,607 \$ 2,385 \$ 3,950 \$ 3,950 \$ 3,950 \$ 28 \$ 4,000 \$ 4,000	System Capacity	\$ 126,900 \$ 192,362 Transformers Reactors	\$ 1,515 \$ 93 \$ 876 \$ 26 \$. \$. \$. \$. \$. \$. \$. \$. \$. \$.	\$ 1,777 \$ - 6 \$ 1,437 \$ 1,167 \$ 1,121 \$ - 6 \$ 1,939 \$ 1,165 \$ 3,335 \$ 1,672 \$ 1,843 \$ 1,509 \$ 1,600 \$ 1,821 \$ 1,600 \$ 1,821 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,154 \$ 1,453 \$ 1,22 \$ 1,272 \$ 1,154 \$ 1,453 \$ 252 \$ 1,558 \$ 27 \$ 2,358 \$ 142 \$ 1,027 \$ 27 \$ 1,482 \$ 27 \$ 2,358 \$ 10 \$ 2,593 \$ 2,283 \$ - 7 \$ 2,358 \$ 10 \$ 2,593 \$ 2,283 \$ - 7 \$ 1,472 \$ 1,472 \$ 1,472 \$ 1,472 \$ 1,473 \$ 1,474 \$ 1,474 \$ 1,474 \$ 1,474 \$ 1,474 \$ 1,474 \$ 1,474 \$ 1,474 \$ 1,474 \$ 1,474 \$ 1,474 \$ 1,474 \$ 1,474 \$ 2,474 \$ 1,474 \$ 1,474 \$ 1,474 \$ 2,574 \$ 1,574 \$ 1,574 \$ 1,574 \$ 1,745 \$ 2,574 \$ 3,574 \$ 1,745 \$ 3,574 \$	53 53 57 57 53 53 53 53 57 57 57 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
Lines -wood \$ 4,957 \$ 6,237 \$ 24,776 <th< td=""><td>PADBURY \$(5): INSTALL 2ND TRANSFORMER UNIVERSITY \$(5): INSTALL 3RD TRANSFORMER MT BARKER \$(5): INSTALL 3RD TRANSFORMER MORLEY \$(5): INSTALL 3RD TRANSFORMER PADBURY \$(5): INSTALL 3RD TRANSFORMER RANGEWAY \$(5): 2ND 132/11KV TRANSFORMER CLARKSON \$(5): SINSTALL 3RD TRANSFORMER BLACK FLAG \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER BUSSELTON \$(5): INSTALL 132/22KV TX'S DARLINGTON: 3RD TRANSFORMER MURDOCH \$(5): INSTALL 132/22KV TX'S MURDOCH \$(5): INSTALL 132/22KV TX'S STANSFORMER INSTALL 3RD TRANSFORMER MURDOCH \$(5): INSTALL 17 TRANSFORMER NOR: CHAPMAN 2ND 132/11KV TX/ JAM-MIL 81 & 82: REPLACE 122KV CABLES NCR \$(5): TRANSFORMER LOAD BALANCING 2006/7 WELSHPOOL \$(5): NEW CABLE BOX COTTESLOE \$(5): TX LOAD BALANCING NCR \$(5): TRANSFORMER LOAD BALANCING 2007/8 ARKANA: FDR CCT UPGRADE & DBL CABLE TERM</td><td>YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER DARLINGTON: 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL THE 3RD TRANSFORMER THE COUNTRY REGION : CHAPMAN 2ND 132/11kV TRANSFORMER JAMES ST-MILLIGAN 81 & 82 : REPLACE 132kV CABLES I COUNTRY REGION SUBSTATION: TRANSFORMER LOAD BALANCING WELSHPOOL SUBSTATION : NEW CABLE BOX COTTESLOE SUBSTATION SUBSTATION: TRANSFORMER LOAD BALANCING COUNTRY REGION SUBSTATION TRANSFORMER LOAD BALANCING</td><td>\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,827 \$ 2,128 \$ 1,169 \$ 1,169 \$ 2,385 \$ 2,607 \$ 2,385 \$ 2,607 \$ 2,385 \$ 3,950 \$ 3,950 \$ 3,950 \$ 28 \$ 4,000 \$ 4,000</td><td>System Capacity System Capacity</td><td>\$ 126,900 \$ 192,362 Transformers Reactors Capacitors</td><td>\$ 1,515 \$ 93 \$ 876 \$ 26 \$ - \$ \$ - \$</td><td>\$ 1,777 \$ -6 \$ 1,437 \$ 1,167 \$ 1,1437 \$ 1,167 \$ 1,121 \$ -7 \$ 1,1939 \$ 1,165 \$ 3,335 \$ 1,672 \$ 1,843 \$ 1,509 \$ 1,600 \$ 1,821 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,482 \$ 1,257 \$ 27 \$ 1,482 \$ 27 \$ 1,482 \$ 10 \$ 2,593 \$ 2,283 \$ -7 \$ 2,358 \$ 10 \$ 2,593 \$ 2,283 \$ -7 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,</td><td>53 53 57 57 53 53 53 53 57 57 57 57 57</td><td>10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30</td><td></td><td>2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2</td><td></td><td>1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>100 100 100 100 100 100 100 100 100 100</td></th<>	PADBURY \$(5): INSTALL 2ND TRANSFORMER UNIVERSITY \$(5): INSTALL 3RD TRANSFORMER MT BARKER \$(5): INSTALL 3RD TRANSFORMER MORLEY \$(5): INSTALL 3RD TRANSFORMER PADBURY \$(5): INSTALL 3RD TRANSFORMER RANGEWAY \$(5): 2ND 132/11KV TRANSFORMER CLARKSON \$(5): SINSTALL 3RD TRANSFORMER BLACK FLAG \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER BUSSELTON \$(5): INSTALL 132/22KV TX'S DARLINGTON: 3RD TRANSFORMER MURDOCH \$(5): INSTALL 132/22KV TX'S MURDOCH \$(5): INSTALL 132/22KV TX'S STANSFORMER INSTALL 3RD TRANSFORMER MURDOCH \$(5): INSTALL 17 TRANSFORMER NOR: CHAPMAN 2ND 132/11KV TX/ JAM-MIL 81 & 82: REPLACE 122KV CABLES NCR \$(5): TRANSFORMER LOAD BALANCING 2006/7 WELSHPOOL \$(5): NEW CABLE BOX COTTESLOE \$(5): TX LOAD BALANCING NCR \$(5): TRANSFORMER LOAD BALANCING 2007/8 ARKANA: FDR CCT UPGRADE & DBL CABLE TERM	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER DARLINGTON: 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL THE 3RD TRANSFORMER THE COUNTRY REGION : CHAPMAN 2ND 132/11kV TRANSFORMER JAMES ST-MILLIGAN 81 & 82 : REPLACE 132kV CABLES I COUNTRY REGION SUBSTATION: TRANSFORMER LOAD BALANCING WELSHPOOL SUBSTATION : NEW CABLE BOX COTTESLOE SUBSTATION SUBSTATION: TRANSFORMER LOAD BALANCING COUNTRY REGION SUBSTATION TRANSFORMER LOAD BALANCING	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,827 \$ 2,128 \$ 1,169 \$ 1,169 \$ 2,385 \$ 2,607 \$ 2,385 \$ 2,607 \$ 2,385 \$ 3,950 \$ 3,950 \$ 3,950 \$ 28 \$ 4,000 \$ 4,000	System Capacity	\$ 126,900 \$ 192,362 Transformers Reactors Capacitors	\$ 1,515 \$ 93 \$ 876 \$ 26 \$ - \$ \$ - \$	\$ 1,777 \$ -6 \$ 1,437 \$ 1,167 \$ 1,1437 \$ 1,167 \$ 1,121 \$ -7 \$ 1,1939 \$ 1,165 \$ 3,335 \$ 1,672 \$ 1,843 \$ 1,509 \$ 1,600 \$ 1,821 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,482 \$ 1,257 \$ 27 \$ 1,482 \$ 27 \$ 1,482 \$ 10 \$ 2,593 \$ 2,283 \$ -7 \$ 2,358 \$ 10 \$ 2,593 \$ 2,283 \$ -7 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,492 \$ 1,027 \$ 1,	53 53 57 57 53 53 53 53 57 57 57 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
Cables \$ 5,011 \$ 6,864 \$ 468 \$ 6,864 \$ 6	PADBURY S/S : INSTALL 2ND TRANSFORMER UNIVERSITY S/S: INSTALL 2ND TRANSFORMER MT BARKER S/S : INSTALL 2ND TRANSFORMER MORLEY S/S : INSTALL 3RD TRANSFORMER PADBURY S/S : INSTALL 3RD TRANSFORMER RANGEWAY S/S : 2ND 132/11KV TRANSFORMER CLARKSON S/S : INSTALL 3RD TRANSFORMER BLACK FLAG S/S : INSTALL 3RD TRANSFORMER KOJONUP S/S : INSTALL 3RD TRANSFORMER KOJONUP S/S : INSTALL 3RD TRANSFORMER MURDOCH S/S : INSTALL 132/22KV TX/S DARLINGTON: 3RD TRANSFORMER MURDOCH S/S : INSTALL 132/22KV TX/S MURDOCH S/S : INSTALL 132/22KV TX/S NCR : CHAPMAN 2ND 132/11KV TX/S JAM-MIL 31 & 32 : REPLACE 12XV CABLES NCR SS:TRANSFORMER LOAD BALANCING 2006/7 WELSHPOOL S - NEW CABLE BOX COTTESLOE S/S TX LOAD BALANCING NCR SS:TRANSFORMER LOAD BALANCING 2007/8	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER DARLINGTON: 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL THE 3RD TRANSFORMER THE COUNTRY REGION : CHAPMAN 2ND 132/11kV TRANSFORMER JAMES ST-MILLIGAN 81 & 82 : REPLACE 132kV CABLES I COUNTRY REGION SUBSTATION: TRANSFORMER LOAD BALANCING WELSHPOOL SUBSTATION : NEW CABLE BOX COTTESLOE SUBSTATION SUBSTATION: TRANSFORMER LOAD BALANCING COUNTRY REGION SUBSTATION TRANSFORMER LOAD BALANCING	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,827 \$ 2,128 \$ 1,169 \$ 1,169 \$ 2,385 \$ 2,607 \$ 2,385 \$ 2,607 \$ 2,385 \$ 3,950 \$ 3,950 \$ 3,950 \$ 28 \$ 4,000 \$ 4,000	System Capacity	\$ 126,900 \$ 192,362 Transformers Reactors Capacitors CBS	\$ 1,515 \$ 93 \$ 876 \$ 26 \$ - \$ \$ - \$	\$ 1,777 \$ - 6 \$ 1,437 \$ 1,167 \$ 1,121 \$ - 7 \$ 1,121 \$ - 7 \$ 1,122 \$ - 7 \$ 1,122 \$ - 7 \$ 1,123 \$ - 7 \$ 1,165 \$ 1,600 \$ 1,821 \$ 1,600 \$ 1,821 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,154 \$ 1,453 \$ 1,43 \$ 1,599 \$ 1,154 \$ 1,453 \$ 1,43 \$ 1,694 \$ 1,252 \$ 1,558 \$ 142 \$ 1,027 \$ 1,428 \$ 252 \$ 1,558 \$ 142 \$ 1,027 \$ 27 \$ 1,482 \$ 27 \$ 2,388 \$ 10 \$ 2,593 \$ 2,283 \$ - 7 \$ 10 \$ 2,593 \$ 2,593 \$ 2,593 \$ 2,593 \$ 2,593 \$ 2,593 \$ 2,593 \$ 3,582 \$ 3,152 \$ 3	53 53 57 53 53 53 53 57 57 57 57 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
SCADA \$ 4,230 \$ 2,280 \$ 4,254	PADBURY \$(5): INSTALL 2ND TRANSFORMER UNIVERSITY \$(5): INSTALL 3RD TRANSFORMER MT BARKER \$(5): INSTALL 3RD TRANSFORMER MORLEY \$(5): INSTALL 3RD TRANSFORMER PADBURY \$(5): INSTALL 3RD TRANSFORMER RANGEWAY \$(5): 2ND 132/11KV TRANSFORMER CLARKSON \$(5): SINSTALL 3RD TRANSFORMER BLACK FLAG \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER BUSSELTON \$(5): INSTALL 132/22KV TX'S DARLINGTON: 3RD TRANSFORMER MURDOCH \$(5): INSTALL 132/22KV TX'S MURDOCH \$(5): INSTALL 132/22KV TX'S STANSFORMER INSTALL 3RD TRANSFORMER MURDOCH \$(5): INSTALL 17 TRANSFORMER NOR: CHAPMAN 2ND 132/11KV TX/ JAM-MIL 81 & 82: REPLACE 122KV CABLES NCR \$(5): TRANSFORMER LOAD BALANCING 2006/7 WELSHPOOL \$(5): NEW CABLE BOX COTTESLOE \$(5): TX LOAD BALANCING NCR \$(5): TRANSFORMER LOAD BALANCING 2007/8 ARKANA: FDR CCT UPGRADE & DBL CABLE TERM	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER DARLINGTON: 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL THE 3RD TRANSFORMER THE COUNTRY REGION : CHAPMAN 2ND 132/11kV TRANSFORMER JAMES ST-MILLIGAN 81 & 82 : REPLACE 132kV CABLES I COUNTRY REGION SUBSTATION: TRANSFORMER LOAD BALANCING WELSHPOOL SUBSTATION : NEW CABLE BOX COTTESLOE SUBSTATION SUBSTATION: TRANSFORMER LOAD BALANCING COUNTRY REGION SUBSTATION TRANSFORMER LOAD BALANCING	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,827 \$ 2,128 \$ 1,169 \$ 1,169 \$ 2,385 \$ 2,607 \$ 2,385 \$ 2,607 \$ 2,385 \$ 3,950 \$ 3,950 \$ 3,950 \$ 28 \$ 4,000 \$ 4,000	System Capacity	\$ 126,900 \$ 192,362 Transformers Reactors Capacitors CBs Lines - steel	\$ 1,515 \$ 93 \$ 876 \$ 26 \$ - 2 \$ - 3	\$ 1,777 \$ - 6 \$ 1,437 \$ 1,167 \$ 1,121 \$ - 7 \$ 1,121 \$ - 7 \$ 1,122 \$ - 7 \$ 1,122 \$ - 7 \$ 1,123 \$ - 7 \$ 1,165 \$ 1,600 \$ 1,822 \$ 1,155 \$ 1,672 \$ 1,154 \$ 1,453 \$ 1,453 \$ 443 \$ 1,684 \$ 1,453 \$ 443 \$ 1,684 \$ 1,453 \$ 443 \$ 1,684 \$ 1,257 \$ 27 \$ 1,482 \$ 1,227 \$ 2,358 \$ 10 \$ 2,593 \$ 10 \$ 2,593 \$ 1,528 \$ 2,593	53 53 57 57 53 53 53 57 57 57 57 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
Land \$ 20,754 \$ 31,163 \$ 9,025	PADBURY \$(5): INSTALL 2ND TRANSFORMER UNIVERSITY \$(5): INSTALL 3RD TRANSFORMER MT BARKER \$(5): INSTALL 3RD TRANSFORMER MORLEY \$(5): INSTALL 3RD TRANSFORMER PADBURY \$(5): INSTALL 3RD TRANSFORMER RANGEWAY \$(5): 2ND 132/11KV TRANSFORMER CLARKSON \$(5): SINSTALL 3RD TRANSFORMER BLACK FLAG \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER BUSSELTON \$(5): INSTALL 132/22KV TX'S DARLINGTON: 3RD TRANSFORMER MURDOCH \$(5): INSTALL 132/22KV TX'S MURDOCH \$(5): INSTALL 132/22KV TX'S STANSFORMER INSTALL 3RD TRANSFORMER MURDOCH \$(5): INSTALL 17 TRANSFORMER NOR: CHAPMAN 2ND 132/11KV TX/ JAM-MIL 81 & 82: REPLACE 122KV CABLES NCR \$(5): TRANSFORMER LOAD BALANCING 2006/7 WELSHPOOL \$(5): NEW CABLE BOX COTTESLOE \$(5): TX LOAD BALANCING NCR \$(5): TRANSFORMER LOAD BALANCING 2007/8 ARKANA: FDR CCT UPGRADE & DBL CABLE TERM	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER DARLINGTON: 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL THE 3RD TRANSFORMER THE COUNTRY REGION : CHAPMAN 2ND 132/11kV TRANSFORMER JAMES ST-MILLIGAN 81 & 82 : REPLACE 132kV CABLES I COUNTRY REGION SUBSTATION: TRANSFORMER LOAD BALANCING WELSHPOOL SUBSTATION : NEW CABLE BOX COTTESLOE SUBSTATION SUBSTATION: TRANSFORMER LOAD BALANCING COUNTRY REGION SUBSTATION TRANSFORMER LOAD BALANCING	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,827 \$ 2,128 \$ 1,169 \$ 1,169 \$ 2,385 \$ 2,607 \$ 2,385 \$ 2,607 \$ 2,385 \$ 3,950 \$ 3,950 \$ 3,950 \$ 28 \$ 4,000 \$ 4,000	System Capacity	\$ 126,900 \$ 192,362 Transformers Reactors Capacitors CBs Lines - steel Lines - wood Cables	\$ 1,515 \$ 93 \$ 876 \$ 26 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 1,777 \$ - 6	53 53 57 53 53 53 53 57 57 57 57 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
	PADBURY \$(5): INSTALL 2ND TRANSFORMER UNIVERSITY \$(5): INSTALL 3RD TRANSFORMER MT BARKER \$(5): INSTALL 3RD TRANSFORMER MORLEY \$(5): INSTALL 3RD TRANSFORMER PADBURY \$(5): INSTALL 3RD TRANSFORMER RANGEWAY \$(5): 2ND 132/11KV TRANSFORMER CLARKSON \$(5): SINSTALL 3RD TRANSFORMER BLACK FLAG \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER BUSSELTON \$(5): INSTALL 132/22KV TX'S DARLINGTON: 3RD TRANSFORMER MURDOCH \$(5): INSTALL 132/22KV TX'S MURDOCH \$(5): INSTALL 132/22KV TX'S STANSFORMER INSTALL 3RD TRANSFORMER MURDOCH \$(5): INSTALL 17 TRANSFORMER NOR: CHAPMAN 2ND 132/11KV TX/ JAM-MIL 81 & 82: REPLACE 122KV CABLES NCR \$(5): TRANSFORMER LOAD BALANCING 2006/7 WELSHPOOL \$(5): NEW CABLE BOX COTTESLOE \$(5): TX LOAD BALANCING NCR \$(5): TRANSFORMER LOAD BALANCING 2007/8 ARKANA: FDR CCT UPGRADE & DBL CABLE TERM	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER DARLINGTON: 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL THE 3RD TRANSFORMER TH COUNTRY REGION: CHAPMAN 2ND 132/11kV TRANSFORMER JAMES ST-MILLIGAN 81 & 82 : REPLACE 132kV CABLES I COUNTRY REGION SUBSTATION: TRANSFORMER LOAD BALANCING WELSHPOOL SUBSTATION - NEW CABLE BOX COTTESLOE SUBSTATION SUBSTATION: TRANSFORMER LOAD BALANCING COUNTRY REGION SUBSTATION TRANSFORMER LOAD BALANCING	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,827 \$ 2,128 \$ 1,169 \$ 1,169 \$ 2,385 \$ 2,607 \$ 2,385 \$ 2,607 \$ 2,385 \$ 3,950 \$ 3,950 \$ 3,950 \$ 28 \$ 4,000 \$ 4,000	System Capacity	\$ 126,900 \$ 192,362 Transformers Reactors Capacitors CBs Lines - steel Lines - wood Cables Non network	\$ 1,515 \$ 93 \$ 876 \$ 26 \$ 26 \$ - \$ \$	\$ 1,777 \$ -6 \$ 1,437 \$ 1,167 \$ 1,1437 \$ 1,167 \$ 1,121 \$ -7 \$ 1,1939 \$ 1,165 \$ 3,335 \$ 1,672 \$ 1,843 \$ 1,509 \$ 1,800 \$ 1,821 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,154 \$ 1,483 \$ 443 \$ 1,684 \$ 252 \$ 1,588 \$ 102 \$ 2,593 \$ 27 \$ 1,482 \$ 27 \$ 1,482 \$ 27 \$ 2,388 \$ 10 \$ 2,593 \$ 2,283 \$ -7 \$ 1,482 \$ 10 \$ 2,593 \$ 12 \$ 9 \$ 103,364 \$ 110,471 \$ 240,301 \$ 189,399 \$ 2007/2008 \$ 2008/2009 \$ 35,824 \$ 31,152 \$ 1,031 \$ 1,745 \$ 240,301 \$ 189,399 \$ 2007/2008 \$ 2008/2009 \$ 35,824 \$ 31,152 \$ 1,031 \$ 1,745 \$ 1,031 \$ 1,745 \$ 240,301 \$ 189,399 \$ 2007/2008 \$ 2008/2009 \$ 35,824 \$ 31,152 \$ 1,031 \$ 1,745 \$ 1,031 \$ 1,745 \$ 240,301 \$ 189,399 \$ 2007/2008 \$ 2008/2009 \$ 35,824 \$ 31,152 \$ 31,152 \$ 31,152 \$ 31,152 \$ 31,031 \$ 10,242 \$ 31,152 \$ 31,031 \$ 10,242 \$ 31,152 \$ 31,031 \$ 10,242 \$ 31,152 \$ 31,152 \$ 31,031 \$ 1,047 \$ 32,047 \$ 31,047 \$ 32,047 \$ 31,047 \$ 32,047 \$ 31,047 \$ 32,047 \$ 31,047 \$ 32,047 \$ 32,047 \$ 33,047 \$ 34,047 \$ 34,047 \$ 35,047 \$ 35,047 \$ 36,03	53 53 57 57 53 53 53 53 57 57 57 57 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
\$ 215,196 \$ 240,301 \$ 189,399 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	PADBURY \$(5): INSTALL 2ND TRANSFORMER UNIVERSITY \$(5): INSTALL 3RD TRANSFORMER MT BARKER \$(5): INSTALL 3RD TRANSFORMER MORLEY \$(5): INSTALL 3RD TRANSFORMER PADBURY \$(5): INSTALL 3RD TRANSFORMER RANGEWAY \$(5): 2ND 132/11KV TRANSFORMER CLARKSON \$(5): SINSTALL 3RD TRANSFORMER BLACK FLAG \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER BUSSELTON \$(5): INSTALL 132/22KV TX'S DARLINGTON: 3RD TRANSFORMER MURDOCH \$(5): INSTALL 132/22KV TX'S MURDOCH \$(5): INSTALL 132/22KV TX'S STANSFORMER INSTALL 3RD TRANSFORMER MURDOCH \$(5): INSTALL 17 TRANSFORMER NOR: CHAPMAN 2ND 132/11KV TX/ JAM-MIL 81 & 82: REPLACE 122KV CABLES NCR \$(5): TRANSFORMER LOAD BALANCING 2006/7 WELSHPOOL \$(5): NEW CABLE BOX COTTESLOE \$(5): TX LOAD BALANCING NCR \$(5): TRANSFORMER LOAD BALANCING 2007/8 ARKANA: FDR CCT UPGRADE & DBL CABLE TERM	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER DARLINGTON: 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL THE 3RD TRANSFORMER TH COUNTRY REGION: CHAPMAN 2ND 132/11kV TRANSFORMER JAMES ST-MILLIGAN 81 & 82 : REPLACE 132kV CABLES I COUNTRY REGION SUBSTATION: TRANSFORMER LOAD BALANCING WELSHPOOL SUBSTATION - NEW CABLE BOX COTTESLOE SUBSTATION SUBSTATION: TRANSFORMER LOAD BALANCING COUNTRY REGION SUBSTATION TRANSFORMER LOAD BALANCING	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,827 \$ 2,128 \$ 1,169 \$ 1,169 \$ 2,385 \$ 2,607 \$ 2,385 \$ 2,607 \$ 2,385 \$ 3,950 \$ 3,950 \$ 3,950 \$ 28 \$ 4,000 \$ 4,000	System Capacity	\$ 126,900 \$ 192,362 Transformers Reactors Capacitors CBs Lines - steel Lines - wood Cables Non network SCADA	\$ 1,515 \$ 93 \$ 876 \$ 26 \$ - \$ \$ - \$	\$ 1,777 \$ - 6	53 53 57 53 53 53 53 57 57 57 57 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
\$ 215,196 \$ 240,301 \$ 189,399 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	PADBURY \$(5): INSTALL 2ND TRANSFORMER UNIVERSITY \$(5): INSTALL 3RD TRANSFORMER MT BARKER \$(5): INSTALL 3RD TRANSFORMER MORLEY \$(5): INSTALL 3RD TRANSFORMER PADBURY \$(5): INSTALL 3RD TRANSFORMER RANGEWAY \$(5): 2ND 132/11KV TRANSFORMER CLARKSON \$(5): SINSTALL 3RD TRANSFORMER BLACK FLAG \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER BUSSELTON \$(5): INSTALL 132/22KV TX'S DARLINGTON: 3RD TRANSFORMER MURDOCH \$(5): INSTALL 132/22KV TX'S MURDOCH \$(5): INSTALL 132/22KV TX'S STANSFORMER INSTALL 3RD TRANSFORMER MURDOCH \$(5): INSTALL 17 TRANSFORMER NOR: CHAPMAN 2ND 132/11KV TX/ JAM-MIL 81 & 82: REPLACE 122KV CABLES NCR \$(5): TRANSFORMER LOAD BALANCING 2006/7 WELSHPOOL \$(5): NEW CABLE BOX COTTESLOE \$(5): TX LOAD BALANCING NCR \$(5): TRANSFORMER LOAD BALANCING 2007/8 ARKANA: FDR CCT UPGRADE & DBL CABLE TERM	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER DARLINGTON: 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL THE 3RD TRANSFORMER TH COUNTRY REGION: CHAPMAN 2ND 132/11kV TRANSFORMER JAMES ST-MILLIGAN 81 & 82 : REPLACE 132kV CABLES I COUNTRY REGION SUBSTATION: TRANSFORMER LOAD BALANCING WELSHPOOL SUBSTATION - NEW CABLE BOX COTTESLOE SUBSTATION SUBSTATION: TRANSFORMER LOAD BALANCING COUNTRY REGION SUBSTATION TRANSFORMER LOAD BALANCING	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,827 \$ 2,128 \$ 1,169 \$ 1,169 \$ 2,385 \$ 2,607 \$ 2,385 \$ 2,607 \$ 2,385 \$ 3,950 \$ 3,950 \$ 3,950 \$ 28 \$ 4,000 \$ 4,000	System Capacity	\$ 126,900 \$ 192,362 Transformers Reactors Capacitors CBs Lines - steel Lines - wood Cables Non network SCADA	\$ 1,515 \$ 93 \$ 876 \$ 26 \$ - \$ \$ - \$	\$ 1,777 \$ - 6	53 53 57 53 53 53 53 57 57 57 57 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
	PADBURY \$(5): INSTALL 2ND TRANSFORMER UNIVERSITY \$(5): INSTALL 3RD TRANSFORMER MT BARKER \$(5): INSTALL 3RD TRANSFORMER MORLEY \$(5): INSTALL 3RD TRANSFORMER PADBURY \$(5): INSTALL 3RD TRANSFORMER RANGEWAY \$(5): 2ND 132/11KV TRANSFORMER CLARKSON \$(5): SINSTALL 3RD TRANSFORMER BLACK FLAG \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER BUSSELTON \$(5): INSTALL 132/22KV TX'S DARLINGTON: 3RD TRANSFORMER MURDOCH \$(5): INSTALL 132/22KV TX'S MURDOCH \$(5): INSTALL 132/22KV TX'S STANSFORMER INSTALL 3RD TRANSFORMER MURDOCH \$(5): INSTALL 17 TRANSFORMER NOR: CHAPMAN 2ND 132/11KV TX/ JAM-MIL 81 & 82: REPLACE 122KV CABLES NCR \$(5): TRANSFORMER LOAD BALANCING 2006/7 WELSHPOOL \$(5): NEW CABLE BOX COTTESLOE \$(5): TX LOAD BALANCING NCR \$(5): TRANSFORMER LOAD BALANCING 2007/8 ARKANA: FDR CCT UPGRADE & DBL CABLE TERM	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER DARLINGTON: 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL THE 3RD TRANSFORMER TH COUNTRY REGION: CHAPMAN 2ND 132/11kV TRANSFORMER JAMES ST-MILLIGAN 81 & 82 : REPLACE 132kV CABLES I COUNTRY REGION SUBSTATION: TRANSFORMER LOAD BALANCING WELSHPOOL SUBSTATION - NEW CABLE BOX COTTESLOE SUBSTATION SUBSTATION: TRANSFORMER LOAD BALANCING COUNTRY REGION SUBSTATION TRANSFORMER LOAD BALANCING	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,827 \$ 2,128 \$ 1,169 \$ 1,169 \$ 2,385 \$ 2,607 \$ 2,385 \$ 2,607 \$ 2,385 \$ 3,950 \$ 3,950 \$ 3,950 \$ 28 \$ 4,000 \$ 4,000	System Capacity	\$ 126,900 \$ 192,362 Transformers Reactors Capacitors CBs Lines - steel Lines - wood Cables Non network SCADA	\$ 1,515 \$ 93 \$ 876 \$ 26 \$ - \$ \$ - \$	\$ 1,777 \$ - 6 \$ 1,437 \$ 1,167 \$ 1,121 \$ - 6 \$ 1,939 \$ 1,165 \$ 3,335 \$ 1,672 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,604 \$ 1,821 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,154 \$ 1,483 \$ 252 \$ 1,588 \$ 252 \$ 1,588 \$ 252 \$ 1,588 \$ 1442 \$ 1,027 \$ 277 \$ 1,487 \$ 277 \$ 1,487 \$ 277 \$ 1,487 \$ 10 \$ 2,593 \$ 10 \$ 2,593 \$ 2,283 \$ - 7 \$ - 7 \$ - 7 \$ - 8 \$ - 7 \$ - 8 \$ - 8 \$ - 9 \$ - 9 \$ - 9 \$ - 103,364 \$ 110,471 \$ 240,301 \$ 189,399 \$ 2007/2008 2009/2009 \$ 358,824 \$ 31,152 \$ 1,031 \$ 1,745 \$ 15,171 \$ 10,242 \$ 1,031 \$ 1,745 \$ 15,171 \$ 10,242 \$ 1,031 \$ 1,745 \$ 15,171 \$ 10,242 \$ 1,031 \$ 1,745 \$ 15,171 \$ 10,242 \$ 1,031 \$ 1,745 \$ 1,031 \$ 1,74	53 53 57 58 53 53 53 57 57 57 57 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
	PADBURY S/S : INSTALL 2ND TRANSFORMER UNIVERSITY S/S: INSTALL 2ND TRANSFORMER MT BARKER S/S : INSTALL 2ND TRANSFORMER MORLEY S/S : INSTALL 3RD TRANSFORMER PADBURY S/S : INSTALL 3RD TRANSFORMER RANGEWAY S/S : 2ND 132/11KV TRANSFORMER CLARKSON S/S : INSTALL 3RD TRANSFORMER BLACK FLAG S/S : INSTALL 3RD TRANSFORMER KOJONUP S/S : INSTALL 3RD TRANSFORMER KOJONUP S/S : INSTALL 3RD TRANSFORMER MURDOCH S/S : INSTALL 132/22KV TX/S DARLINGTON: 3RD TRANSFORMER MURDOCH S/S : INSTALL 132/22KV TX/S MURDOCH S/S : INSTALL 132/22KV TX/S NCR : CHAPMAN 2ND 132/11KV TX/S JAM-MIL 31 & 32 : REPLACE 12XV CABLES NCR SS:TRANSFORMER LOAD BALANCING 2006/7 WELSHPOOL S - NEW CABLE BOX COTTESLOE S/S TX LOAD BALANCING NCR SS:TRANSFORMER LOAD BALANCING 2007/8	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER DARLINGTON: 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL THE 3RD TRANSFORMER TH COUNTRY REGION: CHAPMAN 2ND 132/11kV TRANSFORMER JAMES ST-MILLIGAN 81 & 82 : REPLACE 132kV CABLES I COUNTRY REGION SUBSTATION: TRANSFORMER LOAD BALANCING WELSHPOOL SUBSTATION - NEW CABLE BOX COTTESLOE SUBSTATION SUBSTATION: TRANSFORMER LOAD BALANCING COUNTRY REGION SUBSTATION TRANSFORMER LOAD BALANCING	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,827 \$ 2,128 \$ 1,169 \$ 1,169 \$ 2,385 \$ 2,607 \$ 2,385 \$ 2,607 \$ 2,385 \$ 3,950 \$ 3,950 \$ 3,950 \$ 28 \$ 4,000 \$ 4,000	System Capacity	\$ 126,900 \$ 192,362 Transformers Reactors Capacitors CBs Lines - steel Lines - wood Cables Non network SCADA	\$ 1,515 \$ 93 \$ 876 \$ 26 \$ - \$ \$ - \$	\$ 1,777 \$ - 6 \$ 1,437 \$ 1,167 \$ 1,121 \$ - 6 \$ 1,939 \$ 1,165 \$ 3,335 \$ 1,672 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,604 \$ 1,821 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,154 \$ 1,483 \$ 252 \$ 1,588 \$ 252 \$ 1,588 \$ 252 \$ 1,588 \$ 1442 \$ 1,027 \$ 277 \$ 1,487 \$ 277 \$ 1,487 \$ 277 \$ 1,487 \$ 10 \$ 2,593 \$ 10 \$ 2,593 \$ 2,283 \$ - 7 \$ - 7 \$ - 7 \$ - 8 \$ - 7 \$ - 8 \$ - 8 \$ - 9 \$ - 9 \$ - 9 \$ - 103,364 \$ 110,471 \$ 240,301 \$ 189,399 \$ 2007/2008 2009/2009 \$ 358,824 \$ 31,152 \$ 1,031 \$ 1,745 \$ 15,171 \$ 10,242 \$ 1,031 \$ 1,745 \$ 15,171 \$ 10,242 \$ 1,031 \$ 1,745 \$ 15,171 \$ 10,242 \$ 1,031 \$ 1,745 \$ 15,171 \$ 10,242 \$ 1,031 \$ 1,745 \$ 1,031 \$ 1,74	53 53 57 58 53 53 53 57 57 57 57 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
	PADBURY \$(5): INSTALL 2ND TRANSFORMER UNIVERSITY \$(5): INSTALL 3RD TRANSFORMER MT BARKER \$(5): INSTALL 3RD TRANSFORMER MORLEY \$(5): INSTALL 3RD TRANSFORMER PADBURY \$(5): INSTALL 3RD TRANSFORMER RANGEWAY \$(5): 2ND 132/11KV TRANSFORMER CLARKSON \$(5): SINSTALL 3RD TRANSFORMER BLACK FLAG \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER KOJONUP \$(5): INSTALL 3RD TRANSFORMER BUSSELTON \$(5): INSTALL 132/22KV TX'S DARLINGTON: 3RD TRANSFORMER MURDOCH \$(5): INSTALL 132/22KV TX'S MURDOCH \$(5): INSTALL 132/22KV TX'S STANSFORMER INSTALL 3RD TRANSFORMER MURDOCH \$(5): INSTALL 18D TRANSFORMER NOR: CHAPMAN 2ND 132/11KV TX/ JAM-MIL 81 & 82: REPLACE 132KV CABLES NCR \$(5): TRANSFORMER LOAD BALANCING 2006/7 WELSHPOOL \$(5): NEW CABLE BOX COTTESLOE \$(5): TX LOAD BALANCING NCR \$(5): TRANSFORMER LOAD BALANCING 2007/8 ARKANA: FDR CCT UPGRADE & DBL CABLE TERM	YOKINE SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 2ND TRANSFORMER UNIVERSITY SUBSTATION: INSTALL 2ND TRANSFORMER MT BARKER SUBSTATION: INSTALL 2ND TRANSFORMER MORLEY SUBSTATION: INSTALL 3RD TRANSFORMER PADBURY SUBSTATION: INSTALL 3RD TRANSFORMER RANGEWAY SUBSTATION: INSTALL 3RD TRANSFORMER CLARKSON SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER BLACK FLAG SUBSTATION: INSTALL 3RD TRANSFORMER KOJONUP SUBSTATION: INSTALL 3RD TRANSFORMER BUSSELTON SUBSTATION: INSTALL 3RD TRANSFORMER DARLINGTON: 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MURDOCH SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL 3RD TRANSFORMER MUCHEA SUBSTATION: INSTALL THE 3RD TRANSFORMER TH COUNTRY REGION: CHAPMAN 2ND 132/11kV TRANSFORMER JAMES ST-MILLIGAN 81 & 82 : REPLACE 132kV CABLES I COUNTRY REGION SUBSTATION: TRANSFORMER LOAD BALANCING WELSHPOOL SUBSTATION - NEW CABLE BOX COTTESLOE SUBSTATION SUBSTATION: TRANSFORMER LOAD BALANCING COUNTRY REGION SUBSTATION TRANSFORMER LOAD BALANCING	\$ 3,292 \$ 2,697 \$ 1,997 \$ 3,130 \$ 5,007 \$ 3,352 \$ 3,352 \$ 3,421 \$ 2,827 \$ 2,827 \$ 2,128 \$ 1,169 \$ 1,169 \$ 2,385 \$ 2,607 \$ 2,385 \$ 2,607 \$ 2,385 \$ 3,950 \$ 3,950 \$ 2,85	System Capacity	\$ 126,900 \$ 192,362 Transformers Reactors Capacitors CBs Lines - steel Lines - wood Cables Non network SCADA	\$ 1,515 \$ 93 \$ 876 \$ 26 \$ - \$ \$ - \$	\$ 1,777 \$ - 6 \$ 1,437 \$ 1,167 \$ 1,121 \$ - 6 \$ 1,939 \$ 1,165 \$ 3,335 \$ 1,672 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,509 \$ 1,843 \$ 1,604 \$ 1,821 \$ 1,155 \$ 1,672 \$ 1,155 \$ 1,672 \$ 1,154 \$ 1,483 \$ 252 \$ 1,588 \$ 252 \$ 1,588 \$ 252 \$ 1,588 \$ 1442 \$ 1,027 \$ 277 \$ 1,487 \$ 277 \$ 1,487 \$ 277 \$ 1,487 \$ 10 \$ 2,593 \$ 10 \$ 2,593 \$ 2,283 \$ - 7 \$ - 7 \$ - 7 \$ - 8 \$ - 7 \$ - 8 \$ - 8 \$ - 9 \$ - 9 \$ - 9 \$ - 103,364 \$ 110,471 \$ 240,301 \$ 189,399 \$ 2007/2008 2009/2009 \$ 358,824 \$ 31,152 \$ 1,031 \$ 1,745 \$ 15,171 \$ 10,242 \$ 1,031 \$ 1,745 \$ 15,171 \$ 10,242 \$ 1,031 \$ 1,745 \$ 15,171 \$ 10,242 \$ 1,031 \$ 1,745 \$ 15,171 \$ 10,242 \$ 1,031 \$ 1,745 \$ 1,031 \$ 1,74	53 53 57 58 53 53 53 57 57 57 57 57 57	10 34 10 34 10 34 10 34 10 30 10 34 10 34 10 34 10 34 10 34 10 34 10 30		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100

Portor	Portor Providen	otal Cost Over Regulatory	Deliver		Project du	ation and expenditure	(\$ 000)				% Total Cost by As	set Group		
Project High voltage projects - refer to sheet 'Dist Capacity Demand Capex'	Project Description High voltage projects (various) - refer to sheet 'Dist Capacity Demand Capex' \$	Period (\$ 000) 87,710	Driver Distribution Capacity	2004/2005	2005/2006	2006/2007 20 26,400 \$	28,690 \$	2008/2009 N 32,620	Notes Wood Pole Lines U	nderground Cables 53.8	Transformers Switchg	ear Streetlighting Meters and Services	Non Network TOTAL	
Low Voltage Feeder Upgrades Overloaded Distribution Transformer Replacement	Low Voltage Feeder Upgrades (various) \$ Overloaded Distribution Transformer Replacement (various) \$	10,690 7,220	Distribution Capacity		3	1,520 \$ 3,400 \$	3,750 \$ 1,560 \$	5,420		95	100		100	
Overloaded Distribution Transformer Replacement	Overloaded Distribution Transformer Replacement (various) \$	7,220	Distribution Capacity TOTAL Distribution Capacity	\$ 22,510	\$ 33,330 \$	31,320 \$	34,000 \$	2,260 40,300			100		100	
New Residential Subdivision Development	New Residential Subdivision Development (various) \$	98,842	Customer Driven		5	32,947 \$	32,947 \$	32,947	3	72	10 6	9	100	
New Industrial/Commercial Subdivision Development Connection of New Industrial/Commercial Individual Customers	New Industrial/Commercial Subdivision Development (various) \$ Connection of New Industrial/Commercial Individual Customers (various) \$	20,275 68,429			9	6,758 \$ 22,810 \$	6,758 \$ 22,810 \$	6,758 22,810	3	69 26	12 9 46 23	7	100 100	
Connection of New Rural Customers (SES)	Connection of New Rural Customers (various) \$	12,672	Customer Driven		9	4,224 \$	4,224 \$	4,224	55	8	28 9		100	
Connection of New Small Single Customers Connection of New Streetlights and Relocations	Connection of New Small Single Customers (various) \$ Connection of New Streetlights and Relocations (various) \$	38,016 15,206			\$	5 12,672 \$ 5 5,069 \$	12,672 \$ 5,069 \$	12,672 5,069	45	98	2	55	100	
TX Enclosures Reduced Cust radial Feeds	TX Enclosures \$ Reduced Cust radial Feeds \$	1,105	Customer Driven - Technical Rules Changes Customer Driven - Technical Rules Changes		9	- \$	360 \$ 2,407 \$	745 4,791	45		100		100 100	
increased ADMDs	increased ADMDs \$	24,731	Customer Driven - Technical Rules Changes		9	- \$	8,186 \$	16,545	45	30	40 30		100	
Increased loads Comm/Ind subdivisions Pole to Pillar Connections	Increased loads Comm/Ind subdivisions \$ Pole to Pillar Connections \$	6,834 24,727	Customer Driven - Technical Rules Changes Customer Driven - Technical Rules Changes		9	- \$ 8.000 \$	2,221 \$ 8,240 \$	4,613 8,487		30 100	40 30		100	
Dist Remote Control Monitoring	Dist Remote Control Monitoring \$	8,937	Customer Driven - Technical Rules Changes Customer Driven - Technical Rules Changes		9	- \$	2,905 \$ 769 \$	6,032 1,597			60 40	100	100 100	
Streetlights Fire Proof Construction	Streetlights \$ Fire Proof Construction \$	3,422	Customer Driven - Technical Rules Changes		\$	- \$	982 \$	2,440	100			100	100	
			TOTAL Customer Driven	\$ 103,660	\$ 84,483 \$	92,480 \$	110,550 \$	129,730						
Substation - RMU Distribution Poles Replacement	Programmed replacement of Ring Main Unit switchgear \$	6,000 14,000	Asset Replacement		9	2,000 \$ 3,000 \$	2,000 \$ 3,000 \$	2,000 8,000	100		100		100 100	
Carriers	Programmed replacement of wood poles \$ Programmed replacement of overhead conductors \$	5,000	Asset Replacement		9	1,000 \$	1,000 \$	3,000	100				100	
Sectionalisers/Reclosers Distribution Transformers	Programmed replacement of feeder sectionalizing switchgear \$ Programmed replacement of transformers \$	19 1,664			9	17 \$ 5 500 \$	1 \$ 598 \$	1 566			100		100	
Compensators	Programmed replacement of capacitors & reactors \$	101	Asset Replacement		9	49 \$	26 \$	26			100		100	
LV Frames PWOD Reinforcement	Programmed replacement of underground system low voltage switchgear \$ Programmed steel reinforcement of wood poles \$	11,000	Asset Replacement			3,000 \$	158 \$ 3,000 \$	162 5,000	100		100		100 100	
Wildlife proofing (G) Emergency Response Generation	Programmed wildlife proofing of pole tops in susceptible areas \$ Emergency generation to maintain customer suppy during asset replacement \$	662 380			9	201 \$ 380 \$	217 \$	245	100		100		100 100	
goney roupered deficiation	3.7.3 Santa Supply during assert opiacement	380	TOTAL Asset Replacement	\$ 11,040	\$ 10,255	10,300 \$	10,000 \$	19,000					100	
Distribution Remote Control – Pilot Project Initiatives	Pilot project for remote control of field switches \$	1,524			9	500 \$	504 \$	520			100		100	
40 worst feeders Program (20 Metro, 10 NC and 10SC) Fault Indicator Installation (OH/UG)	Targeted upgrade of 40 worst performing (reliability) feeders \$ Targeted installation of fault indicators to decrease supply restoration times \$	30,520 3,780			9	5,540 \$ 670 \$	9,010 \$ 1,100 \$	15,970 2,010	70	30	100		100 100	
Targeted Reliability Driven Reclosers	Targeted installation of radii indicators to decrease supply restoration times Targeted installation of reclosers to decrease supply interruption times Targeted installation of remote controls on field switches S	2,300	Reliability Driven		9	410 \$	670 \$	1,220			100		100	
Remote Control RMU/PTS RPIP Stage 2 - SCADA for Remainder of country 3phase reclosers	Targeted installation of remote controls on field switches Installation of telemetry for existing reclosers to compliment RPIP initiatives \$ 1	2,535 437			9	365 \$ 207 \$	620 \$ 100 \$	1,550 130			100		100 100 100	
			TOTAL Reliability Driven	\$ 50	\$ 7,692 \$	7,692 \$	12,004 \$	21,400						
Overhead Customer Service Connection	Replacement of suspect overhead service wire connectors \$	33,776			9	8,401 \$	13,104 \$	12,271	100			100	100	
Metal SL poles Conductive Poles	Upgrade earthing of metal streetlight poles \$ Upgrade streetlight overhead switchwires \$	4,990 2,328	Safety, Enviornmental & Statutory		9	1,390 \$ 3 438 \$	1,350 \$ 884 \$	2,250 1,006	100			100	100 100	
SL Switch wires URD pits	Upgrade earthing of metal power poles \$ Replacement of suspect service connection pits in residential areas \$	1,572 1,100			9	438 \$ 1,100 \$	450 \$ - \$	684		100		100	100 100	
Henley Boxes	Replacement of Henley high voltage cable termination boxes \$	6,067	Safety, Enviornmental & Statutory		9	1,400 \$	1,649 \$	3,018	100	100			100	
Cattle Care PTS earth mats	Installation of concrete pads around rural poles \$ Upgrade earthing of operator earth mats on pole top switches \$	1,421 6,739	Safety, Enviornmental & Statutory		3	5 521 \$ 5 2,127 \$	450 \$ 2,267 \$	450 2,345	100		100		100	
LV frame shrouding TX poles	Install operator safety shrouding on low voltage switchboards \$ Replacement of transformer poles with inadequate steel reinforcing \$	1,748 2,573			9	362 \$ 1,434 \$	383 \$ 975 \$	1,003 164			100		100	
River Crossings	Upgrade power line clearances over river crossings \$	670	Safety, Enviornmental & Statutory		9	400 \$	270 \$	-	100		100		100	
Bushfire Mitigation - wires down Bushfire Mitigation - conductor clashing HV	Targeted reconductoring of lines in high bushfire risk areas \$ Upgrade high voltage lines to mitigate risk of conductor clashing \$	10,987 15,219	Safety, Enviornmental & Statutory Safety, Enviornmental & Statutory		9	876 \$ 4,473 \$	4,750 \$ 5,035 \$	5,361 5,711	100				100	
Bushfire Mitigation - conductor clashing - LV Bushfire Mitigation - fire safe fuses	Upgrade low voltage lines to mitigate risk of conductor clashing \$ Replacement of existing fuses with fire safe alternatives \$	3,422 6,554			9	1,300 \$ 877 \$	1,001 \$ 2,631 \$	1,121 3,046	100		100		100 100	
Refurbish Distribution Voltage Regulators	Targeted refurbisment of regulators to compliment quality initiatives \$	725	Safety, Enviornmental & Statutory		9	725 \$	- \$	-			100		100	
Power Quality compliance Padmount Transformer Noise	Targeted upgrading of network to resolve power quality issues (various) \$ Retrofit transformer enclosures to meet new noise limits \$	12,670 4,038			9	3,500 \$ 438 \$	4,700 \$ 1,800 \$	4,470 1,800	45	50	5 100		100	
			TOTAL Safety, Enviornmental & Statutory	\$ 25,100	\$ 23,929 \$	30,200 \$	41,700 \$	44,700						
CBD SCADA CONNECTIONS	Connect CBD SCADA Remote Sites to Perth Fibre Network \$	11 69	SCADA & Communications		9	11 \$	- \$	-					100 100	
DIST. SCADA/COMMS ASSET REPL INVESTIGATION COUNTRY MOBILE RADIO	Asset Replacement Strategy for CBD and Metro Reclosers SCADA \$ Asset Replacement Of Country Mobile Radio Bases/Links \$	1,103	SCADA & Communications SCADA & Communications		7	69 \$ 274 \$	279 \$	550					100 100 100 100	
DIST. AUTOMATION EXPANSION : RECLOSERS DISTRIBUTION AUTOMATION	Metro Distribution Recloser SCADA/Comms Bases Expansion Rollout of SCADA/Comms Bases for Distribution Automation Projects \$ 1	980	SCADA & Communications SCADA & Communications	+	9	33 \$	- \$ 250 \$	250					100 100 100 100	
HARDWARE FOR ENMAC MASTER STATION COMMS: ENMAC RTU DIGITAL DATA INTERFACE	ENMAC Distribution Master Station Hardware Upgrades \$	150			9	50 \$	50 \$	50					100 100	
SCADA: 3 PH RECLOSERS FOR COUNTRY AREA	Distribution SCADA Master - Install Digital RTU Comms Interface \$ Provide Remote Control & Monitoring for Various Country 3 PH Reclosers \$	92 783	SCADA & Communications		9	92 \$ 192 \$	461 \$	130					100 100 100 100	
TRUNKED MOBILE RADIO REPLACEMENT INSTALL GPRS/1XRTT SCADA BASE	Trunked Mobile Radio Replacement \$ Install GPRS/1XRTT Distribution SCADA Base \$	920 34			9	40 \$ 34 \$	440 \$	440					100 100 100 100	
COMMS TOWER REINF: REGULATORY COMPLIANCE	Communications Tower Reinforcement for Regulatory Compliance \$	700	SCADA & Communications		3	700 \$	- \$	-					100 100	
METRO RECLOSER SYSTEM RADIO REPLACEMENT CBD SCADA EXPANSION	Metro Recloser SCADA System Radio Asset Replacement \$ CBD SCADA System Base Capacity Expansion \$	800 126	SCADA & Communications		33	126 \$	320 \$	480					100 100 100 100	
			TOTAL SCADA & Communications	\$ 2,170	\$ 2,137	2,101 \$	1,800 \$	1,900						
Outage Management System (TCMS)	New IT system to replace current Trouble Call (fault) Management System \$	3,800	IT (inc Market Reform)		9	3,000 \$	1,150 \$	355					100 100	
Feeder & Transformer Forecasting Tool Reliability Program	New IT tool for load monitoring & planning of quality of supply initiatives System enhancements for reliability data recording, analysis & reporting \$ \$ \text{System} \text{System} \text{System} \text{System}	351 1,585	IT (inc Market Reform)			148 \$ 685 \$	100 \$ 520 \$	103 379					100 100 100 100	
Workforce Management System / Data access for others	Establish Work Management System \$ Establish access to network data by retailers, generators & stakeholders \$	2,808 1,205	IT (inc Market Reform) IT (inc Market Reform)		9	1,500 \$	638 \$ 286 \$	671 46					100 100 100 100	
GIS Replacement	Replacement of current "DFIS" geographic information system \$	12,837 864			9	6,142 \$ 320 \$	6,232 \$ 400 \$	6,983 144					100 100	
Asset Systems Rationalisation Disaster Recovery Project	Enhancement of current asset management systems (various) \$ Implementation of IT disaster recovery plan \$	630	IT (inc Market Reform)			375 \$	375 \$	375					100 100	
Customer Information Systems Interfaces to Interim Market	Establish a Networks Customer Information System \$ Establish IT interfaces with IMO to provide operational data as required \$	7,488 1,500	IT (inc Market Reform)		9	1,800 \$ 975 \$	2,968 \$ 975 \$	2,720 700					100 100 100 100	
Compliance Reporting Hardware Purchases	Establish/modify systems to support new compliance reporting processes \$ Various minor hardware purchases \$	1,566 179	IT (inc Market Reform)		9	- \$ 853 \$	783 \$ 436 \$	783 550					100 100 100 100	
IT&T Systems Maintenance	IT&T Systems Maintenance (ongoing) \$	4,781	IT (inc Market Reform)		9	5,220 \$	1,520 \$	1,741					100 100	
HiReps Advanced CMS	High Level Resource and Work Planning Tool \$ Advanced Contract Management System \$	3,400 330	IT (inc Market Reform)		9	1,750 \$ 330 \$	1,650 \$	-					100 100 100 100	
VSF PSSE	Vendor Shop Facility \$ PSSE Replacement (Engineering Software) \$	100 270	IT (inc Market Reform)		9	100 270							100 100 100 100	
MV90/91	Metering Systems for Commerical, Industrial & Domestic \$	448	IT (inc Market Reform)		9	448							100 100	
ENMAC DUSA	ENMAC SCADA systems \$ Customer Systems Online Applications \$	525 160			9	525 160							100 100 100 100	
WT Electronic Catalog	Web Based Tendering \$ Electronic Catalog \$	250 280			9	250 280							100 100 100 100	
MDF	Materials DM Forecasting \$	220	IT (inc Market Reform)		9	220							100 100	
RFID IMS Warehouse	Viability Review of Asset tagging \$ On Demand Access to IMS Data \$	50 150			9	- \$ 5 150	50						100 100 100 100	
DMT Tools	Data Management Team Tools for data analysis \$	449	IT (inc Market Reform) TOTAL IT (inc Market Reform)	\$ 5,200	\$ 15,212	182 \$ 5 25,700 \$	217 \$ 18,300 \$	50 15,600					100 100	
New Connections - Marrie	Completed natural states	40.0=0		, 5,200	,212							400	100	
New Connections – Meters Meter Asset Replacement	Supply of new meters \$ Programmed replacement of meters per approved meter management plan \$	13,270 9,230	Metering		9	4,250 \$ 5 150 \$	4,400 \$ 3,700 \$	4,620 5,380				100 100	100 100	
			TOTAL Metering	\$ 13,550	\$ 4,401 \$	4,400 \$	8,100 \$	10,000						
Fremantle	Committed SUPP project \$	8,265	SUPP		9	4,133 \$	4,133 \$	-		76.9	6.9 6.9	9.3	100	
City Beach Nedlands East	Committed SUPP project \$ Committed SUPP project \$	103 3,721	SUPP			3,721 \$	- \$ - \$	-		76.9 76.9	6.9 6.9 6.9 6.9	9.3 9.3	100	
Churchlands/Wembley Downs Highgate East	Committed SUPP project \$ Committed SUPP project \$	11,507 4,349	SUPP SUPP		9	5,114 \$ 3,479 \$	6,393 \$ 870 \$	-		76.9 76.9	6.9 6.9 6.9 6.9	9.3 9.3	100	
Como East	Committed SUPP project \$ Committed SUPP project \$	7,489 84	SUPP		9	- \$ 84 \$	4,992 \$	2,496		76.9 76.9	6.9 6.9 6.9 6.9	9.3	100	
Balingup LEP Nanup LEP	Committed SUPP project \$	145	SUPP		9	145 \$	- \$	-		76.9	6.9 6.9	9.3	100	
Lake Grace LEP Gosnells South	Committed SUPP project \$ Committed SUPP project \$	312 4,054			9	312 \$	- \$ - \$	4,054		76.9 76.9	6.9 6.9 6.9 6.9	9.3 9.3	100	
Mt Pleasant North	Committed SUPP project \$	4,304	SUPP		9	-	- \$	4,304		76.9	6.9 6.9	9.3	100	
Palm Beach Wilson West	Committed SUPP project \$ Committed SUPP project \$	2,585 1,744	SUPP SUPP		9	-	- \$	2,585 1,744		76.9 76.9	6.9 6.9 6.9 6.9	9.3 9.3	100	

Withers Committed SUPP project \$ 1,584				- 5	-				76.9	6.9	6.9	9.3		100	
Balcatta Committed SUPP project \$ 438				- :	-	\$ 438			76.9	6.9	6.9	9.3		100	
	TOTAL SUPP	\$ 19,300	\$ 17,092	\$ 17,092	16,387	\$ 17,205									
Government driven program over a four year term. Projects only agreed a Project details yet to be committed \$ 32,856				\$ 10,255				80			20			100	
	TOTAL RPIP	\$ 10,430	\$ 10,255	\$ 10,255	10,601	\$ 12,000									
Tools & Equipment Tools & equipment for construction & maintenance functions \$ 7,770	Support			\$ 2,310									100	100	
Capital Works Management Labour costs for management of capital works processes & program \$ 2,850				930	950								100	100	
	TOTAL Support	\$ 5,350	\$ 3,213	\$ 3,240	3,540	\$ 3,840									
	TOTAL Expenditure	\$ 218,360	\$ 212,000	\$ 234,781	266,982	\$ 315,675									
\$ 59,810	TOTAL Vested Assets	\$ 16,185	\$ 17,235	\$ 15,930	19,950	\$ 23,930			73	10.5	6.7	9.8		100	
	\$ By Asset Group	2004/2005	2005/2006	2006/2007	2007/2008	2008/2009									
	Wood Pole Lines			\$ 52,914											
	Underground Cables			\$ 101,404											
	Transformers			\$ 27,809	32,699	\$ 39,852									
	Switchgear			\$ 21,731	30,736	\$ 40,980									
				\$ 11,205	12,274	\$ 14,703									
				\$ 4,400	8,100										
	Non Network			\$ 31,248	23,740	\$ 21,470									
	Network Related % Split	2004/2005	2005/2006	2006/2007	2007/2008	2008/2009	gregate Avera								
	Wood Pole Lines			26.0%	28.0%	29.7%	28.14%								
	Underground Cables			49.7%	45.8%	42.7%	45.68%								
	Transformers			13.6%	13.5%	13.6%	13.56%								
	Switchgear			10.7%	12.7%	14.0%	12.63%								
					e Revenue mod										
	\$ By Asset Group	2004/2005	2005/2006	2006/2007		2008/2009									
	Wooden Pole Lines			\$ 52.939											
	Underground Cables			\$ 101.452	111.273	\$ 125.358									
	Transformers			\$ 27.822	32.691										_
	Switchgear			\$ 21.741	30.728										
	Street lighting			\$ 11.210	12.271	\$ 14.704									
	Meters and Services			\$ 4.402	8.098	\$ 10.001	1								
	IT&T			\$ 25.723 \$ 2.137	18.349										_
	0010100				1.767										_
	SCADA & Communications			2.107											
	Other Distribution Non-Network			\$ 3.213	3.534										
	Other Distribution Non-Network Distribution Land & Easements			3.213	3.534	\$ -									
	Other Distribution Non-Network			\$ 3.213	3.534	\$ -									
	Other Distribution Non-Network Distribution Land & Easements TOTAL			3.213 5 - 5 5 250.639 5	3.534 - 286.779	\$ - \$ 339.488									
	Other Distribution Non-Network Distribution Land & Easements			3.213	3.534	\$ -									
	Other Distribution Non-Network Distribution Land & Easements TOTAL			3.213 5 - 5 5 250.639 5	3.534 - 286.779	\$ - \$ 339.488									