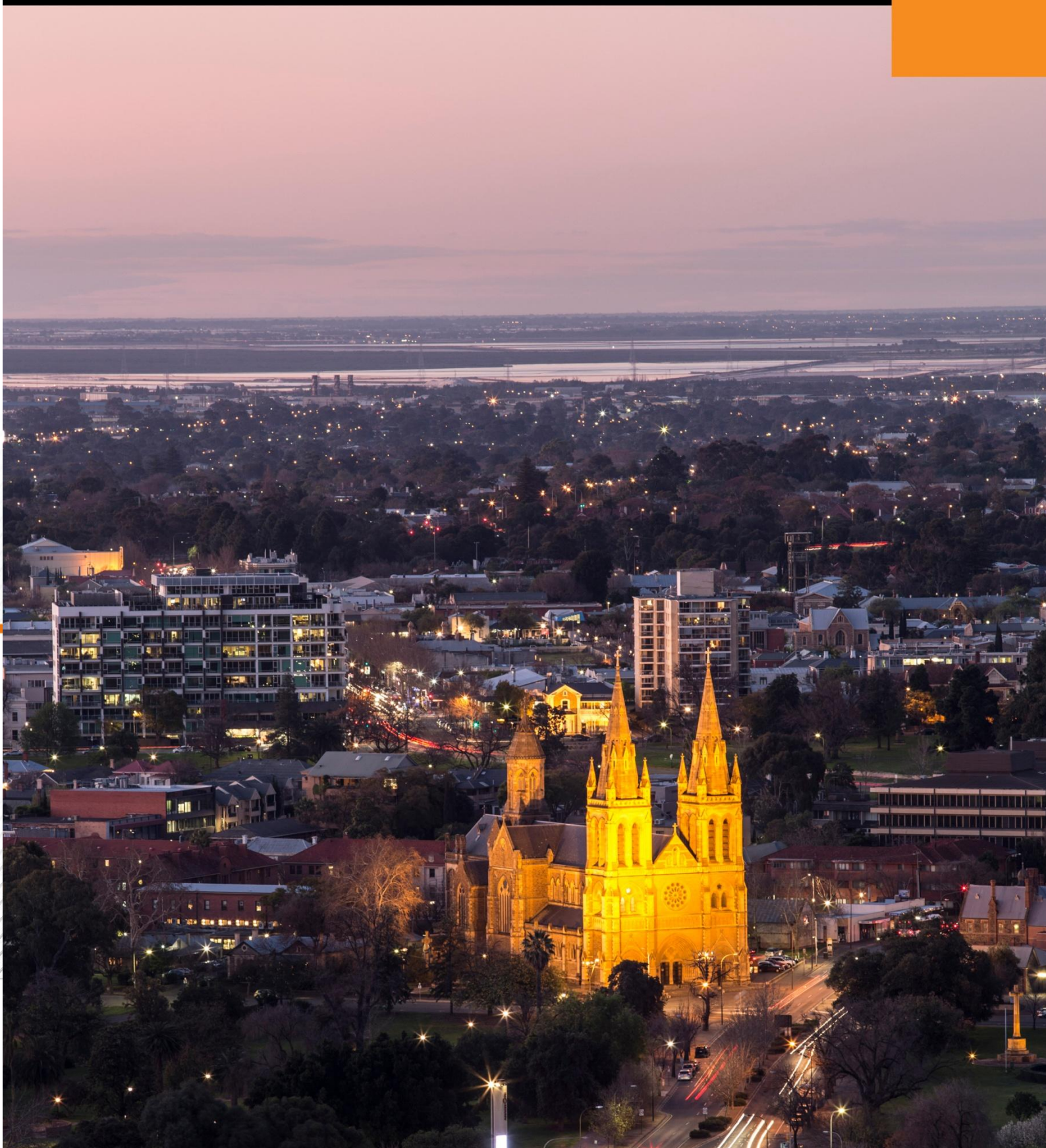
SA Power Networks

Annual Pricing Proposal 2016/17

Appendix A – NUoS Tariffs and explanatory notes



Appendix A – NUoS Tariffs and explanatory notes

Appendix A – NUoS Tariffs and explanatory notes

SA Power Networks' Tariffs 2016-17		Supply	Energy based usage					Annual agreed kVA demand			Monthly actual kVA demand			Monthly actual kW demand		
Final Network Prices Schedule comprises DUoS, PV FiT and TUOS excludes GST, Metering	NUoS 2016/17	Supply Rate $/day	Usage Block 1 $/kWh	Usage Block 2 $/kWh	Usage Peak $/kWh	Usage Off-Peak $/kWh	Controlled Load $/kWh	Block 1 $/kVA/day Annual	Block 2 $/kVA/day Annual	Additional $/kVA/day Annual	Summer Peak $/kVA/day 5 months	Year Shoulder $/kVA/day 12 months	Year Off-Peak $/kVA/day 12 months	Summer Peak $/kW/day 5 months	Winter Shoulder $/kW/day 7 months	Year Off-Peak $/kW/day 12 months
Tariff Class and Tariffs																
Residential Tariff Class																
RSR	Residential	$ 0.3012	$ 0.1175	$ 0.1470			$ 0.0539									
MRD	Residential Monthly Actual kW Demand (min demand 1.0 kW)		$ 0.0652				$ 0.0539							$ 0.4275	$ 0.1778	$ -
Small Business Tariff Class																
LVUU	Unmetered 12 hour (streetlights)		$ 0.0687													
LVUU24	Unmetered 24 hour		$ 0.0687													
BSR	Business Single-Rate (obsolete July 2010)	$ 0.3012	$ 0.1342	$ 0.1342			$ 0.0539									
B2R	Business Two-Rate	$ 0.3012			$ 0.1584	$ 0.0711	$ 0.0539									
SBDI	Business Monthly Actual kVA Demand		$ 0.0505								$ 0.4911	$ 0.2436	$ -			
SBDIT	Business Monthly Actual kVA Demand Transition	$ 0.1506			$ 0.1046	$ 0.0609					$ 0.2457	$ 0.1220	$ -			
SLVI	Business Annual Agreed kVA Demand (obsolete July 2016)	$ 11.1338	$ 0.0307					$ 0.3189	$ 0.2627	$ 0.1282						
BSRN	Business Single-Rate (negotiated service)	$ 0.3012	$ 0.1342	$ 0.1342												
B2RN	Business Two-Rate (negotiated service)	$ 0.3012			$ 0.1584	$ 0.0711										
Large Business LV Tariff Class (LV and >160 MWh)																
LBSR	Business Single-Rate Transition	$ 0.3012	$ 0.1610	$ 0.1610			$ 0.0539									
LB2R	Business Two-Rate Transition	$ 0.3012			$ 0.1901	$ 0.0854	$ 0.0539									
BDI	Business Monthly Actual kVA Demand		$ 0.0505								$ 0.4911	$ 0.2436	$ -			
BDIT	Business Monthly Actual kVA Demand Trans. (obs. July 2016)	$ 0.1506			$ 0.1046	$ 0.0609					$ 0.2457	$ 0.1220	$ -			
LVI	Business Annual Agreed kVA Demand	$ 11.1338	$ 0.0307					$ 0.3189	$ 0.2627	$ 0.1282						
LVSGI	Sportsgrounds Annual Agreed kVA Demand	$ 11.1338	$ 0.0307					$ 0.3189	$ 0.2627	$ 0.1282						
LVIB	Business Annual Agreed kVA Demand (back-up)	$ 11.1338	$ 0.0307					$ 0.2206	$ 0.1282	$ 0.1282						
LVIN	Business Annual Agreed kVA Demand (negotiated service)	$ 11.1338	$ 0.0307					$ 0.3189	$ 0.1703	$ 0.1282						
High Voltage Business Tariff Class																
B2R124H	High Voltage Business Two-Rate (obsolete July 2015)	$ 0.3012			$ 0.1901	$ 0.0854										
HBDI	Business Monthly Actual kVA Demand		$ 0.0505								$ 0.4911	$ 0.2436	$ -			
HV400I	HV Business Annual Agreed kVA Demand < 400 kVA	$ 11.1338	$ 0.0307					$ 0.3189		$ 0.1282						
HVI	HV Business Annual Agreed kVA Demand	$ 80.4111	$ 0.0243					$ 0.2321		$ 0.1190						
HV400IN	Business HV Demand < 400 kVA (negotiated service)	$ 11.1338	$ 0.0307					$ 0.2285		$ 0.1282						
HVIB	Business HV Demand kVA (back-up)	$ -	$ 0.0243					$ 0.1841		$ 0.0901						
HVIN	Business HV Demand kVA (negotiated service)	$ -	$ 0.0243					$ 0.2321		$ 0.1190						
VHVS658	Business HV Demand kVA (negotiated service)	$ -	$ 0.0153					$ 0.1285		$ 0.1095						
Major Business Tariff Class																
VZS	Zone Substation Annual Agreed kVA Demand (non-locational)		$ 0.0153					$ 0.1907		$ 0.0983						
VZSB	Zone Substation kVA (back-up)		$ 0.0153					$ 0.1907		$ 0.0983						
STN	Sub Transmission Annual Agreed kVA Demand (non-locational)		$ 0.0099					$ 0.1131		$ 0.0207						
STNB	Subtransmission kVA (back-up)		$ 0.0099					$ 0.1131		$ 0.0207						
	Zone Substation Annual Agreed kVA Demand (locational)															
ZSN021	ZSN021	$ 433.00	$ 0.0076					$ 0.2893		$ 0.0983						
ZSN022	ZSN022	$ 174.00	$ 0.0076					$ 0.2374		$ 0.0983						
ZSN024	ZSN024	$ 191.00	$ 0.0076					$ 0.2413		$ 0.0983						
ZSN026	ZSN026	$ -	$ -					$ -		$ -						
ZSN035	ZSN035	$ 139.00	$ 0.0076					$ 0.2887		$ 0.0983						
ZSN131	ZSN131	$ 187.00	$ 0.0076					$ 0.2370		$ 0.0983						
ZSN228	ZSN228	$ 123.00	$ 0.0222					$ 0.2555		$ 0.0983						
ZSN438	ZSN438	$ 79.00	$ 0.0076					$ 0.2420		$ 0.0983						
ZSN608	ZSN608	$ 55.00	$ 0.0076					$ 0.2423		$ 0.0983						
ZSNB230	ZSNB230 (back-up)	$ -	$ 0.0222					$ 0.0983		$ 0.0983						
	Sub Transmission Annual Agreed kVA Demand (locational)															
STN018	VSTN018	$ 1,456.00	$ 0.0022					$ 0.2104		$ 0.0207						
STN084	VSTN084	$ 1,058.00	$ 0.0022					$ 0.2032		$ 0.0207						
STN161	VSTN161	$ 208.00	$ 0.0169					$ 0.0612		$ 0.0207						
STN162	VSTN162	$ 62.00	$ 0.0167					$ 0.1670		$ 0.0207						
STN378	VSTN378	$ 437.00	$ 0.0022					$ 0.2032		$ 0.0207						
STN557	VSTN557	$ 226.00	$ 0.0167					$ 0.1220		$ 0.0207						
STN609	VSTN609	$ 3,299.00	$ 0.0022					$ 0.0207		$ 0.0207						
STN788	VSTN788	$ 314.00	$ 0.0022					$ 0.1588		$ 0.0207						
STN840	VSTN840	$ 31.00	$ 0.0169					$ 0.0612		$ 0.0207						
STNB164	VSTNB164 (back-up)	$ -	$ 0.0167					$ 0.0207		$ 0.0207						
STNB796	VSTNB796 (back-up)	$ -	$ 0.0022					$ 0.0207		$ 0.0207						

SA Power Networks' Tariffs 2016-17		Supply	Energy based usage					Annual agreed kVA demand			Monthly actual kVA demand			Monthly actual kW demand		
Final Distribution Prices Schedule comprises DUoS only excludes GST, Metering	DUoS 2016/17	Supply Rate $/day	Usage Block 1 $/kWh	Usage Block 2 $/kWh	Usage Peak $/kWh	Usage Off-Peak $/kWh	Controlled Load $/kWh	Block 1 $/kVA/day Annual	Block 2 $/kVA/day Annual	Additional $/kVA/day Annual	Summer Peak $/kVA/day 5 months	Year Shoulder $/kVA/day 12 months	Year Off-Peak $/kVA/day 12 months	Summer Peak $/kW/day 5 months	Winter Shoulder $/kW/day 7 months	Year Off-Peak $/kW/day 12 months
Tariff Class and Tariffs																
Residential Tariff Class																
RSR	Residential	$ 0.2668	$ 0.0773	$ 0.1028			$ 0.0323									
MRD	Residential Monthly Actual kW Demand (min demand 1.0 kW)		$ 0.0451				$ 0.0323							$ 0.3000	$ 0.1248	$ -
Small Business Tariff Class																
LVUU	Unmetered 12 hour (streetlights)		$ 0.0528													
LVUU24	Unmetered 24 hour		$ 0.0528													
BSR	Business Single-Rate (obsolete July 2010)	$ 0.2668	$ 0.0972	$ 0.0972			$ 0.0323									
B2R	Business Two-Rate	$ 0.2668			$ 0.1150	$ 0.0496	$ 0.0323									
SBDI	Business Monthly Actual kVA Demand		$ 0.0359								$ 0.3500	$ 0.1736	$ -			
SBDIT	Business Monthly Actual kVA Demand Transition	$ 0.1334			$ 0.0755	$ 0.0428					$ 0.1752	$ 0.0868	$ -			
SLVI	Business Annual Agreed kVA Demand (obsolete July 2016)	$ 10.2403	$ 0.0212					$ 0.2084	$ 0.1565	$ 0.1180						
BSRN	Business Single-Rate (negotiated service)	$ -	$ -	$ -												
B2RN	Business Two-Rate (negotiated service)	$ -			$ -	$ -										
Large Business LV Tariff Class (LV and >160 MWh)																
LBSR	Business Single-Rate Transition	$ 0.2668	$ 0.1166	$ 0.1166			$ 0.0323									
LB2R	Business Two-Rate Transition	$ 0.2668			$ 0.1380	$ 0.0595	$ 0.0323									
BDI	Business Monthly Actual kVA Demand		$ 0.0359								$ 0.3500	$ 0.1736	$ -			
BDIT	Business Monthly Actual kVA Demand Trans. (obs. July 2016)	$ 0.1334			$ 0.0755	$ 0.0428					$ 0.1752	$ 0.0868	$ -			
LVI	Business Annual Agreed kVA Demand	$ 10.2403	$ 0.0212					$ 0.2084	$ 0.1565	$ 0.1180						
LVSGI	Sportsgrounds Annual Agreed kVA Demand	$ 10.2403	$ 0.0212					$ 0.2084	$ 0.1565	$ 0.1180						
LVIB	Business Annual Agreed kVA Demand (back-up)	$ -	$ -					$ -	$ -	$ -						
LVIN	Business Annual Agreed kVA Demand (negotiated service)	$ -	$ -					$ -	$ -	$ -						
High Voltage Business Tariff Class																
B2R124H	High Voltage Business Two-Rate (obsolete July 2015)	$ 0.2668			$ 0.1380	$ 0.0595										
HBDI	Business Monthly Actual kVA Demand		$ 0.0359								$ 0.3500	$ 0.1736	$ -			
HV400I	HV Business Annual Agreed kVA Demand < 400 kVA	$ 10.2403	$ 0.0212					$ 0.2084		$ 0.1180						
HVI	HV Business Annual Agreed kVA Demand	$ 73.9575	$ 0.0153					$ 0.1285		$ 0.1095						
HV400IN	Business HV Demand < 400 kVA (negotiated service)	$ -	$ -					$ -		$ -						
HVIB	Business HV Demand kVA (back-up)	$ -	$ -					$ -		$ -						
HVIN	Business HV Demand kVA (negotiated service)	$ -	$ -					$ -		$ -						
VHVS658	Business HV Demand kVA (negotiated service)	$ -	$ -					$ -		$ -						
Major Business Tariff Class																
VZS	Zone Substation Annual Agreed kVA Demand (non-locational)		$ 0.0070					$ 0.0904		$ 0.0904						
VZSB	Zone Substation kVA (back-up)		$ -					$ -		$ -						
STN	Sub Transmission Annual Agreed kVA Demand (non-locational)		$ 0.0020					$ 0.0191		$ 0.0191						
STNB	Subtransmission kVA (back-up)		$ -					$ -		$ -						
	Zone Substation Annual Agreed kVA Demand (locational)															
ZSN021	ZSN021	$ -	$ 0.0070					$ 0.0904		$ 0.0904						
ZSN022	ZSN022	$ -	$ 0.0070					$ 0.0904		$ 0.0904						
ZSN024	ZSN024	$ -	$ 0.0070					$ 0.0904		$ 0.0904						
ZSN026	ZSN026	$ -	$ -					$ -		$ -						
ZSN035	ZSN035	$ -	$ 0.0070					$ 0.0904		$ 0.0904						
ZSN131	ZSN131	$ -	$ 0.0070					$ 0.0904		$ 0.0904						
ZSN228	ZSN228	$ -	$ 0.0070					$ 0.0904		$ 0.0904						
ZSN438	ZSN438	$ -	$ 0.0070					$ 0.0904		$ 0.0904						
ZSN608	ZSN608	$ -	$ 0.0070					$ 0.0904		$ 0.0904						
ZSNB230	ZSNB230 (back-up)	$ -	$ -					$ -		$ -						
	Sub Transmission Annual Agreed kVA Demand (locational)															
STN018	VSTN018	$ -	$ 0.0020					$ 0.0191		$ 0.0191						
STN084	VSTN084	$ -	$ 0.0020					$ 0.0191		$ 0.0191						
STN161	VSTN161	$ -	$ 0.0020					$ 0.0191		$ 0.0191						
STN162	VSTN162	$ -	$ 0.0020					$ 0.0191		$ 0.0191						
STN378	VSTN378	$ -	$ 0.0020					$ 0.0191		$ 0.0191						
STN557	VSTN557	$ -	$ 0.0020					$ 0.0191		$ 0.0191						
STN609	VSTN609	$ -	$ 0.0020					$ 0.0191		$ 0.0191						
STN788	VSTN788	$ -	$ 0.0020					$ 0.0191		$ 0.0191						
STN840	VSTN840	$ -	$ 0.0020					$ 0.0191		$ 0.0191						
STNB164	VSTNB164 (back-up)	$ -	$ -					$ -		$ -						
STNB796	VSTNB796 (back-up)	$ -	$ -					$ -		$ -						

SA Power Networks' Tariffs 2016-17		Supply	Energy based usage					Annual agreed kVA demand			Monthly actual kVA demand			Monthly actual kW demand		
Final Transmission Prices Schedule comprises TUOS only excludes GST, Metering	TUoS 2016/17	Supply Rate $/day	Usage Block 1 $/kWh	Usage Block 2 $/kWh	Usage Peak $/kWh	Usage Off-Peak $/kWh	Controlled Load $/kWh	Block 1 $/kVA/day Annual	Block 2 $/kVA/day Annual	Additional $/kVA/day Annual	Summer Peak $/kVA/day 5 months	Year Shoulder $/kVA/day 12 months	Year Off-Peak $/kVA/day 12 months	Summer Peak $/kW/day 5 months	Winter Shoulder $/kW/day 7 months	Year Off-Peak $/kW/day 12 months
Tariff Class and Tariffs																
Residential Tariff Class																
RSR	Residential	$ -	$ 0.0280	$ 0.0280			$ 0.0165									
MRD	Residential Monthly Actual kW Demand (min demand 1.0 kW)		$ 0.0130				$ 0.0165							$ 0.0801	$ 0.0333	$ -
Small Business Tariff Class																
LVUU	Unmetered 12 hour (streetlights)		$ 0.0113													
LVUU24	Unmetered 24 hour		$ 0.0113													
BSR	Business Single-Rate (obsolete July 2010)	$ -	$ 0.0285	$ 0.0285			$ 0.0165									
B2R	Business Two-Rate	$ -			$ 0.0334	$ 0.0172	$ 0.0165									
SBDI	Business Monthly Actual kVA Demand		$ 0.0115								$ 0.1106	$ 0.0549	$ -			
SBDIT	Business Monthly Actual kVA Demand Transition	$ -			$ 0.0225	$ 0.0144					$ 0.0553	$ 0.0276	$ -			
SLVI	Business Annual Agreed kVA Demand (obsolete July 2016)	$ -	$ 0.0077					$ 0.0924	$ 0.0924	$ -						
BSRN	Business Single-Rate (negotiated service)	$ -	$ 0.0285	$ 0.0285												
B2RN	Business Two-Rate (negotiated service)	$ -			$ 0.0334	$ 0.0172										
Large Business LV Tariff Class (LV and >160 MWh)																
LBSR	Business Single-Rate Transition	$ -	$ 0.0342	$ 0.0342			$ 0.0165									
LB2R	Business Two-Rate Transition	$ -			$ 0.0401	$ 0.0206	$ 0.0165									
BDI	Business Monthly Actual kVA Demand		$ 0.0115								$ 0.1106	$ 0.0549	$ -			
BDIT	Business Monthly Actual kVA Demand Trans. (obs. July 2016)	$ -			$ 0.0225	$ 0.0144					$ 0.0553	$ 0.0276	$ -			
LVI	Business Annual Agreed kVA Demand	$ -	$ 0.0077					$ 0.0924	$ 0.0924	$ -						
LVSGI	Sportsgrounds Annual Agreed kVA Demand	$ -	$ 0.0077					$ 0.0924	$ 0.0924	$ -						
LVIB	Business Annual Agreed kVA Demand (back-up)	$ -	$ 0.0077					$ 0.0924	$ -	$ -						
LVIN	Business Annual Agreed kVA Demand (negotiated service)	$ -	$ 0.0077					$ 0.0924	$ -	$ -						
High Voltage Business Tariff Class																
B2R124H	High Voltage Business Two-Rate (obsolete July 2015)	$ -			$ 0.0401	$ 0.0206										
HBDI	Business Monthly Actual kVA Demand		$ 0.0115								$ 0.1106	$ 0.0549	$ -			
HV400I	HV Business Annual Agreed kVA Demand < 400 kVA	$ -	$ 0.0077					$ 0.0924		$ -						
HVI	HV Business Annual Agreed kVA Demand	$ -	$ 0.0077					$ 0.0924		$ -						
HV400IN	Business HV Demand < 400 kVA (negotiated service)	$ -	$ 0.0077					$ 0.0924		$ -						
HVIB	Business HV Demand kVA (back-up)	$ -	$ 0.0077					$ 0.0924		$ -						
HVIN	Business HV Demand kVA (negotiated service)	$ -	$ 0.0077					$ 0.0924		$ -						
VHVS658	Business HV Demand kVA (negotiated service)	$ -	$ -					$ -		$ -						
Major Business Tariff Class																
VZS	Zone Substation Annual Agreed kVA Demand (non-locational)		$ 0.0077					$ 0.0924		$ -						
VZSB	Zone Substation kVA (back-up)		$ 0.0077					$ 0.0924		$ -						
STN	Sub Transmission Annual Agreed kVA Demand (non-locational)		$ 0.0077					$ 0.0924		$ -						
STNB	Subtransmission kVA (back-up)		$ 0.0077					$ 0.0924		$ -						
	Zone Substation Annual Agreed kVA Demand (locational)															
ZSN021	ZSN021	$ 433.00	$ -					$ 0.1910		$ -						
ZSN022	ZSN022	$ 174.00	$ -					$ 0.1391		$ -						
ZSN024	ZSN024	$ 191.00	$ -					$ 0.1430		$ -						
ZSN026	ZSN026	$ -	$ -					$ -		$ -						
ZSN035	ZSN035	$ 139.00	$ -					$ 0.1904		$ -						
ZSN131	ZSN131	$ 187.00	$ -					$ 0.1387		$ -						
ZSN228	ZSN228	$ 123.00	$ 0.0146					$ 0.1572		$ -						
ZSN438	ZSN438	$ 79.00	$ -					$ 0.1437		$ -						
ZSN608	ZSN608	$ 55.00	$ -					$ 0.1440		$ -						
ZSNB230	ZSNB230 (back-up)	$ -	$ 0.0146					$ -		$ -						
	Sub Transmission Annual Agreed kVA Demand (locational)															
STN018	VSTN018	$ 1,456.00	$ -					$ 0.1897		$ -						
STN084	VSTN084	$ 1,058.00	$ -					$ 0.1825		$ -						
STN161	VSTN161	$ 208.00	$ 0.0147					$ 0.0404		$ -						
STN162	VSTN162	$ 62.00	$ 0.0145					$ 0.1463		$ -						
STN378	VSTN378	$ 437.00	$ -					$ 0.1825		$ -						
STN557	VSTN557	$ 226.00	$ 0.0145					$ 0.1013		$ -						
STN609	VSTN609	$ 3,299.00	$ -					$ -		$ -						
STN788	VSTN788	$ 314.00	$ -					$ 0.1381		$ -						
STN840	VSTN840	$ 31.00	$ 0.0147					$ 0.0404		$ -						
STNB164	VSTNB164 (back-up)	$ -	$ 0.0145					$ -		$ -						
STNB796	VSTNB796 (back-up)	$ -	$ -					$ -		$ -						

SA Power Networks' Tariffs 2016-17			Supply	Energy based usage					Annual agreed kVA demand			Monthly actual kVA demand			Monthly actual kW demand		
Final JSO (PV FiT) Prices Schedule comprises PV FiT recovery only excludes GST, Metering		JSO (PV) 2016/17	Supply Rate $/day	Usage Block 1 $/kWh	Usage Block 2 $/kWh	Usage Peak $/kWh	Usage Off-Peak $/kWh	Controlled Load $/kWh	Block 1 $/kVA/day Annual	Block 2 $/kVA/day Annual	Additional $/kVA/day Annual	Summer Peak $/kVA/day 5 months	Year Shoulder $/kVA/day 12 months	Year Off-Peak $/kVA/day 12 months	Summer Peak $/kW/day 5 months	Winter Shoulder $/kW/day 7 months	Year Off-Peak $/kW/day 12 months
Tariff Class and Tariffs																	
Residential Tariff Class																	
RSR	Residential		$ 0.0344	$ 0.0122	$ 0.0162			$ 0.0051									
MRD	Residential Monthly Actual kW Demand (min demand 1.0 kW)			$ 0.0071				$ 0.0051							$ 0.0474	$ 0.0196	$ -
Small Business Tariff Class																	
LVUU	Unmetered 12 hour (streetlights)			$ 0.0046													
LVUU24	Unmetered 24 hour			$ 0.0046													
BSR	Business Single-Rate (obsolete July 2010)		$ 0.0344	$ 0.0085	$ 0.0085			$ 0.0051									
B2R	Business Two-Rate		$ 0.0344			$ 0.0100	$ 0.0043	$ 0.0051									
SBDI	Business Monthly Actual kVA Demand			$ 0.0031								$ 0.0305	$ 0.0151	$ -			
SBDIT	Business Monthly Actual kVA Demand Transition		$ 0.0172			$ 0.0066	$ 0.0037					$ 0.0152	$ 0.0076	$ -			
SLVI	Business Annual Agreed kVA Demand (obsolete July 2016)		$ 0.8936	$ 0.0018					$ 0.0181	$ 0.0138	$ 0.0102						
BSRN	Business Single-Rate (negotiated service)		$ 0.0344	$ 0.0085	$ 0.0085												
B2RN	Business Two-Rate (negotiated service)		$ 0.0344			$ 0.0100	$ 0.0043										
Large Business LV Tariff Class (LV and >160 MWh)																	
LBSR	Business Single-Rate Transition		$ 0.0344	$ 0.0102	$ 0.0102			$ 0.0051									
LB2R	Business Two-Rate Transition		$ 0.0344			$ 0.0120	$ 0.0052	$ 0.0051									
BDI	Business Monthly Actual kVA Demand			$ 0.0031								$ 0.0305	$ 0.0151	$ -			
BDIT	Business Monthly Actual kVA Demand Trans. (obs. July 2016)		$ 0.0172			$ 0.0066	$ 0.0037					$ 0.0152	$ 0.0076	$ -			
LVI	Business Annual Agreed kVA Demand		$ 0.8936	$ 0.0018					$ 0.0181	$ 0.0138	$ 0.0102						
LVSGI	Sportsgrounds Annual Agreed kVA Demand		$ 0.8936	$ 0.0018					$ 0.0181	$ 0.0138	$ 0.0102						
LVIB	Business Annual Agreed kVA Demand (back-up)		$ 0.8936	$ 0.0018					$ 0.0102	$ 0.0102	$ 0.0102						
LVIN	Business Annual Agreed kVA Demand (negotiated service)		$ 0.8936	$ 0.0018					$ 0.0181	$ 0.0138	$ 0.0102						
High Voltage Business Tariff Class																	
B2R124H	High Voltage Business Two-Rate (obsolete July 2015)		$ 0.0344			$ 0.0120	$ 0.0052										
HBDI	Business Monthly Actual kVA Demand			$ 0.0031								$ 0.0305	$ 0.0151	$ -			
HV400I	HV Business Annual Agreed kVA Demand < 400 kVA		$ 0.8936	$ 0.0018					$ 0.0181		$ 0.0102						
HVI	HV Business Annual Agreed kVA Demand		$ 6.4535	$ 0.0013					$ 0.0112		$ 0.0095						
HV400IN	Business HV Demand < 400 kVA (negotiated service)		$ 0.8936	$ 0.0018					$ 0.0181		$ 0.0102						
HVIB	Business HV Demand kVA (back-up)		$ -	$ 0.0013					$ 0.0112		$ 0.0095						
HVIN	Business HV Demand kVA (negotiated service)		$ -	$ 0.0013					$ 0.0112		$ 0.0095						
VHVS658	Business HV Demand kVA (negotiated service)		$ -	$ -					$ -		$ -						
Major Business Tariff Class																	
VZS	Zone Substation Annual Agreed kVA Demand (non-locational)			$ 0.0006					$ 0.0079		$ 0.0079						
VZSB	Zone Substation kVA (back-up)			$ 0.0006					$ 0.0079		$ 0.0079						
STN	Sub Transmission Annual Agreed kVA Demand (non-locational)			$ 0.0002					$ 0.0016		$ 0.0016						
STNB	Subtransmission kVA (back-up)			$ 0.0002					$ 0.0016		$ 0.0016						
	Zone Substation Annual Agreed kVA Demand (locational)																
ZSN021	ZSN021		$ -	$ 0.0006					$ 0.0079		$ 0.0079						
ZSN022	ZSN022		$ -	$ 0.0006					$ 0.0079		$ 0.0079						
ZSN024	ZSN024		$ -	$ 0.0006					$ 0.0079		$ 0.0079						
ZSN026	ZSN026		$ -	$ -					$ -		$ -						
ZSN035	ZSN035		$ -	$ 0.0006					$ 0.0079		$ 0.0079						
ZSN131	ZSN131		$ -	$ 0.0006					$ 0.0079		$ 0.0079						
ZSN228	ZSN228		$ -	$ 0.0006					$ 0.0079		$ 0.0079						
ZSN438	ZSN438		$ -	$ 0.0006					$ 0.0079		$ 0.0079						
ZSN608	ZSN608		$ -	$ 0.0006					$ 0.0079		$ 0.0079						
ZSNB230	ZSNB230 (back-up)		$ -	$ 0.0006					$ 0.0079		$ 0.0079						
	Sub Transmission Annual Agreed kVA Demand (locational)																
STN018	VSTN018		$ -	$ 0.0002					$ 0.0016		$ 0.0016						
STN084	VSTN084		$ -	$ 0.0002					$ 0.0016		$ 0.0016						
STN161	VSTN161		$ -	$ 0.0002					$ 0.0016		$ 0.0016						
STN162	VSTN162		$ -	$ 0.0002					$ 0.0016		$ 0.0016						
STN378	VSTN378		$ -	$ 0.0002					$ 0.0016		$ 0.0016						
STN557	VSTN557		$ -	$ 0.0002					$ 0.0016		$ 0.0016						
STN609	VSTN609		$ -	$ 0.0002					$ 0.0016		$ 0.0016						
STN788	VSTN788		$ -	$ 0.0002					$ 0.0016		$ 0.0016						
STN840	VSTN840		$ -	$ 0.0002					$ 0.0016		$ 0.0016						
STNB164	VSTNB164 (back-up)		$ -	$ 0.0002					$ 0.0016		$ 0.0016						
STNB796	VSTNB796 (back-up)		$ -	$ 0.0002					$ 0.0016		$ 0.0016						

SA Power Networks' Tariffs 2016-17		Supply	Energy based usage					Annual agreed kVA demand			Monthly actual kVA demand			Monthly actual kW demand		
Final Negotiated Service Prices comprises negotiated services only distribution element charged as negotiated service	Neg Serv 2016/17	Supply Rate $/day	Usage Block 1 $/kWh	Usage Block 2 $/kWh	Usage Peak $/kWh	Usage Off-Peak $/kWh	Controlled Load $/kWh	Block 1 $/kVA/day Annual	Block 2 $/kVA/day Annual	Additional $/kVA/day Annual	Summer Peak $/kVA/day 5 months	Year Shoulder $/kVA/day 12 months	Year Off-Peak $/kVA/day 12 months	Summer Peak $/kW/day 5 months	Winter Shoulder $/kW/day 7 months	Year Off-Peak $/kW/day 12 months
Tariff Class and Tariffs																
Residential Tariff Class																
RSR	Residential	$ -	$ -	$ -			$ -									
MRD	Residential Monthly Actual kW Demand (min demand 1.0 kW)		$ -				$ -							$ -	$ -	$ -
Small Business Tariff Class																
LVUU	Unmetered 12 hour (streetlights)		$ -													
LVUU24	Unmetered 24 hour		$ -													
BSR	Business Single-Rate (obsolete July 2010)	$ -	$ -	$ -			$ -									
B2R	Business Two-Rate	$ -			$ -	$ -	$ -									
SBDI	Business Monthly Actual kVA Demand		$ -								$ -	$ -	$ -			
SBDIT	Business Monthly Actual kVA Demand Transition	$ -			$ -	$ -					$ -	$ -	$ -			
SLVI	Business Annual Agreed kVA Demand (obsolete July 2016)	$ -	$ -					$ -	$ -	$ -						
BSRN	Business Single-Rate (negotiated service)	$ 0.2668	$ 0.0972	$ 0.0972												
B2RN	Business Two-Rate (negotiated service)	$ 0.2668			$ 0.1150	$ 0.0496										
Large Business LV Tariff Class (LV and >160 MWh)																
LBSR	Business Single-Rate Transition	$ -	$ -	$ -			$ -									
LB2R	Business Two-Rate Transition	$ -			$ -	$ -	$ -									
BDI	Business Monthly Actual kVA Demand		$ -								$ -	$ -	$ -			
BDIT	Business Monthly Actual kVA Demand Trans. (obs. July 2016)	$ -			$ -	$ -					$ -	$ -	$ -			
LVI	Business Annual Agreed kVA Demand	$ -	$ -					$ -	$ -	$ -						
LVSGI	Sportsgrounds Annual Agreed kVA Demand	$ -	$ -					$ -	$ -	$ -						
LVIB	Business Annual Agreed kVA Demand (back-up)	$ 10.2403	$ 0.0212					$ 0.1180	$ 0.1180	$ 0.1180						
LVIN	Business Annual Agreed kVA Demand (negotiated service)	$ 10.2403	$ 0.0212					$ 0.2084	$ 0.1565	$ 0.1180						
High Voltage Business Tariff Class																
B2R124H	High Voltage Business Two-Rate (obsolete July 2015)	$ -			$ -	$ -										
HBDI	Business Monthly Actual kVA Demand		$ -								$ -	$ -	$ -			
HV400I	HV Business Annual Agreed kVA Demand < 400 kVA	$ -	$ -					$ -		$ -						
HVI	HV Business Annual Agreed kVA Demand	$ -	$ -					$ -		$ -						
HV400IN	Business HV Demand < 400 kVA (negotiated service)	$ 10.2403	$ 0.0212					$ 0.1180		$ 0.1180						
HVIB	Business HV Demand kVA (back-up)	$ -	$ 0.0153					$ 0.0805		$ 0.0805						
HVIN	Business HV Demand kVA (negotiated service)	$ -	$ 0.0153					$ 0.1285		$ 0.1095						
VHVS658	Business HV Demand kVA (negotiated service)	$ -	$ 0.0153					$ 0.1285		$ 0.1095						
Major Business Tariff Class																
VZS	Zone Substation Annual Agreed kVA Demand (non-locational)		$ -					$ -		$ -						
VZSB	Zone Substation kVA (back-up)		$ 0.0070					$ 0.0904		$ 0.0904						
STN	Sub Transmission Annual Agreed kVA Demand (non-locational)		$ -					$ -		$ -						
STNB	Subtransmission kVA (back-up)		$ 0.0020					$ 0.0191		$ 0.0191						
	Zone Substation Annual Agreed kVA Demand (locational)															
ZSN021	ZSN021	$ -	$ -					$ -		$ -						
ZSN022	ZSN022	$ -	$ -					$ -		$ -						
ZSN024	ZSN024	$ -	$ -					$ -		$ -						
ZSN026	ZSN026	$ -	$ -					$ -		$ -						
ZSN035	ZSN035	$ -	$ -					$ -		$ -						
ZSN131	ZSN131	$ -	$ -					$ -		$ -						
ZSN228	ZSN228	$ -	$ -					$ -		$ -						
ZSN438	ZSN438	$ -	$ -					$ -		$ -						
ZSN608	ZSN608	$ -	$ -					$ -		$ -						
ZSNB230	ZSNB230 (back-up)	$ -	$ 0.0070					$ 0.0904		$ 0.0904						
	Sub Transmission Annual Agreed kVA Demand (locational)															
STN018	VSTN018	$ -	$ -					$ -		$ -						
STN084	VSTN084	$ -	$ -					$ -		$ -						
STN161	VSTN161	$ -	$ -					$ -		$ -						
STN162	VSTN162	$ -	$ -					$ -		$ -						
STN378	VSTN378	$ -	$ -					$ -		$ -						
STN557	VSTN557	$ -	$ -					$ -		$ -						
STN609	VSTN609	$ -	$ -					$ -		$ -						
STN788	VSTN788	$ -	$ -					$ -		$ -						
STN840	VSTN840	$ -	$ -					$ -		$ -						
STNB164	VSTNB164 (back-up)	$ -	$ 0.0020					$ 0.0191		$ 0.0191						
STNB796	VSTNB796 (back-up)	$ -	$ 0.0020					$ 0.0191		$ 0.0191						

Appendix A – NUoS Tariffs and explanatory notes

Notes accompanying 2016/17 Tariffs

Notes:

1. Network tariffs are determined on a GST exclusive basis. GST is added to the distribution tariffs.

2. SA Power Networks must assign each Distribution Network User to a distribution tariff in respect of each of its connection points in accordance with the following principles.

   Use of Cost-Reflective Tariffs (demand based)

   i. A Distribution Network User that connected to or altered the supply arrangements with the Distribution Network from 1 July 2010 and requiring more than 100 amps (70 kVA) supply must be assigned to a distribution network tariff that includes a demand component in respect of that connection point.

   ii. A Distribution Network User connected to the Distribution Network that has a maximum demand of 250 kVA or more in respect of a connection point, must be assigned to a distribution tariff that includes a demand component in respect of that connection point.

   iii. From 1 July 2015, a Distribution Network User connected to the Distribution Network that would qualify as a large customer (annual usage of 160 MWh or more) must be assigned to a distribution network tariff that includes a demand component in respect of that connection point. If the customer has a Type 6 meter, then a transition business single-rate or transition business 2-rate tariff must be used until a Type 1-5 meter is installed.

   iv. A new Distribution Network User connecting or an existing Distribution Network User altering the supply arrangements to the Distribution Network from 1 July 2015 and requiring multi-phase supply must be assigned to a distribution network tariff that includes a demand component in respect of that connection point. A Type 1-5 meter is required at such sites. Customers should note that where they choose to have a Type 1-4 meter, they have the right to exercise choice regarding their metering service provider. Installation of a Type 1-5 meter by itself is not an alteration to supply, but installation of an inverter, eg for Solar PV Equipment or Battery Storage, is an alteration to supply.

   Specific Tariff Requirements

   a. A Sub-Transmission (kVA) Demand customer is a Distribution Network User taking supply at 66 kV, or at 33 kV outside of the Adelaide Metropolitan area. A minimum anytime maximum demand of 5 MVA applies to the agreed demand tariff. A NEM compliant Type 1-4 interval meter is required with the ability to measure both active and reactive power. Customers should note that they have the right to exercise choice regarding their Type 1-4 meter metering service provider. Customers using more than 10 MW and/or 40 GWh pa

are required to have a locationally determined transmission price. These tariffs are invoiced monthly, with the annual demand charge levied on a 'pre day' basis.

b. A Zone Substation (kVA) Demand customer is a Distribution Network User taking supply generally at 11kV from the low voltage transformer terminals. Supply may also be taken at lower voltages that exceed 1 kV. A minimum anytime maximum demand of 5 MVA applies to the agreed demand tariff. A NEM compliant Type 1-4 interval meter is required with the ability to measure both active and reactive power. Customers should note that they have the right to exercise choice regarding their Type 1-4 meter metering service provider. Customers using more than 10 MW and/or 40 GWh pa are required to have a locationally determined transmission price. These tariffs are invoiced monthly, with the annual demand charge levied on a 'pre day' basis.

c. A High Voltage (kVA) Demand customer is a Distribution Network User taking supply generally at 11 kV. Supply may also be taken at lower voltages that exceed 1 kV or at 33 kV in metropolitan Adelaide.. A NEM compliant Type 1-4 interval meter is required with the ability to measure both active and reactive power. Customers should note that they have the right to exercise choice regarding their Type 1-4 meter metering service provider. The customer may elect to use the HV agreed demand tariff, the HV actual demand tariff or the HV <400 kVA agreed demand tariff. These tariffs are invoiced monthly, with the annual demand charge levied on a 'pre day' basis.

d. A High Voltage Sports Ground (kVA) Demand customer is a Distribution Network User taking supply generally at 11 kV that utilises a significant quantity of sportsground floodlighting. Supply may also be taken at lower voltages that exceed 1 kV or at 33 kV in metropolitan Adelaide. The time periods when the demand is measured are set out in 4 (c) below. A NEM compliant Type 1-4 interval meter is required with the ability to measure both active and reactive power. Customers should note that they have the right to exercise choice regarding their Type 1-4 meter metering service provider. The customer may elect to use the tariff options available under 4 (g) above. These tariffs are invoiced monthly, with the annual demand charge levied on a 'pre day' basis.

e. A Low Voltage (kVA) Demand customer is a Distribution Network User generally taking supply at less than 1 kV and generally from the low voltage distribution transformer terminals.. A NEM compliant Type 1-5 interval meter is required with the ability to measure both active and reactive power. The customer may elect to use the LV agreed demand tariff, the LV actual demand tariff or, if SA Power networks has assigned the customer to it, the LV transition actual demand tariff. These tariffs are typically invoiced monthly. Customers with Type 5 meters using the actual demand tariff options may elect to use quarterly billing. Customers should note that where they choose to have a Type 1-4 meter, they have the right to exercise choice regarding their metering service provider. The actual demand is levied on a 'per day' basis rather than a 'per month' basis, but the actual demand is always measured as the maximum since the previous meter reading (for Type 1-4 meters, a calendar month read is assumed). Note that the LV Agreed demand Charge is no longer an optional tariff for small customers from July 2016, although existing small customers using the tariff at June 2016 can continue to do so. A small business customer required to use these tariffs under clause 2 (iv) can choose to use the transition actual demand tariff.

f. A Low Voltage Sports Ground (kVA) Agreed Demand customer is a Distribution Network User generally taking supply generally at less than 1 kV with a kVA demand and generally from the low voltage distribution transformer terminals that utilises a significant quantity of sportsground floodlighting. The time periods when the demand is measured are set out in 4 (c) below. A NEM compliant Type 1-5 interval meter is required with the ability to measure both active and reactive power. Customers should note that where they choose to have a Type 1-4 meter, they have the right to exercise choice regarding their metering service provider. The customer may elect to use the tariff options available under 4 (i) above. These tariffs are invoiced monthly, with the annual demand charge levied on a 'pre day' basis.

g. A Low Voltage Business 2 rate customer is a Distribution Network User that is not a residential customer generally taking supply at less than 1 kV and using peak and off-peak network charges. The User utilises a Type 1-6 NEM compliant meter. Where a Type 1-5 meter is utilised, the meter must have the ability to measure both active and reactive power. Peak consumption is charged at a flat rate as is Off Peak consumption. Customers should note that where they choose to have a Type 1-4 meter, they have the right to exercise choice regarding their metering service provider. This tariff is not available to Distribution Network Users required to use a demand based tariff (see 2 (a) to 2 (d)) although a separate transition business 2-rate tariff is available for large customers with Type 6 metering. This tariff is invoiced monthly or quarterly.

h. A Low Voltage Business single rate customer is a Distribution Network User that is not a residential customer generally taking supply at less than 1 kV. Consumption was charged at two blocks of consumption, but these two blocks now have the same price, as detailed in the Tariff Schedule. The tariff will become a single block over 2016/17. The User utilises a Type 1-6 NEM compliant meter. Where a Type 1-5 meter is utilised, the meter must have the ability to measure both active and reactive power. Customers should note that where they choose to have a Type 1-4 meter, they have the right to exercise choice regarding their metering service provider. This tariff is available only to Distribution Network Users that were taking supply under this tariff as at 30 June 2010 and where the customer's supply arrangements have not altered. This tariff is not available to Distribution Network Users required to use a demand based tariff (see 2 (a) to 2 (d)) although a separate transition business single-rate tariff is available for large customers with Type 6 metering. This tariff is invoiced monthly or quarterly.

i. A Low Voltage Residential single rate customer is a Distribution Network User that is a residential customer taking supply at less than 1 kV. Consumption is charged at two blocks of consumption and is detailed in the Tariff Schedule. The User utilises a Type 1-6 NEM compliant meter. Where a Type 1-5 meter is utilised, the meter must have the ability to measure both active and reactive power. Customers should note that where they choose to have a Type 1-4 meter, they have the right to exercise choice regarding their metering service provider. This tariff is invoiced monthly or quarterly.

j. A Low Voltage Residential monthly demand customer is a Distribution Network User that is a residential customer taking supply at less than 1 kV. Consumption is charged at a flat rate. A charge also applies for the maximum demand each month with different prices applying in the peak summer months (November to March) and the shoulder winter

months (April to October), as detailed in the Tariff Schedule. The time period when the monthly peak demand is measured is between 1600 and 2100 local SA time. The User utilises a Type 1-5 NEM compliant meter read monthly. Customers with Type 5 meters using the actual demand tariff options may elect to use quarterly billing. Customers should note that where they choose to have a Type 1-4 meter, they have the right to exercise choice regarding their metering service provider. The actual demand is levied on a 'per day' basis rather than a 'per month' basis, but the actual demand is always measured as the maximum since the previous meter reading (for Type 1-4 meters, a calendar month read is assumed). Note that this is an optional tariff and is invoiced either monthly or quarterly. A customer may elect to switch to another tariff after 12 months on this tariff.

k. A Low Voltage Controlled Load is used by a Distribution Network User for permanently installed storage water heaters with a rated delivery of not less than 125 litres, storage space heaters and other approved applications involving a time switch and separate metering where the timing has been set in accordance with SA Power Networks' requirements regarding the timing of loads. Hard-wired electric vehicle chargers not exceeding 25 amps are also an approved application. Consumption is charged at a flat rate. This tariff is available only to Distribution Network Users that were taking supply under the Controlled Load tariff as at 30 June 2003, or are utilising a business single or residential tariff at the NMI in conjunction with the controlled load. This tariff is invoiced at the same frequency as other tariffs used by the Distribution Network User at that NMI. Customers may apply to SA Power Networks and pay a fee to have the time switches amended to include use under this tariff during 1000 and 1500 Central Standard Time.

l. Unmetered Overnight Usage supply is defined as overnight use by a Distribution Network User for public lighting. These tariffs are generally invoiced monthly, unless otherwise agreed by SA Power Networks.

m. Unmetered 24 Hour Usage supply is defined as constant 24 hour per day use by a Distribution Network User, typically public phones, traffic lights and telecommunications installations. These tariffs are generally invoiced monthly, unless otherwise agreed by SA Power Networks.

3. The supply and demand charges are levied and billed to Distribution Network Users periodically on a pro-rata basis.

4. Agreed Demand charges for business customers are determined on the basis of the maximum half-hour trading interval for::

   a. Agreed Maximum Demand (Annual Peak Demand) on workdays between 1200 and 2100 CDST during November to March only;

   b. Agreed additional maximum demand (Additional Demand), as the difference between the customer's anytime maximum demand and the agreed maximum demand;

   c. For business customers on the Sports Ground demand kVA tariff, the Agreed Peak Demand shall be determined on work days between 1200 and 1900 CDST during December to February only. Additional Demand shall be determined using all other times of the year.

5. Actual Demand charges for business customers are determined on the basis of the maximum half-hour trading interval since the last meter read (Type 1-4 meters are assumed to be read each calendar month) for:

    a. Summer Peak Demand on work days between 1600 and 2100 CDST during November to March only;

    b. Year-round Shoulder Demand on work days between 1200 and 1600 CST or (when operating) CDST);

    c. Off-peak Demand at all other times (the price is zero for actual off-peak demand).

6. Actual Demand charges for residential customers are determined on the basis of the maximum half-hour trading interval since the last meter read (Type 1-4 meters are assumed to be read each calendar month) for:

    a. Summer Peak Demand on all days between 1600 and 2100 CDST during November to March only;

    b. Winter Shoulder Demand on all days between 1600 and 2100 CST or (when operating) CDST);

    c. Off-peak Demand at all other times (the price is zero for actual off-peak demand).

6. Peak energy is energy consumed on business days between the hours of 0700 and 2100 Central Standard Time. Type 6 meters typically measure this for week days whereas Type 1-5 meters will measure this in on work days. For Distribution Network Users with Type 6 metering that does not recognize specific days, peak energy is energy consumed on each day between the hours of 0700 and 2100 (Central Standard Time).

7. Off-peak energy is energy consumed other than peak energy.8. For monthly energy blocks still in use in 2015/16,

    a. 333.3 kWh/mth approximates 4,000 kWh per annum (residential tariffs); and

    b. 833.3 kWh/mth approximates 10,000 kWh per annum (business single-rate tariffs).

9. The Alternative Control metering charges have been included in the tariff schedule. Specific charges are made for each customer according to the type of meter used and whether capital and/or non-capital charges apply. Customers should note that where they choose to have a Type 1-4 meter, they have the right to exercise choice regarding their metering service provider.

In previous years, we have bundled the alternative control metering charges in with the standard control tariffs. In 2015/16 and 2016/17, the metering charges are unbundled.

If a customer is using another meter provider's meter, then the non-capital charges will not apply. If that customer was using a regulated meter at 30 June 2015 then the capital charges still apply. If that customer was not using a regulated meter at 30 June 2015 then the capital charges will not apply.

For customers who connect to SA Power Networks from 1 July 2015 and elect to use an SA Power network's type 5,6 meter, an ongoing non-capital charge will apply as well as the upfront capital payment (see tariff schedule). Customers should note that where they choose to have a Type 1-4 meter, they have the right to exercise choice regarding their metering service provider.

Capital charges continue to apply to customers using Type 5,6 WC and CT meters and to Type 1-4 Exceptional meters where customers elect to switch to another meter type and/or meter provider from 1 July 2015. Under the AER's Final Decision these charges continue to June 2020.

10. The Agreed Demand Tariffs have previously been specified in this tariff schedule as having the agreed kVA demand amount applied on a per month basis. These tariffs are applied on a per day basis, so the charge shown in this year's tariff schedule comprises the amount determined by allowing for 12 months and 365 days in the year, ie the daily amount will be 12 / 366 times the monthly amount.

SA Power Networks Network Tariffs - Alternative Control Metering Services

APPLIES TO USAGE FROM 1 JULY 2016

Upfront capital charges for metering 2015/16 (excludes GST)

2015/16 prices	Type 5	Type 6
Single element meter	$195.74	$111.65
Two element meter	$281.17	$281.15
Three phase meter	$482.42	$331.81

Annual Metering Charges on a per day basis (excludes GST) $/day

Metering Traiff	Non-capital only	Capital Only	Non-Capital and Capital	No Metering Charge
Type 1-4 'Exceptional' remotely read	$0.5073	$0.5913	$1.0986	$0.0000
Type 5-6 CT connected manually read	$0.2761	$0.3219	$0.5980	$0.0000
Type 5-6 WC manually read	$0.0337	$0.0393	$0.0730	$0.0000

For all other relevant fees, refer to the SA Power Networks' Tariff Manual