

# **Attachment 2 – 2019-24 TSS**

## **Indicative ancillary network services**

**April 2018**

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## ANS Pricing Summary

### Proposed Ancillary Network Services Prices 2019-24

These fees are in \$2018/19 excluding GST and will have CPI applied to them each year.

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
1.1 Design Information	Underground Urban Residential Subdivision (Vacant Lots) - Up to 5 Lots	Per Job	Fee	\$535.75	\$535.75	\$541.64	\$554.17	\$572.89
	Underground Urban Residential Subdivision (Vacant Lots) - 6 to 10 Lots	Per Job	Fee	\$714.33	\$714.33	\$722.19	\$738.90	\$763.85
	Underground Urban Residential Subdivision (Vacant Lots) - 11 to 40 Lots	Per Job	Fee	\$1,250.08	\$1,250.08	\$1,263.84	\$1,293.07	\$1,336.74
	Underground Urban Residential Subdivision (Vacant Lots) - Over 40 Lots	Per Job	Fee	\$1,607.25	\$1,607.25	\$1,624.93	\$1,662.52	\$1,718.67
	Rural Overhead Subdivisions and Rural Extensions - All	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Underground Commercial and Industrial or Rural Subdivisions (Vacant Lots) - All	Per Lot	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Commercial / Industrial Developments and Sub Transmission - All	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Asset Relocations or Streetlighting (Not forming part of other categories) - All	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
1.2 Design Certification	Underground Urban Residential Subdivision (Vacant Lots) - Up to 5 Lots	Per Job	Fee	\$357.17	\$357.17	\$361.10	\$369.45	\$381.93
	Underground Urban Residential Subdivision (Vacant Lots) - 6 to 10 Lots	Per Job	Fee	\$535.75	\$535.75	\$541.64	\$554.17	\$572.89
	Underground Urban Residential Subdivision (Vacant Lots) - 11 to 40 Lots	Per Job	Fee	\$892.92	\$892.92	\$902.74	\$923.62	\$954.81
	Underground Urban Residential Subdivision (Vacant Lots) - Over 40 Lots	Per Job	Fee	\$1,071.50	\$1,071.50	\$1,083.29	\$1,108.35	\$1,145.78
	Rural Overhead Subdivisions and Rural Extensions - Up to 5 Poles	Per Job	Fee	\$357.17	\$357.17	\$361.10	\$369.45	\$381.93
	Rural Overhead Subdivisions and Rural Extensions - 6 to 10 Poles	Per Job	Fee	\$535.75	\$535.75	\$541.64	\$554.17	\$572.89
	Rural Overhead Subdivisions and Rural Extensions - 11 or More Poles	Per Job	Fee	\$892.92	\$892.92	\$902.74	\$923.62	\$954.81
	Underground Commercial and Industrial or Rural Subdivisions (Vacant Lots) - Up to 10 Lots	Per Job	Fee	\$535.75	\$535.75	\$541.64	\$554.17	\$572.89
	Underground Commercial and Industrial or Rural Subdivisions (Vacant Lots) - 11 to 40 Lots	Per Job	Fee	\$714.33	\$714.33	\$722.19	\$738.90	\$763.85
	Underground Commercial and Industrial or Rural Subdivisions (Vacant Lots) - Over 40 Lots	Per Job	Fee	\$1,071.50	\$1,071.50	\$1,083.29	\$1,108.35	\$1,145.78
	Commercial / Industrial Developments and Sub Transmission - All	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Asset Relocations or Streetlighting (Not forming part of other categories) - All	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
1.3 Design Re-checking	Underground Urban Residential Subdivision (Vacant Lots) - All	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Rural Overhead Subdivisions and Rural Extensions - All	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Underground Commercial and Industrial or Rural Subdivisions (Vacant Lots) - All	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Commercial / Industrial Developments and Sub Transmission - All	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Asset Relocations or Streetlighting (Not forming part of other categories) - All	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
1.4 Design Re-certification (NEW)	Underground Urban Residential Subdivision (Vacant Lots) - All	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Rural Overhead Subdivisions and Rural Extensions - All	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Underground Commercial and Industrial or Rural Subdivisions (Vacant Lots) - All	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Commercial / Industrial Developments and Sub Transmission - All	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Asset Relocations or Streetlighting (Not forming part of other categories) - All	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
1.5 Administration (maximum 6 hours)	Underground Urban Residential Subdivision (Vacant Lots) - Up to 5 Lots	Per Job	Fee	\$510.13	\$510.13	\$515.74	\$527.67	\$545.49
	Underground Urban Residential Subdivision (Vacant Lots) - 6 to 10 Lots	Per Job	Fee	\$637.66	\$637.66	\$644.67	\$659.59	\$681.86
	Underground Urban Residential Subdivision (Vacant Lots) - 11 to 40 Lots	Per Job	Fee	\$892.72	\$892.72	\$902.54	\$923.42	\$954.61
	Underground Urban Residential Subdivision (Vacant Lots) - Over 40 Lots	Per Job	Fee	\$1,020.25	\$1,020.25	\$1,031.48	\$1,055.34	\$1,090.98
	Rural Overhead Subdivisions and Rural Extensions - Up to 5 Poles	Per Job	Fee	\$510.13	\$510.13	\$515.74	\$527.67	\$545.49
	Rural Overhead Subdivisions and Rural Extensions - 6 to 10 Poles	Per Job	Fee	\$637.66	\$637.66	\$644.67	\$659.59	\$681.86
	Rural Overhead Subdivisions and Rural Extensions - 11 or More Poles	Per Job	Fee	\$1,147.79	\$1,147.79	\$1,160.41	\$1,187.25	\$1,227.35
	Underground Commercial and Industrial or Rural Subdivisions (Vacant Lots) - All	Per Job	Hourly Rate	\$127.53	\$127.53	\$128.93	\$131.92	\$136.37
	Commercial / Industrial Developments and Sub Transmission - All	Per Job	Hourly Rate	\$127.53	\$127.53	\$128.93	\$131.92	\$136.37
	Asset Relocations or Streetlighting (Not forming part of other categories) - All	Per Job	Hourly Rate	\$127.53	\$127.53	\$128.93	\$131.92	\$136.37

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
1.6 Non - Standard Design Approval (NEW)	Underground Urban Residential Subdivision (Vacant Lots) - All	Per Job	Hourly rate	\$239.25	\$239.25	\$241.51	\$246.30	\$253.47
	Rural Overhead Subdivisions and Rural Extensions - All	Per Job	Hourly Rate	\$239.25	\$239.25	\$241.51	\$246.30	\$253.47
	Underground Commercial and Industrial or Rural Subdivisions (Vacant Lots) - All	Per Job	Hourly Rate	\$239.25	\$239.25	\$241.51	\$246.30	\$253.47
	Commercial / Industrial Developments and Sub Transmission - All	Per Job	Hourly Rate	\$239.25	\$239.25	\$241.51	\$246.30	\$253.47
	Asset Relocations or Streetlighting (Not forming part of other categories) - All	Per Job	Hourly Rate	\$239.25	\$239.25	\$241.51	\$246.30	\$253.47
2.1 Connections Customer Interface co-ordination	Customer Interface co-ordination for contestable works - Basic	Per Job	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
	Customer Interface co-ordination for contestable works - Complex	Per Job	Hourly Rate	\$239.25	\$239.25	\$241.51	\$246.30	\$253.47
2.2 Preliminary Enquiry Service	Preliminary Enquiry Service - Basic	Per Enquiry	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
	Preliminary Enquiry Service - Complex	Per Enquiry	Hourly Rate	\$239.25	\$239.25	\$241.51	\$246.30	\$253.47
2.3 Connection / relocation process facilitation	Connection / relocation process facilitation - All	Per Hour	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
2.4 Connection Offer Service	Connection Offer Service - Basic	Per Offer	Fee	\$31.88	\$31.88	\$32.23	\$32.98	\$34.09
	Connection Offer Service - Standard	Per Offer	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
2.5 Planning, Protection and Power Quality Studies	Planning / Protection Studies and Analysis	Per Job	Hourly Rate	\$239.25	\$239.25	\$241.51	\$246.30	\$253.47
	Power Quality Studies and Analysis (NEW)	Per Job	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
2.6 Additional Services Requested by ASP / Connection Applicant (NEW)	Additional Services Requested by ASP / Connection Applicant	Per Hour	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
2.7 Data Gathering Fee - Failure to Provide Documentation (NEW)	Data Gathering Fee - Failure to Provide Documentation	Per Job	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
2.8 Pioneer Scheme Administration (NEW)	Pioneer Scheme Establishment	Per Job	Fee	\$127.53	\$127.53	\$128.93	\$131.92	\$136.37
	Pioneer Scheme - New Connection	Per Job	Fee	\$127.53	\$127.53	\$128.93	\$131.92	\$136.37



Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
3.1 Substation Commissioning	Underground Urban Residential Subdivision (Vacant Lots) - All (NT)	Per Substation	Fee	\$1,734.78	\$1,734.78	\$1,750.86	\$1,785.05	\$1,836.11
	Underground Urban Residential Subdivision (Vacant Lots) - All (OT)	Per Substation	Fee	\$2,635.52	\$2,635.52	\$2,661.50	\$2,716.75	\$2,799.29
	Rural Overhead Subdivisions and Rural Extensions - All (NT)	Per Substation	Fee	\$1,734.78	\$1,734.78	\$1,750.86	\$1,785.05	\$1,836.11
	Rural Overhead Subdivisions and Rural Extensions - All (OT)	Per Substation	Fee	\$2,635.52	\$2,635.52	\$2,661.50	\$2,716.75	\$2,799.29
	Underground Commercial and Industrial or Rural Subdivisions (Vacant Lots) - All (NT)	Per Substation	Fee	\$1,734.78	\$1,734.78	\$1,750.86	\$1,785.05	\$1,836.11
	Underground Commercial and Industrial or Rural Subdivisions (Vacant Lots) - All (OT)	Per Substation	Fee	\$2,635.52	\$2,635.52	\$2,661.50	\$2,716.75	\$2,799.29
	Commercial / Industrial Developments and Sub Transmission - All (NT)	Per Substation	Fee	\$1,734.78	\$1,734.78	\$1,750.86	\$1,785.05	\$1,836.11
	Commercial / Industrial Developments and Sub Transmission - All (OT)	Per Substation	Fee	\$2,635.52	\$2,635.52	\$2,661.50	\$2,716.75	\$2,799.29
	Asset Relocations or Streetlighting (Not forming part of other categories) - All (NT)	Per Substation	Fee	\$1,734.78	\$1,734.78	\$1,750.86	\$1,785.05	\$1,836.11
	Asset Relocations or Streetlighting (Not forming part of other categories) - All (OT)	Per Substation	Fee	\$2,635.52	\$2,635.52	\$2,661.50	\$2,716.75	\$2,799.29

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
3.2 Testing & Commissioning of Streetlights / Mains / Cables / UG Pillars (NEW)	Underground / Overhead Streetlights (NT)	Per S/L	Fee	\$86.10	\$86.10	\$86.86	\$88.48	\$90.89
	Underground / Overhead Streetlights (OT)	Per S/L	Fee	\$142.40	\$142.40	\$143.78	\$146.71	\$151.08
	Underground / Overhead Distribution Mains (NT)	Per Job	Fee	\$2,117.40	\$2,117.40	\$2,137.32	\$2,179.65	\$2,242.89
	Underground / Overhead Distribution Mains (OT)	Per Job	Fee	\$3,130.73	\$3,130.73	\$3,161.79	\$3,227.82	\$3,326.46
	Underground Pillar / Pits (NT)	Per Pit / Pillar	Fee	\$86.10	\$86.10	\$86.86	\$88.48	\$90.89
	Underground Pillar / Pits (OT)	Per Pit / Pillar	Fee	\$142.40	\$142.40	\$143.78	\$146.71	\$151.08
	Underground Cable Test (NT)	Per Job	Fee	\$749.08	\$749.08	\$755.69	\$769.73	\$790.72
	Underground Cable Test (OT)	Per Job	Fee	\$1,238.85	\$1,238.85	\$1,250.85	\$1,276.35	\$1,314.44
3.3 Redundant Material Coordination (NEW)	Redundant Material Co-ordination	Per Occasion	Fee	\$63.77	\$63.77	\$64.47	\$65.96	\$68.19

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
3.4 Commissioning – Other Network Equipment (NEW)	Recloser (NT)	Per Recloser	Fee	\$2,704.93	\$2,704.93	\$2,732.43	\$2,790.90	\$2,878.24
	Recloser (OT)	Per Recloser	Fee	\$3,433.04	\$3,433.04	\$3,468.55	\$3,544.05	\$3,656.82
	Regulator (NT)	Per Regulator Site	Fee	\$3,096.22	\$3,096.22	\$3,127.65	\$3,194.47	\$3,294.29
	Regulator (OT)	Per Regulator Site	Fee	\$3,969.95	\$3,969.95	\$4,011.00	\$4,098.25	\$4,228.59
	Smart Switch (NT)	Per Switch	Fee	\$1,008.95	\$1,008.95	\$1,018.77	\$1,039.65	\$1,070.84
	Smart Switch (OT)	Per Switch	Fee	\$1,431.25	\$1,431.25	\$1,445.72	\$1,476.48	\$1,522.42
	Other – Specialised Equipment (NT)	Per Job	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
	Other – Specialised Equipment (OT)	Per Job	Hourly Rate	\$358.33	\$358.33	\$361.90	\$369.48	\$380.81

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
4.1 Access Permits	Underground Urban Residential Subdivision (Vacant Lots) - All (NT)	Per Job	Fee	\$2,895.50	\$2,895.50	\$2,922.47	\$2,979.82	\$3,065.47
	Underground Urban Residential Subdivision (Vacant Lots) - All (OT)	Per Job	Fee	\$4,021.42	\$4,021.42	\$4,060.77	\$4,144.45	\$4,269.43
	Rural Overhead Subdivisions and Rural Extensions - All (NT)	Per Job	Fee	\$2,895.50	\$2,895.50	\$2,922.47	\$2,979.82	\$3,065.47
	Rural Overhead Subdivisions and Rural Extensions - All (OT)	Per Job	Fee	\$4,021.42	\$4,021.42	\$4,060.77	\$4,144.45	\$4,269.43
	Underground Commercial and Industrial or Rural Subdivisions (Vacant Lots) - All (NT)	Per Job	Fee	\$2,895.50	\$2,895.50	\$2,922.47	\$2,979.82	\$3,065.47
	Underground Commercial and Industrial or Rural Subdivisions (Vacant Lots) - All (OT)	Per Job	Fee	\$4,021.42	\$4,021.42	\$4,060.77	\$4,144.45	\$4,269.43
	Commercial / Industrial Developments and Sub Transmission - All (NT)	Per Job	Fee	\$2,895.50	\$2,895.50	\$2,922.47	\$2,979.82	\$3,065.47
	Commercial / Industrial Developments and Sub Transmission - All (OT)	Per Job	Fee	\$4,021.42	\$4,021.42	\$4,060.77	\$4,144.45	\$4,269.43
	Asset Relocations or Streetlighting (Not forming part of other categories) - All (NT)	Per Job	Fee	\$2,895.50	\$2,895.50	\$2,922.47	\$2,979.82	\$3,065.47
	Asset Relocations or Streetlighting (Not forming part of other categories) - All (OT)	Per Job	Fee	\$4,021.42	\$4,021.42	\$4,060.77	\$4,144.45	\$4,269.43
	Access Permit Rescheduled (Outage Cancellation) - All		Fee	\$714.31	\$714.31	\$721.04	\$735.35	\$756.73
4.2 Access to Network Assets (Standby)	Access to Network Assets (Standby)	Per Job	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
4.3 Sale of Approved Materials / Equipment to ASPs (NEW)	Sale of Approved Materials / Equipment to ASP	Per Order	Fee	26.86%	26.86%	26.86%	26.86%	26.86%
	For these jobs, materials & other costs are charged at purchase price + percentage							
4.4 Services to supply and connect temporary supply to one or more customers	Connect & disconnect MG to OH/UG mains, switchboard or kiosk (NT)	Per Job	Fee	\$2,340.68	\$2,340.68	\$2,362.30	\$2,408.26	\$2,476.92
	Connect & disconnect MG to OH/UG mains, switchboard or kiosk (OT)	Per Job	Fee	\$3,128.82	\$3,128.82	\$3,159.11	\$3,223.50	\$3,319.69
	Install & remove HV LL Links or bonds (NT)	Per Job	Fee	\$3,542.91	\$3,542.91	\$3,574.93	\$3,643.03	\$3,744.74
	Install & remove HV LL Links or bonds (OT)	Per Job	Fee	\$5,288.07	\$5,288.07	\$5,339.30	\$5,448.20	\$5,610.88
	Break & remake LV bonds (NT)	Per Job	Fee	\$2,940.20	\$2,940.20	\$2,966.91	\$3,023.70	\$3,108.53
	Break & remake LV bonds (OT)	Per Job	Fee	\$4,403.89	\$4,403.89	\$4,446.70	\$4,537.72	\$4,673.68
	Generator Hire - Invoice cost + percentage	Per Job	Fee	55.89%	55.89%	55.89%	55.89%	55.89%

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
4.5 Rectification of contestable work (ASP Installed) (NEW)	Admin	Per Job	Hourly Rate	\$127.53	\$127.53	\$128.93	\$131.92	\$136.37
	Para Legal	Per Job	Hourly Rate	\$174.24	\$174.24	\$176.16	\$180.23	\$186.32
	Field Worker	Per Job	Hourly Rate	\$172.20	\$172.20	\$173.72	\$176.95	\$181.77
	Indoor Technical Officer	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Outdoor Technical Officer	Per Job	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
	Engineer / Professional	Per Item	Hourly rate	\$239.25	\$239.25	\$241.51	\$246.30	\$253.47
	Materials	Per Job	Fee	71.96%	71.96%	71.96%	71.96%	71.96%
	Contractor	Per Job	Fee	55.89%	55.89%	55.89%	55.89%	55.89%
	For these jobs, materials & other contractor costs are charged at purchase price / contractor costs + percentage							
5.1 Notice of Arrangement	Notice of Arrangement	Per Job	Fee	\$418.76	\$418.76	\$423.37	\$433.16	\$447.79
5.2 Request for Early Notice of Arrangement (NEW)	Request for Early Notice of Arrangement	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
5.3 Completion Notice - Other than Notice of Arrangement (NEW)	Completion Notice - Other than Notice of Arrangement	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
6.1 Conveyancing Information	Supply of conveyancing information - Per Desk Inquiry	Per Enquiry	Fee	\$63.77	\$63.77	\$64.47	\$65.96	\$68.19
6.2 Easement Processing - Conveyancing Review (NEW)	Easement Processing - Conveyancing Services	Per Job	Hourly Rate	\$174.24	\$174.24	\$176.16	\$180.23	\$186.32
	Easement Processing - Contract Legal Services	Per Job	Fee	55.89%	55.89%	55.89%	55.89%	55.89%
	For these jobs, legal contractor costs are charged at invoice cost + percentage							
6.3 Services Involved in Obtaining Deeds of Agreement (DOA)	Services Involved in Obtaining Deeds of Agreement (DOA)	Per DOA	Hourly Rate	\$239.99	\$239.99	\$242.26	\$247.07	\$254.25
6.4 Development Applications and Encroachment Processing (NEW)	Development Applications and Encroachment Processing	Per Application	Hourly Rate	\$174.24	\$174.24	\$176.16	\$180.23	\$186.32
6.5 Crown Land Acquisition (NEW)	Crown Land Acquisition - Legal Services	Per Job	Hourly Rate	\$239.25	\$239.25	\$241.51	\$246.30	\$253.47
	Crown Land Acquisition - Contract Legal Services	Per Job	Fee	55.89%	55.89%	55.89%	55.89%	55.89%
	For these jobs, legal contractor costs are charged at invoice cost + percentage							
6.6 Legal Review Services - customer funded works (NEW)	Legal Review Services - Customer Funded Works	Per Job	Hourly Rate	\$239.25	\$239.25	\$241.51	\$246.30	\$253.47
	Legal Review Services - Customer Funded Works - Contract Legal Services	Per Job	Fee	55.89%	55.89%	55.89%	55.89%	55.89%
	For these jobs, legal contractor costs are charged at invoice cost + percentage							

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
7.1 Site Establishment	Site Establishment - Per NMI	Per NMI	Fee	\$95.65	\$95.65	\$96.70	\$98.94	\$102.28
8.1 Work near electrical assets - De energisation of Mains (NEW)	Safe Approach Clearances - De energisation of Mains (NT)	Per Job	Fee	\$2,206.72	\$2,206.72	\$2,227.24	\$2,270.87	\$2,336.03
	Safe Approach Clearances - De energisation of Mains (OT)	Per Job	Fee	\$3,107.45	\$3,107.45	\$3,137.88	\$3,202.57	\$3,299.21
8.2 Work near electrical assets - Disable Auto Reclose (NEW)	Safe Approach Clearances - Disable Auto Reclose (NT)	Per Job	Fee	\$765.35	\$765.35	\$772.56	\$787.91	\$810.83
	Safe Approach Clearances - Disable Auto Reclose (OT)	Per Job	Fee	\$929.58	\$929.58	\$938.61	\$957.79	\$986.45
8.3 Provision of Traffic Control by the DNSP (NEW)	Provision of Traffic Control by the DNSP	Per Job	Fee	55.89%	55.89%	55.89%	55.89%	55.89%
	For these jobs, contractor costs are charged at price + percentage							
8.4 Site Safety Supervision (NEW)	Site Safety Supervision	Per Job	Hourly Rate	\$172.20	\$172.20	\$173.72	\$176.95	\$181.77
8.5 Provision of construction work by DNSP (NEW)	Provision of construction work by DNSP	Per Job	Hourly Rate	\$172.20	\$172.20	\$173.72	\$176.95	\$181.77
	Materials (Cost + percentage)	Per Job	Fee	71.96%	71.96%	71.96%	71.96%	71.96%



Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
8.6 Warning Markers (NEW)	Design	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Installation	Per Job	Hourly Rate	\$172.20	\$172.20	\$173.72	\$176.95	\$181.77
	Hire - Tiger Tails	Per Tiger Tail	Fee	\$2.37	\$2.37	\$2.39	\$2.44	\$2.51
	Hire - Warning Markers	Per Marker	Fee	\$2.78	\$2.78	\$2.80	\$2.83	\$2.87
	Purchase - Warning Markers	Per Marker	Fee	\$175.80	\$175.80	\$175.80	\$175.80	\$175.80
	Materials	Per Item	Fee	71.96%	71.96%	71.96%	71.96%	71.96%
	Contractor	Per Job	Fee	55.89%	55.89%	55.89%	55.89%	55.89%
	For these jobs, materials & other contractor costs are charged at purchase price / contractor costs + percentage							
8.7 High load escorts	High load escorts	Per Job	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
9.1 Vegetation Clearing of Private Trees Encroaching DNSP Assets (NEW)	Vegetation Clearing of Private Trees Encroaching DNSP Assets	Per Job	Fee	55.89%	55.89%	55.89%	55.89%	55.89%
	For these jobs, materials & other contractor costs are charged at purchase price / contractor costs + percentage							
9.2 Inspection of Private Trees Encroaching DNSP Assets (NEW)	Inspection of Private Trees Encroaching DNSP Assets	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
9.3 Vegetation Clearing of Private Trees Encroaching Private Assets (NEW)	Vegetation Clearing of Private Trees Encroaching Private Assets	Per Job	Fee	55.89%	55.89%	55.89%	55.89%	55.89%
	For these jobs, materials & other contractor costs are charged at purchase price / contractor costs + percentage							
9.4 Rectification works by Essential Energy of Private Asset aerial mains defects (NEW)	Admin	Per Job	Hourly Rate	\$127.53	\$127.53	\$128.93	\$131.92	\$136.37
	Para Legal	Per Job	Hourly Rate	\$174.24	\$174.24	\$176.16	\$180.23	\$186.32
	Field Worker	Per Job	Hourly Rate	\$172.20	\$172.20	\$173.72	\$176.95	\$181.77
	Indoor Technical Officer	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Outdoor Technical Officer	Per Job	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
	Engineer / Professional	Per Item	Hourly rate	\$239.25	\$239.25	\$241.51	\$246.30	\$253.47
	Materials	Per Job	Fee	71.96%	71.96%	71.96%	71.96%	71.96%
	Contractor	Per Job	Fee	55.89%	55.89%	55.89%	55.89%	55.89%
	For these jobs, materials & other contractor costs are charged at purchase price / contractor costs + percentage							

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
9.5 Rectification works by Essential Energy of DNSP's assets due to landowner encroachment issues (NEW)	Admin	Per Job	Hourly Rate	\$127.53	\$127.53	\$128.93	\$131.92	\$136.37
	Para Legal	Per Job	Hourly Rate	\$174.24	\$174.24	\$176.16	\$180.23	\$186.32
	Field Worker	Per Job	Hourly Rate	\$172.20	\$172.20	\$173.72	\$176.95	\$181.77
	Indoor Technical Officer	Per Job	Hourly Rate	\$178.58	\$182.46	\$184.46	\$188.73	\$195.10
	Outdoor Technical Officer	Per Job	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
	Engineer / Professional	Per Job	Hourly Rate	\$239.25	\$239.25	\$241.51	\$246.30	\$253.47
	Materials	Per Item	Fee	71.96%	71.96%	71.96%	71.96%	71.96%
	Contractor	Per Job	Fee	55.89%	55.89%	55.89%	55.89%	55.89%
	For these jobs, materials & other contractor costs are charged at purchase price / contractor costs + percentage							
10.1 Retailer of Last Resort (ROLR)	Retailer of Last Resort	Per Event	Cost	Cost per event	Cost per event	Cost per event	Cost per event	Cost per event

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
11.1 Planned Interruption - Customer Requested (NEW)	Admin	Per Job	Hourly Rate	\$103.99	\$103.99	\$105.14	\$107.57	\$111.20
	Field Worker	Per Job	Hourly Rate	\$112.59	\$112.59	\$113.83	\$116.46	\$120.40
	Indoor Technical Officer	Per Job	Hourly Rate	\$145.62	\$145.62	\$147.22	\$150.63	\$155.72
	Outdoor Technical Officer	Per Job	Hourly Rate	\$145.62	\$145.62	\$147.22	\$150.63	\$155.72
	Engineer / Professional	Per Job	Hourly Rate	\$167.27	\$167.27	\$169.11	\$173.02	\$178.86
	Contractor (contractor costs + percentage)	Per Job	Fee	55.89%	55.89%	55.89%	55.89%	55.89%
	For these jobs, costs are charged at hourly rate price difference between ordinary time to overtime							
12.1 Attendance at customers' premises - Statutory Right	Attendance at customers' premises - Statutory Right	Per Event	Hourly Rate	\$172.20	\$172.20	\$173.72	\$176.95	\$181.77

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
13.1 Inspection of Construction Work (by Level 1 ASPs)	Underground Urban Residential Subdivision (Vacant Lots) - Per Lot - First 10 Lots - Grade A	Per Lot	Fee	\$106.35	\$106.35	\$107.34	\$109.43	\$112.54
	Underground Urban Residential Subdivision (Vacant Lots) - Per Lot - Next 30 Lots - Grade A	Per Lot	Fee	\$106.35	\$106.35	\$107.34	\$109.43	\$112.54
	Underground Urban Residential Subdivision (Vacant Lots) - Per Lot - Remainder - Grade A	Per Lot	Fee	\$21.27	\$21.27	\$21.47	\$21.89	\$19.10
	Underground Urban Residential Subdivision (Vacant Lots) - Per Lot - First 10 Lots - Grade B	Per Lot	Fee	\$255.25	\$255.25	\$257.61	\$262.62	\$270.11
	Underground Urban Residential Subdivision (Vacant Lots) - Per Lot - Next 30 Lots - Grade B	Per Lot	Fee	\$148.90	\$148.90	\$150.27	\$153.20	\$157.56
	Underground Urban Residential Subdivision (Vacant Lots) - Per Lot - Remainder - Grade B	Per Lot	Fee	\$85.08	\$85.08	\$85.87	\$87.54	\$90.04
	Underground Urban Residential Subdivision (Vacant Lots) - Per Lot - First 10 Lots - Grade C	Per Lot	Fee	\$531.77	\$531.77	\$536.69	\$547.13	\$562.72
	Underground Urban Residential Subdivision (Vacant Lots) - Per Lot - Next 30 Lots - Grade C	Per Lot	Fee	\$297.79	\$297.79	\$300.54	\$306.39	\$315.12
	Underground Urban Residential Subdivision (Vacant Lots) - Per Lot - Remainder - Grade C	Per Lot	Fee	\$142.52	\$142.52	\$143.83	\$146.63	\$150.81
	Rural Overhead Subdivisions and Rural Extensions - Per Pole - First 5 Poles - Grade A	Per Pole	Fee	\$127.63	\$127.63	\$128.80	\$131.31	\$135.05
	Rural Overhead Subdivisions and Rural Extensions - Per Pole - Next 5 Poles - Grade A	Per Pole	Fee	\$106.35	\$106.35	\$107.34	\$109.43	\$112.54
	Rural Overhead Subdivisions and Rural Extensions - Per Pole - Remaining Poles - Grade A	Per Pole	Fee	\$85.08	\$85.08	\$85.87	\$87.54	\$90.04

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
13.1 Inspection of Construction Work (by Level 1 ASPs) cont.	Rural Overhead Subdivisions and Rural Extensions - Per Pole - First 5 Poles - Grade B	Per Pole	Fee	\$255.25	\$255.25	\$257.61	\$262.62	\$270.11
	Rural Overhead Subdivisions and Rural Extensions - Per Pole - Next 5 Poles - Grade B	Per Pole	Fee	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
	Rural Overhead Subdivisions and Rural Extensions - Per Pole - Remaining Poles - Grade B	Per Pole	Fee	\$148.90	\$148.90	\$150.27	\$153.20	\$157.56
	Rural Overhead Subdivisions and Rural Extensions - Per Pole - First 5 Poles - Grade C	Per Pole	Fee	\$425.42	\$425.42	\$429.35	\$437.70	\$450.18
	Rural Overhead Subdivisions and Rural Extensions - Per Pole - Next 5 Poles - Grade C	Per Pole	Fee	\$393.51	\$393.51	\$397.15	\$404.87	\$416.41
	Rural Overhead Subdivisions and Rural Extensions - Per Pole - Remaining Poles - Grade C	Per Pole	Fee	\$319.06	\$319.06	\$322.01	\$328.28	\$337.63
	Underground Commercial and Industrial or Rural Subdivisions (Vacant Lots) - Per Lot - First 10 Lots - Grade A	Per Lot	Fee	\$106.35	\$106.35	\$107.34	\$109.43	\$112.54
	Underground Commercial and Industrial or Rural Subdivisions (Vacant Lots) - Per Lot - Next 30 Lots - Grade A	Per Lot	Fee	\$106.35	\$106.35	\$107.34	\$109.43	\$112.54
	Underground Commercial and Industrial or Rural Subdivisions (Vacant Lots) - Per Lot - Remaining Lots - Grade A	Per Lot	Fee	\$106.35	\$106.35	\$107.34	\$109.43	\$112.54
	Underground Commercial and Industrial or Rural Subdivisions (Vacant Lots) - Per Lot - First 10 Lots - Grade B	Per Lot	Fee	\$255.25	\$255.25	\$257.61	\$262.62	\$270.11
	Underground Commercial and Industrial or Rural Subdivisions (Vacant Lots) - Per Lot - Next 30 Lots - Grade B	Per Lot	Fee	\$255.25	\$255.25	\$257.61	\$262.62	\$270.11
	Underground Commercial and Industrial or Rural Subdivisions (Vacant Lots) - Per Lot - Remaining Lots - Grade B	Per Lot	Fee	\$255.25	\$255.25	\$257.61	\$262.62	\$270.11

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
13.1 Inspection of Construction Work (by Level 1 ASPs) cont.	Underground Commercial and Industrial or Rural Subdivisions (Vacant Lots) - Per Lot - First 10 Lots - Grade C	Per Lot	Fee	\$531.77	\$531.77	\$536.69	\$547.13	\$562.72
	Underground Commercial and Industrial or Rural Subdivisions (Vacant Lots) - Per Lot - Next 30 Lots - Grade C	Per Lot	Fee	\$531.77	\$531.77	\$536.69	\$547.13	\$562.72
	Underground Commercial and Industrial or Rural Subdivisions (Vacant Lots) - Per Lot - Remaining Lots - Grade C	Per Lot	Fee	\$531.77	\$531.77	\$536.69	\$547.13	\$562.72
	Commercial / Industrial Developments and Sub Transmission - All Grades	Per Lot / Pole	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
	Asset Relocations or Streetlighting (Not forming part of other categories) - All Grades	Per Lot / Pole	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
13.2 Inspection of service work (Level 2 ASPs)	Per NOSW - A Grade	Per NOSW	Fee	\$53.18	\$53.18	\$53.67	\$54.71	\$56.27
	Per NOSW - B Grade	Per NOSW	Fee	\$89.34	\$89.34	\$90.16	\$91.92	\$94.54
	Per NOSW - C Grade	Per NOSW	Fee	\$228.63	\$228.63	\$230.99	\$236.00	\$243.49
13.3 Re-inspection of work of a service provider (Level 1 & Level 2 ASPs work)	Reinspection (Level 1 & Level 2 work)	Per Job	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
13.4 Re-inspection Customer Installation	Reinspection Customer Installation (per re-inspection CCEW)	Per Job	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
13.5 Investigation, review & implementation of remedial actions associated with work performed by ASPs	Incident Category 1 -2 Classification	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Incident Category 3 - 5 Classification	Per Job	Fee	\$2,678.75	\$2,678.75	\$2,708.22	\$2,770.86	\$2,864.44

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
13.6 Substation Inspection (NEW)	Substation Inspection - A Grade	Per Substation	Fee	\$425.42	\$425.42	\$429.35	\$437.70	\$450.18
	Substation Inspection - B Grade	Per Substation	Fee	\$744.48	\$744.48	\$751.36	\$765.98	\$787.81
	Substation Inspection - C Grade	Per Substation	Fee	\$957.19	\$957.19	\$966.03	\$984.83	\$1,012.9
13.7 Inspection Services of Privately Owned Electrical Infrastructure Assets (NEW)	Admin	Per Job	Hourly Rate	\$127.53	\$127.53	\$128.93	\$131.92	\$136.37
	Field Worker	Per Job	Hourly Rate	\$172.20	\$172.20	\$173.72	\$176.95	\$181.77
	Outdoor Technical Officer	Per Job	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
	Engineer	Per Job	Hourly Rate	\$239.25	\$239.25	\$241.51	\$246.30	\$253.47
	Materials	Per Job	Hourly Rate	71.96%	71.96%	71.96%	71.96%	71.96%
	Contractor (contractor costs + percentage)	Per Job	Fee	55.89%	55.89%	55.89%	55.89%	55.89%
13.8 Inspection Customer Installation (NEW)	Inspect Installation (customers) per CCEW	Per CCEW	Fee	\$53.18	\$53.18	\$53.67	\$54.71	\$56.27
14.1 Provision of Training to ASPs for Network Access	Access Permit Recipient Training to ASPs	Per Student	Fee	\$280.76	\$280.76	\$283.40	\$289.00	\$297.38
14.2 Provision of Design Related Training for Design Compliance (Level 3 ASPs) (NEW)	Provision of Design Related Training for Design Compliance (Level 3 ASPs)	Per Student	Fee	\$276.48	\$276.48	\$279.14	\$284.81	\$293.28



Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
14.3 Provision of Training - Entry into Electrical Stations	Provision of training - Entry Electrical Stations	Per Student	Fee	\$357.28	\$357.28	\$360.76	\$368.15	\$379.20
15.1 Provision of Security Lighting (NEW)	Nightwatch lighting (security) 250W	Per Light	Fee / Month	\$25.42	\$25.42	\$25.70	\$26.29	\$27.18
	Nightwatch lighting (security) 400W	Per Light	Fee / Month	\$26.42	\$26.42	\$26.71	\$27.33	\$28.25
15.2 Provision of Luminaire Glare Shield	Provision of Luminaire Glare Shield	Per Light	Fee	\$506.56	\$506.56	\$509.60	\$516.06	\$525.71
16.1 Off - Peak Conversion	Off - Peak Conversion	Per Job	Fee	\$106.77	\$106.77	\$107.71	\$109.71	\$112.70
17.1 Authorisation of ASPs	Authorisation - Initial	Per Authorisation	Fee	\$637.85	\$637.85	\$644.41	\$658.37	\$679.22
	Authorisation - Renewal	Per Authorisation	Fee	\$153.04	\$153.04	\$154.72	\$158.30	\$163.65
17.2 ASP Authorisation Agreement (entity)	Authorisation Agreement - Initial	Per Authorisation	Fee	\$446.41	\$446.41	\$451.32	\$461.76	\$477.36
	Authorisation Agreement - Renewal	Per Authorisation	Fee	\$63.77	\$63.77	\$64.47	\$65.96	\$68.19

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
18.1 Design and construction of asset relocations - customer funded	Admin	Per Job	Hourly Rate	\$127.53	\$127.53	\$128.93	\$131.92	\$136.37
	Para Legal	Per Job	Hourly Rate	\$174.24	\$174.24	\$176.16	\$180.23	\$186.32
	Field Worker	Per Job	Hourly Rate	\$172.20	\$172.20	\$173.72	\$176.95	\$181.77
	Indoor Technical Officer	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Outdoor Technical Officer	Per Job	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
	Engineer / Professional	Per Item	Hourly Rate	\$239.25	\$239.25	\$241.51	\$246.30	\$253.47
	Materials	Per Job	Fee	71.96%	71.96%	71.96%	71.96%	71.96%
	Contractor	Per Job	Fee	55.89%	55.89%	55.89%	55.89%	55.89%
	For these jobs, materials & other contractor costs are charged at purchase price / contractor costs + percentage							

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
19.1 DNSP Provided cable jointing & termination services for contestable works	Indoor Technician	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Field Worker	Per Job	Hourly Rate	\$172.20	\$172.20	\$173.72	\$176.95	\$181.77
	Outdoor Technician	Per Job	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
	Engineer / Professional	Per Job	Hourly Rate	\$239.25	\$239.25	\$241.51	\$246.30	\$253.47
	Materials	Per Item	Fee	71.96%	71.96%	71.96%	71.96%	71.96%
	Contractor	Per Job	Fee	55.89%	55.89%	55.89%	55.89%	55.89%
	For these jobs, materials & other contractor costs are charged at purchase price / contractor costs + percentage							

## Proposed Connection Fees 2019-24

These fees are in \$2018/19 excluding GST and will have CPI applied to them each year.

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
1.1 Part A. Design and construction of customer funded premises connection assets, where a customer is unable to secure the service from the contestable market. The service will only be offered where it has been validated that there is no alternate supplier via Essential Energy's 'Provider of Last Resort' process.	Admin	Per Job	Hourly Rate	\$127.53	\$127.53	\$128.93	\$131.92	\$136.37
	Para Legal	Per Job	Hourly Rate	\$174.24	\$174.24	\$176.16	\$180.23	\$186.32
	Field Worker	Per Job	Hourly Rate	\$172.20	\$172.20	\$173.72	\$176.95	\$181.77
	Indoor Technical Officer	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Outdoor Technical Officer	Per Job	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
	Engineer / Professional	Per Job	Hourly Rate	\$239.25	\$239.25	\$241.51	\$246.30	\$253.47
	Materials	Per Item	Fee	71.96%	71.96%	71.96%	71.96%	71.96%
	Contractor	Per Item	Fee	55.89%	55.89%	55.89%	55.89%	55.89%
	For these jobs, materials & other contractor costs are charged at purchase price / contractor costs + percentage							

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
1.2 Part C. Part design and construction of connection assets where a customer requests that connection assets are designed and constructed to an increased standard (beyond that required by the distributors' standards and policies), and where those works are designed and constructed by the distributor as a result of safety, reliability or security reasons.	Admin	Per Job	Hourly Rate	\$127.53	\$127.53	\$128.93	\$131.92	\$136.37
	Para Legal	Per Job	Hourly Rate	\$174.24	\$174.24	\$176.16	\$180.23	\$186.32
	Field Worker	Per Job	Hourly Rate	\$172.20	\$172.20	\$173.72	\$176.95	\$181.77
	Indoor Technical Officer	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Outdoor Technical Officer	Per Job	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
	Engineer / Professional	Per Job	Hourly Rate	\$239.25	\$239.25	\$241.51	\$246.30	\$253.47
	Materials	Per Item	Fee	71.96%	71.96%	71.96%	71.96%	71.96%
	Contractor	Per Job	Fee	55.89%	55.89%	55.89%	55.89%	55.89%
	For these jobs, materials & other contractor costs are charged at purchase price / contractor costs + percentage							

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
2.1 Part A. Design and construction of customer funded extensions, where a customer is unable to secure the service from the contestable market. The service will only be offered where it has been validated that there is no alternate supplier via Essential Energy's 'Provider of Last Resort' process.	Admin	Per Job	Hourly Rate	\$127.53	\$127.53	\$128.93	\$131.92	\$136.37
	Para Legal	Per Job	Hourly Rate	\$174.24	\$174.24	\$176.16	\$180.23	\$186.32
	Field Worker	Per Job	Hourly Rate	\$172.20	\$172.20	\$173.72	\$176.95	\$181.77
	Indoor Technical Officer	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Outdoor Technical Officer	Per Job	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
	Engineer / Professional	Per Job	Hourly Rate	\$239.25	\$239.25	\$241.51	\$246.30	\$253.47
	Materials	Per Item	Fee	71.96%	71.96%	71.96%	71.96%	71.96%
	Contractor	Per Job	Fee	55.89%	55.89%	55.89%	55.89%	55.89%
	For these jobs, materials & other contractor costs are charged at purchase price / contractor costs + percentage							

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
3.1 Part C. Design and construction of customer funded network augmentation, where a customer is unable to secure the service from the contestable market. The service will only be offered where it has been validated that there is no alternate supplier via Essential Energy's 'Provider of Last Resort' process.	Admin	Per Job	Hourly Rate	\$127.53	\$127.53	\$128.93	\$131.92	\$136.37
	Para Legal	Per Job	Hourly Rate	\$174.24	\$174.24	\$176.16	\$180.23	\$186.32
	Field Worker	Per Job	Hourly Rate	\$172.20	\$172.20	\$173.72	\$176.95	\$181.77
	Indoor Technical Officer	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Outdoor Technical Officer	Per Job	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
	Engineer / Professional	Per Job	Hourly Rate	\$239.25	\$239.25	\$241.51	\$246.30	\$253.47
	Materials	Per Item	Fee	71.96%	71.96%	71.96%	71.96%	71.96%
	Contractor	Per Job	Fee	55.89%	55.89%	55.89%	55.89%	55.89%
	For these jobs, materials & other contractor costs are charged at purchase price / contractor costs + percentage							

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
3.2 Part D. Any shared network enlargement/enhancement undertaken by a distributor where a customer requests that assets are designed and constructed to an increased standard (beyond that required by the distributors' standards and policies).	Admin	Per Job	Hourly Rate	\$127.53	\$127.53	\$128.93	\$131.92	\$136.37
	Para Legal	Per Job	Hourly Rate	\$174.24	\$174.24	\$176.16	\$180.23	\$186.32
	Field Worker	Per Job	Hourly Rate	\$172.20	\$172.20	\$173.72	\$176.95	\$181.77
	Indoor Technical Officer	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Outdoor Technical Officer	Per Job	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
	Engineer / Professional	Per Job	Hourly Rate	\$239.25	\$239.25	\$241.51	\$246.30	\$253.47
	Materials	Per Item	Fee	71.96%	71.96%	71.96%	71.96%	71.96%
	Contractor	Per Job	Fee	55.89%	55.89%	55.89%	55.89%	55.89%
	For these jobs, materials & other contractor costs are charged at purchase price / contractor costs + percentage							



Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
4.1 Part C. Design and construction of assets that are deemed non-contestable (generally as a result of safety, reliability or security reasons) and are undertaken by the DNSP.	Admin	Per Job	Hourly Rate	\$127.53	\$127.53	\$128.93	\$131.92	\$136.37
	Para Legal	Per Job	Hourly Rate	\$174.24	\$174.24	\$176.16	\$180.23	\$186.32
	Field Worker	Per Job	Hourly Rate	\$172.20	\$172.20	\$173.72	\$176.95	\$181.77
	Indoor Technical Officer	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Outdoor Technical Officer	Per Job	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
	Engineer / Professional	Per Job	Hourly Rate	\$239.25	\$239.25	\$241.51	\$246.30	\$253.47
	Materials	Per Item	Fee	71.96%	71.96%	71.96%	71.96%	71.96%
	Contractor	Per Job	Fee	55.89%	55.89%	55.89%	55.89%	55.89%
	For these jobs, materials & other contractor costs are charged at purchase price / contractor costs + percentage							
5.1 Disconnect / Reconnect - Vacant Premise	Disconnect / Reconnect fees are separated into individual services							
	Disconnect - Vacant Premise	Per Job	Fee	\$39.10	\$39.10	\$39.53	\$40.45	\$41.81
	Reconnect - Vacant Premise	Per Job	Fee	\$47.25	\$47.25	\$47.77	\$48.87	\$50.53

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
5.2 Disconnect / Reconnect - Site visit only	Disconnect / Reconnect - Site visit only	Per Job	Fee	\$36.48	\$36.48	\$36.88	\$37.73	\$39.00
5.3 Disconnect / Reconnect - Pole Top / Pillar	Disconnect - Pole Top / Pillar Box	Per Job	Fee	\$309.89	\$309.89	\$312.54	\$318.19	\$326.64
	Reconnect - Pole Top / Pillar Box	Per Job	Fee	\$309.89	\$309.89	\$312.54	\$318.19	\$326.64
5.4 Disconnect / Reconnect - Complete	Disconnection - Complete	Per Job	Fee	\$53.31	\$53.31	\$53.90	\$55.14	\$57.01
	Reconnection - Complete	Per Job	Fee	\$47.25	\$47.25	\$47.77	\$48.87	\$50.53
5.5 Disconnect / Reconnect - Technical Disconnection	Disconnection - Technical Disconnection	Per Job	Fee	\$53.31	\$53.31	\$53.90	\$55.14	\$57.01
	Reconnect - Technical Reconnection	Per Job	Fee	\$47.25	\$47.25	\$47.77	\$48.87	\$50.53
5.6 Reconnect - Outside of Normal Business Hours	Reconnect - Outside of Normal Business Hours	Per Job	Fee	\$158.39	\$158.39	\$159.76	\$162.67	\$167.01
5.7 Illegal Connections	Illegal Connections	Per Job	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09

## Proposed Meter Fees 2019-24

These fees are in \$2018/19 excluding GST and will have CPI applied to them each year.

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
1.1 Move In / Move Out Read	Move In / Move Out Read	Per Job	Fee	\$17.12	\$17.12	\$17.31	\$17.71	\$18.31
1.2 Special Meter Read (incl. wasted visit)	Special Meter Read (incl. wasted visit)	Per Job	Fee	\$17.12	\$17.12	\$17.31	\$17.71	\$18.31
1.3 Special Meter Test - 1st	Special Meter Test - 1st	Per Meter	Fee	\$723.21	\$723.21	\$729.89	\$744.09	\$765.30
1.4 Special Meter Tests - Additional	Special Meter Tests - Additional	Per Meter	Fee	\$467.96	\$467.96	\$472.28	\$481.47	\$495.20
1.5 Special Meter Tests - CT Meter (NEW)	Special Meter Tests - CT Meter (NEW)	Per Meter	Fee	\$872.11	\$872.11	\$880.16	\$897.29	\$922.87
2.1 Unplanned Outage - Meter Fault (Site attendance)	Unplanned Outage - Meter Fault (Site attendance) (NT)	Per Job	Fee	\$421.57	\$421.57	\$425.35	\$433.37	\$445.35
	Unplanned Outage - Meter Fault (Site attendance) (OT)	Per Job	Fee	\$680.53	\$680.53	\$687.15	\$701.23	\$722.27
2.2 Unplanned Outage - Meter HW Fault (Site attendance)	Unplanned Outage - Meter HW Fault (Site attendance) (NT)	Per Job	Fee	\$421.57	\$421.57	\$425.35	\$433.37	\$445.35
	Unplanned Outage - Meter HW Fault (Site attendance) (OT)	Per Job	Fee	\$680.53	\$680.53	\$687.15	\$701.23	\$722.27
2.3 Unplanned Outage - Retailer outage impacting non-retailer customer (Site attendance)	Unplanned Outage - Retailer outage impacting non-retailer customer (Site attendance) (NT)	Per Job	Fee	\$342.91	\$342.91	\$345.99	\$352.54	\$362.32
	Unplanned Outage - Retailer outage impacting non-retailer customer (Site attendance) (OT)	Per Job	Fee	\$549.97	\$549.97	\$555.33	\$566.72	\$583.73

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
2.4 Unplanned Outage - Remote De-Energisation - EE not notified (Site attendance)	Unplanned Outage - Remote De-Energisation - EE not notified (Site attendance) (NT)	Per Job	Fee	\$335.47	\$335.47	\$338.48	\$344.89	\$354.47
	Unplanned Outage - Remote De-Energisation - EE not notified (Site attendance) (OT)	Per Job	Fee	\$538.13	\$538.13	\$543.38	\$554.53	\$571.18
3.1 Redundant Meter Disposal	Redundant Meter Disposal	Per Occasion	Fee	\$31.88	\$31.88	\$32.23	\$32.98	\$34.09
4.1 Retailer Requested Distributer Planned Interruption - Cancellation after notification	Retailer Requested Distributer Planned Interruption - Cancellation after notification	Per Job	Fee	\$526.15	\$526.15	\$531.00	\$541.31	\$556.71
4.2 Retailer Requested Distributer Planned Interruption - Initial Visit	Retailer Requested Distributer Planned Interruption - Initial Visit (NT)	Per Job	Fee	\$462.06	\$462.06	\$466.26	\$475.20	\$488.54
	Retailer Requested Distributer Planned Interruption - Initial Visit (OT)	Per Job	Fee	\$726.65	\$726.65	\$733.77	\$748.88	\$771.47
4.3 Retailer Requested Distributer Planned Interruption - Isolation Completed	Retailer Requested Distributer Planned Interruption - Isolation Completed (NT)	Per Job	Fee	\$391.60	\$391.60	\$395.08	\$402.48	\$413.54
	Retailer Requested Distributer Planned Interruption - Isolation Completed (OT)	Per Job	Fee	\$639.30	\$639.30	\$645.51	\$658.70	\$678.41
	Retailer Requested Distributer Planned Interruption - Isolation Completed - Additional Labour Required NT	Per Job	Hourly Rate	\$172.20	\$172.20	\$173.72	\$176.95	\$181.77
	Retailer Requested Distributer Planned Interruption - Isolation Completed - Additional Labour Required OT	Per Job	Hourly Rate	\$284.79	\$284.79	\$287.55	\$293.41	\$302.17
4.4 Retailer Requested Distributer Planned Interruption - Early Cancellation	Retailer Requested Distributer Planned Interruption - Early Cancellation	Per Job	Fee	\$47.19	\$47.19	\$47.64	\$48.58	\$49.99

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
4.5 Retailer Requested Distributer Planned Interruption - MC No Attendance	Retailer Requested Distributer Planned Interruption - MC No Attendance (NT)	Per Job	Fee	\$348.55	\$348.55	\$351.65	\$358.24	\$368.10
	Retailer Requested Distributer Planned Interruption - MC No Attendance (OT)	Per Job	Fee	\$444.25	\$444.25	\$448.40	\$457.24	\$470.43
5.1 Provision of metering consumption data	Provision of metering consumption data	Per Occasion	Fee	\$31.88	\$31.88	\$32.23	\$32.98	\$34.09

## Proposed Non-Standard Connection Fees 2019-24

These fees are in \$2018/19 excluding GST and will have CPI applied to them each year.

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
1.1 Part C. Inspection, Maintenance & Testing of Customer Assets, where a customer is unable to secure the service from the contestable market. The service will only be offered where it has been validated that there is no alternate supplier via Essential Energy's 'Provider of Last Resort' process.	Admin	Per Job	Hourly Rate	\$127.53	\$127.53	\$128.93	\$131.92	\$136.37
	Para Legal	Per Job	Hourly Rate	\$174.24	\$174.24	\$176.16	\$180.23	\$186.32
	Field Worker	Per Job	Hourly Rate	\$172.20	\$172.20	\$173.72	\$176.95	\$181.77
	Indoor Technical Officer	Per Job	Hourly Rate	\$178.58	\$178.58	\$180.55	\$184.72	\$190.96
	Outdoor Technical Officer	Per Job	Hourly Rate	\$212.71	\$212.71	\$214.67	\$218.85	\$225.09
	Engineer / Professional	Per Job	Hourly Rate	\$239.25	\$239.25	\$241.51	\$246.30	\$253.47

Ancillary Network Service	Fee Category	Applied	Fee Type	2019/20	2020/21	2021/22	2022/23	2023/24
1.1 Part C. Inspection, Maintenance & Testing of Customer Assets, where a customer is unable to secure the service from the contestable market. The service will only be offered where it has been validated that there is no alternate supplier via Essential Energy's 'Provider of Last Resort' process cont.	Materials	Per Item	Fee	71.96%	71.96%	71.96%	71.96%	71.96%
	Contractor	Per Job	Fee	55.89%	55.89%	55.89%	55.89%	55.89%
	For these jobs, materials & other contractor costs are charged at purchase price / contractor costs + percentage							

# Ancillary Network Services – Definitions

Definitions for each of the services are provided below, and are numbered to align to the tables above.

## 1. Design Related Services

### 1.1. Design Information

The provision of information by a DNSP to enable an ASP accredited for level 3 work to prepare a design drawing and to submit it for certification.

This may include without limitation:

- > deriving the estimated loading on the system, technically known as the ADMD (after diversity maximum demand). This estimate depends on such factors as the number of customers served and specific features of the customer's demand
- > copying drawings that show existing low and high voltage circuitry geographically and schematically and adjacent project drawings
- > specifying the preferred sizes for overhead wires (conductors) or underground wires (cables)
- > specifying switchgear configuration type, number of pillars, lights etc
- > determining the special requirements of the DNSP's planning departments necessary to make electrical supply available to a development and cater for future projects
- > any necessary liaison with designers associated with assistance in sourcing design information and developing designs
- > nominating network connection points.

### 1.2. Design Certification

A certification by a DNSP that a design (if implemented) will not compromise the safety or operation of the DNSP's distribution system.

This may include, without limitation:

- > certifying that the design information/project definition have been incorporated in the design
- > certifying that easement requirements and earthing details are shown
- > considering design issues, including checking for over-design and mechanisms to permit work on high voltage systems without disruption to customers' supply (adequate low voltage parallels)
- > certifying that funding details for components in the scope of works are correct
- > certifying that there are no obvious errors that depart from the DNSP's design standards and specifications
- > certifying that shared assets are not over-utilised to minimise developer's connection costs and that all appropriate assets have been included in the design
- > auditing design calculations such as voltage drop calculations, conductor clearance (stringing) calculations etc
- > certifying that a bill of materials has been submitted
- > certifying that an environmental assessment has been submitted by an accredited person and appropriately checked.

### 1.3. Design Re-checking

Recheck of a design certification submission which has previously been rejected by Essential Energy for failure to comply with submission requirements. This may be required as a result of non-compliant construction drawings or failure to make a complete design submission including all necessary ancillary documentation, including easement requirements (does not include the rechecking of minor amendments of an insignificant nature).

#### **1.4. Design Re–certification (NEW)**

Design recertification at the request of the ASP level 3 after initial certification has been granted. This may be as a result of changes required to the certified design either prior to or during the construction phase of a project, or due to the 6 months certification period expiring.

#### **1.5. Administration**

Work of an administrative nature (not including work described in service - Notice of Arrangement or Authorisation of ASPs), including the processing of Level 1 and/or Level 3 work, where the customer is lawfully required to pay for the Level 1 and/or Level 3 work. This may include, without limitation:

- > checking supply availability
- > processing applications
- > correspondence from application to completion
- > record–keeping
- > requesting and receiving fees (initially, then prior to design and after certification)
- > receiving design drawings (registering and copying)
- > raising order for high voltage (HV) work
- > calculating the value of reimbursements under any applicable pioneer schemes
- > calculating the cost of a project and warranty/maintenance bond
- > organising refunds to developers for HV work
- > liaising with developers via phone and facsimile
- > updating Geographic Information Systems (GIS) and mapping
- > supporting the process of design information, design certification and design rechecking.

#### **1.6. Non–Standard Design Approval (NEW)**

Approval of a non-standard construction type at the request of the ASP Level 3, where during the design phase of the project the designer has identified a design requirement which do not comply with Essential Energy's approved design and construction standards.

Non-standard design requests require clear justification of the intended layout and details the proposed any deviations from approved standards.

## **2. Connection Application Related Services**

#### **2.1. Connections Customer Interface Co-ordination**

This service is proposed where customer developments may require a high level of DNSP involvement in order to coordinate a range of inputs from the DNSP to help establish the development. Usually projects with the following characteristics:

- > multiple components. For example, relocation and connection works associated with the one development, or works  $\leq 11$  kV and works at higher voltages
- > projects with scheduling challenges such as rapid deployment requirements or constrained timeframes for particular tasks
- > multiple and/or conflicting works to be undertaken in tandem or cooperation with other services or utilities
- > projects where there are significant inter-relationships between capital and contestable works which would benefit from coordination.

The form of this service includes, but is not limited to, attendance at internal and external project meetings in accordance with the needs of particular customers. It requires strong communication skills and technical understanding. The nature of the project would determine the skill level of the assigned officer and the number of hours required.



## **2.2. Preliminary Service Enquiry**

Providing prospective connection applicants with specific information and advice in relation to the connection, process, and requirements associated with establishing a new or altered connection, or a relocation of existing network assets. This service is for initial advice and excludes more detailed investigations/advice which may subsequently be required from Strategic Planning Studies and Analysis and Process Facilitation.

## **2.3. Connection / Relocation Process Facilitation**

Providing connection applicants with ongoing information and advice in relation to the connection process and requirements associated with establishing a new or altered connection or a relocation of existing network assets. This service is additional to the published instructions available to all applicants and is not a mandatory requirement of the connection process for standard connections to the distribution network ( $\leq 11\text{kV}$ ). It would be recommended for first time contestable customers or customers with complex or challenging projects. The intent would be to help minimise project delays caused by customers not taking the required action at the optimum time in the process. This would be achieved by staff taking a proactive approach to communication and engagement with connection applicants. It is an essential requirement for major connection projects (greater than 10MW load or connected at  $>11\text{ kV}$ ) because the process varies to meet particular project requirements (the electrical component potentially being a smaller but often critical part of a much larger project).

The form of this service includes, but is not limited to:

- > project coordination activities
- > one-on-one engagement to review project or process particulars
- > consultation of connection particulars
- > facilitation.

## **2.4. Connection Offer Service**

Services provided by Essential Energy in assessing connection applications and making standard connection offers.

This may include, without limitation:

- > assessment of application by relevant staff and if the application is deemed to require a standard
- > connection offer service, the application is allocated to Network Connections
- > network Connections is responsible for deriving the estimated loading on the electrical distribution network,
- > technically known as the ADMD (After Diversity Maximum Demand). This estimate depends on such factors as the number of customers served and specific features of the customer's demand
- > once the ADMD is derived the customer is advised what is required to connect to the electrical distribution network. This could be one of the following methods of supply:
  - A direct distributor from an existing substation
  - A direct distributor from a new kiosk substation
  - A direct distributor from a new pole mounted transformer substation
  - A direct distributor from a new chamber substation.
- > once the assessment has been completed by Network Connections, relevant staff forward the assessment of the standard connection offer to the customer.

Service fees may be charged for connection applications which are incomplete or include non-compliant information.

## **2.5. Planning, Protection and Power Quality Studies**

Planning/protection studies and associated technical analysis to determine suitable / feasible connection options for further consideration by proponents. The service applies mainly to large loads and generators where suitable connection options are not necessarily obvious and may result in potentially significant impacts on Essential Energy's existing network development strategies and augmentation requirements.

## **2.6. Additional Services Requested by ASP/Connection Applicant (NEW)**

Additional services required by ASP/Applicant of technical nature directly related to the connection application e.g. guarantee of revenue, site meetings, variations to contract, consultations, network support, CT/switchboard services etc.

## **2.7. Data Gathering Fee – Failure to Provide Documentation (NEW)**

The completion of data gathering by Essential Energy due to the customer/proponent/ASP's failure to provide all required project completion documentation, within the required timeframe.

## **2.8. Pioneer Scheme Administration (NEW)**

In accordance with the AER Connection Charge Guidelines, connection applicants may be required to contribute towards connections works which were previously funded by another customer.

Administrative fee applied to manage Pioneer Scheme applications where Essential Energy is required to:

- > provide reimbursement calculations and coordinates the distribution of Shared Asset Payments to customers who funded the connection assets
- > operate and maintains all necessary registration and record keeping information
- > act as the key contact to provide advice and support to applicants.

# **3. Contestable Network Commissioning & Decommissioning**

## **3.1. Substation Commissioning**

The commissioning by Essential Energy of a new substation, whether it is classified as a single pole, padmount kiosk or indoor/chamber and includes:

- > all necessary pre-commissioning checks and tests prior to energising the substation via the high voltage switchgear and closing the low voltage circuit breaker, links or fuses; and
- > the setting or resetting of substation protection equipment.

An Access Permit fee, in addition, may be required to gain access to the network in order to undertake the commissioning.

Essential Energy will perform the required testing and commissioning activities as per current policies and the subsequent recording in Essential Energy's asset systems.

The substation commissioning charge will be applied per substation.

## **3.2. Testing & Commissioning of Streetlights, Mains, Cables & UG Pillars (NEW)**

The completion of commissioning tests by Essential Energy of new electrical assets which form part of the contestable connection work including:

- > overhead and Underground streetlight commissioning
- > overhead and Underground live low voltage connection - connection of distribution mains (other than completed under an AP)
- > underground pillar box / pit commissioning
- > underground cable tests (IR / VLF Test).

Essential Energy will perform the required testing and commissioning activities as per current policies and record in Essential Energy's asset system.

## **3.3. Redundant Material Coordination (NEW)**

Service associated with the management of returned redundant connection related materials and equipment such as poles, transformers and switchgear.

Material is to be returned by the relevant ASP to an approved Essential Energy depot.

## **3.4. Commissioning of Other Network Equipment (NEW)**

Includes commission of reclosers, regulators and smart switches.

## 4. Access Permits, Oversight & Facilitation

### 4.1. Access Permits

This service fee includes network access and may include without limitation:

- > access to Essential Energy's distribution network through the provision on an Access Permit (AP) issued to authorised personnel
- > researching, documenting and completion of a Network Access Request (NAR) including a site visit as required
- > documenting the actual switching process
- > programming the work
- > control room activities
- > fitting and removing of Access Permit earths
- > the actual switching of the high and low voltage networks
- > notification of affected customers and NECF compliance (EE notified)
- > cable ID, stab, cut and phase
- > reinstate network and testing
- > meeting requirements of the National Energy Retail Law (NSW) and the National Energy Retail Rules
- > travel costs.

The access permit charge is the maximum per access permit.

\* Essential Energy may impose an additional overtime hourly rate for services provided outside the hours of 7:30am - 4:00pm Mon - Fri (ordinary hours). Where Standard AP start or finish times are exceeded as a continuation of work, additional overtime hourly rates will be charged per the applicable published labour classes.

Overtime may occur as a result of:

- > failure to complete AP associated work within requested ordinary hours
- > where an outage is requested outside of ordinary hours (does not include when Essential Energy requires that the work be performed outside ordinary hours). In this situation the Overtime Access Permit Fee applies.

\* A rescheduled Access Permit Outage fee will be charged where an ASP cancels an outage request within 10 days lead time prior to the scheduled outage.

Excludes the provision of Motor Generator and Live Line to maintain supply where temporary supply arrangements are requested by an ASP and/or as prescribed in the design information requirements, to maintain a continued but temporary supply to otherwise impacted customers during contestable connection works. These are additional services and are covered by another quoted service.

### 4.2. Access to Network Assets (Standby)

The provision of access to switch rooms, substations and the like to an ASP who is accompanied by a distributor's staff member. This service does not include site supervision or de-energisation of assets.

### 4.3. Sale of Approved Materials & Equipment to ASPs (NEW)

Provision of approved materials/equipment to ASPs for connection assets that will become part of the shared distribution network.

### 4.4. Services to supply and connect temporary supply to one or more customers

The provision of an MG (Motor Generator) connection to the network or a direct distributor and/or use of HV Live Line/LV Live Techniques when requested by an ASP and/or as prescribed in the design information requirements to maintain a continued but temporary supply to otherwise impacted customers during contestable connection works. Service is in conjunction with, but in addition to access permits and clearance to work.

The costs of MG hire are not included as these are commercially available. Hire cost of providing generators are in addition to this service.

Note also, there is no allowance for Essential Energy to supply an MG standby technician if required. This would be covered as an additional service.

#### **4.5. Rectification of contestable works (ASP Installed) (NEW)**

Service to provide rectification of defective or non-conformant contestable work installed by accredited service provider (ASP). Where installation is not installed to relevant Essential Energy construction standards, Australian Standards, Policy or Procedures and/ or submitted certified plans. The ASP may be required to cover costs associated with rectification works.

Situations may include but are not limited to:

- > the relevant ASP fails to rectify within the nominated non-compliance action period (Level 1 ASPs will have their Warranty Bond adjusted accordingly)
- > the relevant ASP elects that the rectification work is completed by the DNSP.

Rectification works may also be completed by the DNSP under fault and emergency situations, where rectification works are required to rectify safety issues or maintain electricity supply.

## **5. Notices of Arrangement and Completion Notices**

### **5.1. Notice of Arrangement**

Work of an administrative nature performed by a distributor where a local council requires evidence in writing from the distributor that all necessary arrangements have been made to supply electricity to a development.

This may include receiving and checking plans and easement documentation such as Section 88B Instruments and Transfer Granting Easements, copying plans and associated documentation, checking and recording easement details, preparing files for Conveyancing officers, liaising with developers if errors or charges are required, checking and receiving duct declarations and any amended linen plans and easement documentation approved by a conveyancing officer and preparing notifications of arrangement.

### **5.2. Request for Early Notice of Arrangement (NEW)**

Work of an administrative nature performed by a distributor where a local council requires evidence in writing from the distributor that all necessary arrangements have been made to supply electricity to a development.

The Notice of Arrangement (NOA) is issued before works are completed at the request of the ASP. The processing of the early NOA requires additional services in addition to a standard NOA.

### **5.3. Completion Notice – Other than Notice of Arrangement (NEW)**

Provision of completion notice prior to issue of Notice of Arrangement. An ASP may request the DNSP to provide a "Completion Notice" to verify that the work has been completed and meets the DNSP's standards.

## **6. Network Related Property**

### **6.1. Conveyancing Information**

The provision of information regarding the availability of supply, presence of electrical equipment, proposals of new works and related information for property conveyancing purposes undertaken with or without any physical inspection of a site, other than the provision of information or the answering of enquiries relating to any matter under Government Information (Public Act) Act Freedom of Information legislation.

### **6.2. Easement Processing – Conveyancing Review (NEW)**

Work of a conveyancing nature performed by Essential Energy (or on behalf of Essential Energy) relating to review, rectification, certification and execution of easement documentation including but not limited Transfer Granting Easements, Section 88B Instruments, Customer & Landowner Deeds, survey plans. Such work also includes administration work required in that process such as file preparation, record keeping, photocopying, scanning and dispatch of documentation. A separate fee may be charged for the review of separate documentation e.g. Customer Deed and Transfer Granting of Easement for the same easement is deemed to be two pieces of work.

### **6.3. Services Involved in Obtaining Deeds of Agreement**

Services related to the acquisition of tenure over and access to DNSP assets associated with contestable connection works. New assets being connected to the network may be positioned on land not legally accessible to DNSP. To ensure DNSP has appropriate tenure and access to these new assets into the future, a Deed of Agreement is established in advance of connecting the new assets to facilitate the necessary execution of formal arrangements that create appropriate easement or lease arrangements to be registered on the land title deed.

### **6.4. Development Applications and Encroachment Processing (NEW)**

Services relating to work performed by Essential Energy in providing comment to consent authorities, landowners and their consultants in relation to development applications as contemplated by the State Environmental Planning Policy (Infrastructure) 2007. In addition, work undertaken in the assessment of encroachments on Essential Energy's network is also included.

### **6.5. Crown Land Acquisition (NEW)**

Work performed by Essential Energy (or on behalf of Essential Energy) relating to acquisition of crown land (including interests in land). Any work or services provided in acquiring the relevant interest through the compulsory acquisition process included but not limited to liaising with customer as to requirements, obtaining internal approvals, preparation, negotiation and execution of formal documentation, engagement of panel lawyer, liaising with panel lawyer, preparation of Ministerial submission including complying with legislative requirements, reviewing Valuer General's (VG) determination, arranging required payments including seeking reimbursement from customer, reporting to customer and all matters relating to gazettal and registration. Services also include administration work required such as photocopying, scanning, emailing, accounting processes.

### **6.6. Legal Review Services – Customer Funded Works (NEW)**

Work of a legal nature performed by Essential Energy (or on behalf of Essential Energy) relating to legal issues and activity arising from customer funded projects.

## **7. Site Establishment Services**

### **7.1. Site Establishment**

Site establishment services, including liaising with AEMO or market participants for the purpose of establishing NMIs in market systems, for new premises or for any existing premises for which AEMO requires a new NMI.

## **8. Network safety Services**

### **8.1. Work near electrical assets – De-energisation of Mains (NEW)**

This service provides de-energisation of Overhead and Underground mains where it has been identified that exclusion distances cannot be maintained.

Examples of work activities include vegetation clearing, construction work and operating cranes.

This service can include but not limited to:

- > access to Essential Energy's distribution network through the provision on an Access Permit issued to authorised personnel or Issuing of Operating Agreement
- > researching, documenting and completion of a NAR including a site visit as required
- > documenting the actual switching process
- > programming the work
- > control room activities
- > fitting and removing of Access Permit earths or Low Voltage bonds (if required;
- > the actual switching of the High and Low voltage networks
- > notification of affected customers and NECF compliance (EE notified)
- > reinstate network testing and commissioning
- > meeting requirements of the National Energy Retail Law (NSW) and the National Energy Retail Rules

- > travel costs.

Excludes the provision of Essential Energy staff as an Authorised Access Permit Recipient. This service is in addition and would be covered under Site Safety Supervision service.

### **8.2. Work near electrical assets – Disable Auto Reclose (NEW)**

Disabling of Auto Reclose (DAR) protection settings associated with vegetation works near HV mains.

This service can include but is not limited to:

- > disabling of Auto Reclose Protection setting to allow works to be safely completed by authorised personnel to approved safety clearances as set within Essential Energy's safety rules
- > researching, documenting and completion of a Network Access Request (NAR) including a site visit as required
- > documenting the actual switching process (for field operations)
- > programming the work
- > control room activities
- > the actual switching of the HV network
- > notification of affected customers and NECF compliance (EE notified)
- > travel costs.

### **8.3. Provision of Traffic Control by the DNSP (NEW)**

Provision of Traffic Control by Essential Energy where deemed required to meet worksite safety requirements. The provision of Traffic Control can be in conjunction with, but in addition to other requested services.

### **8.4. Site Safety Supervision (NEW)**

Provision of field staff to perform site safety supervision to unauthorised personnel performing work near the DNSP's assets. Service may include Essential Energy staff performing the role of the Access Permit Recipient.

### **8.5. Provision of construction work by DNSP (NEW)**

Provision of network related construction work by Essential Energy to facilitate construction (non-connection related) activities within clearances of the distribution network or assets.

This service includes physical and/or electrical isolation e.g. temporary removal of overhead mains to facilitate vegetation removal works.

The provision of construction staff can be in conjunction with but in addition to other requested services.

### **8.6. Warning Markers (NEW)**

Installation of visual warning markers and temporary covers on overhead mains and service lines as requested by a third party. This can include rental or purchase of warning markers.

Services can include:

- > Tiger Tails installation
- > Construction warning marker installation
- > Design and installation of aerial markers.

NB this does not include the installation of temporary covers (on de energised mains) by certain ASPs in association with their contestable work, in accordance with their Service Provider Authorisation, which is contestable work.

### **8.7. High Load Escorts**

Temporary relocation, or other manners of making safe, of overhead mains for high vehicle loads and high load escorts.

## **9. Rectification Works to Maintain Network Safety**

### **9.1. Vegetation Clearing of Private Trees Encroaching DNSP Assets (NEW)**

Vegetation clearing of private trees which are encroaching within safe limits of Essential Energy's electrical network. Where the land owner is responsible for the vegetation management and fails to maintain the necessary safety clearances.

### **9.2. Inspection of Private Trees Encroaching DNSP Assets (NEW)**

Inspection of private trees which are encroaching within safe limits of Essential Energy's electrical network.

### **9.3. Vegetation Clearing of Private Trees Encroaching Private Assets (NEW)**

Vegetation clearing of private trees which are encroaching within safe limits of the customer's private electrical aerial mains within bushfire prone areas or where a customer requires electricity supply for medical assistance (life support customer). Fee applies where the customer has been notified and fails to rectify and the defect presents a community safety risk.

### **9.4. Rectification works by Essential Energy of Private Asset Aerial Mains Defects(NEW)**

Rectification work completed by Essential Energy on Private aerial mains defects within bush fire prone areas or where a customer requires electricity supply for medical assistance (life support customer). Fee applies where the customer has been notified and fails to rectify and the defect presents a community safety risk.

### **9.5. Rectification works by Essential Energy of DNSP's Assets due to Land Owner Encroachment Issues (NEW)**

Rectification work undertaken by Essential Energy due to failure of a landowner to maintain electrical easement clearances (encroachment) and as a result present a safety risks to the network/community or inhibit access to network infrastructure.

## **10. Retailer of Last Resort (ROLR)**

### **10.1. Retailer of Last Resort (ROLR)**

Preparing lists of affected sites, and reconciling data with AEMO listings; handling in-flight transfers; identifying open service orders raised by the failed retailer and determining actions to be taken in relation to those service orders; arranging estimate reads for the date of the ROLR event and providing data for final NUOS bills in relation to affected customers; preparing final invoices for NUOS and miscellaneous charges for affected customers; preparing final debt statements; extracting customer data, providing it to the ROLR and handling subsequent enquiries; handling adjustments that arise from the use of estimate reads; assisting the retailer with the provision of network tariffs to be applied and the customer move in process; administration of any 'ROLR cost recovery scheme distributor payment determination'.

## **11. Planned Interruption – Customer Requested**

### **11.1. Planned Interruption – Customer Requested (NEW)**

Where the customer requests to move a DNSP planned interruption and agrees to fund the additional cost of performing the associated planned distribution work outside of normal business hours.

## **12. Attendance at customer's premises – Statutory Right**

### **12.1. Attendance at customers premises – Statutory Right**

Recovery of costs associated with gaining access to a customer's premises under statutory law, in order to carry out necessary Essential Energy functions.

This task normally involves a meter technician returning to a customer's premises to undertake a service for a second time due to customer dissent during previous visits.



## **13. Inspection Services – Private Electrical installations and ASP's**

### **13.1. Inspection of Construction Work (by Level 1 ASP's)**

The inspection by Essential Energy of work undertaken by an ASP accredited to perform Level 1 work, for the purpose of ensuring the quality of the assets to be handed over to Essential Energy.

### **13.2. Inspection of service Work (Level 2 ASP's)**

The inspection by Essential Energy, in accordance with the DTIRIS Accredited Service Provider Scheme of work undertaken by a Level 2 ASP, for the purpose of ensuring the quality of assets to be handed over to Essential Energy.

### **13.3. Re-inspection of Work of a Service Provider (Level 1 & 2 ASP's work)**

The re-inspection by Essential Energy of work (other than customer installation work) undertaken by an ASP accredited to perform Level 1 or Level 2 work, for the reason that on first inspection the work was found not to be satisfactory.

### **13.4. Re-inspection Customer Installation**

The re-inspection by a DNSP of private electrical wiring work undertaken by an electrical contractor, required where the first inspection revealed defective work.

### **13.5. Investigation, review and implementation of remedial actions associated with work performed by ASPs**

The investigation, review and implementation of remedial actions associated with contestable connection works, leading to corrective and disciplinary action against an ASP due to unsafe practices, substandard workmanship or other serious circumstances.

### **13.6. Substation Inspections (NEW)**

The inspection by Essential Energy of substations installed by an ASP accredited to perform Level 1 work, for the purpose of ensuring the quality of the assets to be handed over to Essential Energy.

This service is in addition to other Level 1 inspection services, where substations have been installed as part of new contestable connection works.

### **13.7. Inspection service of privately owned electrical infrastructure (NEW)**

The inspection by Essential Energy of privately owned low voltage or high voltage network infrastructure (i.e. privately-owned distribution infrastructure before the meter).

### **13.8. Inspect Installation (customers) (NEW) infrastructure (NEW)**

Initial inspection by a DNSP of private electrical wiring work undertaken by an electrical contractor. Inspection of electrical work as submitted within the Certificate of Compliance for electrical work (CCEW), as required under the Electricity (Consumer Safety) Act 2004 and Electricity (Consumer Safety) Regulation 2015.

## **14. Provision of Training to 3<sup>rd</sup> Parties for Network Related Access (NEW)**

### **14.1. Provision of Training to ASPs for Network Assets**

Provision of Access Permit Recipient training as required for Essential Energy's ASP authorisation purposes.

To provide greater delivery flexibility, out of schedule courses can be requested pending resource availability but additional fees will apply. Where this occurs additional travel expenses are applied in addition to out of schedule course costs.

### **14.2. Provision of Design Related Training for Design Compliance (NEW)**

Provision of training services to level 3 ASP's which form part of Level 3 ASP authorisation or compliance with Essential Energy contestable design and certification systems and processes.

### **14.3. Provision of Training - Entry into Electrical Stations**

Provision of training and authorisation as required for entry within Essential Energy's electrical stations.



Legislation requires Essential Energy to control access to its electrical stations to suitably trained and authorised persons.

This course:

- > addresses the underpinning knowledge and outlines the responsibilities of people who are authorised to enter our electrical stations
- > covers all electrical stations including zone substations, padmount and ground type substations
- > acts as both an initial training and a refresher course, with refresher training being required every 2 years
- > must be successfully completed for a person to become authorised, including demonstrating required safe work practices, and the ability to identify and minimise risks whilst in these environments.

## 15. Customer Requested Lighting Services

### 15.1. Provision of Security Lighting (NEW)

Provision of security flood lighting (night watch) as requested of a customer to provide lighting to a private property. Service to include installation, maintenance and usage.

### 15.2. Provision of Luminaire Glare Shield (NEW)

Supply and installation of a streetlight luminaire glare shield at customer's request.

## 16. Off-Peak Conversion

### 16.1. Off-Peak Conversion

The alteration of the off-peak metering equipment at a customer's premises for the purpose of changing the hours of the metering equipment's operation. A charge for this service may be levied for each occasion that the service is provided.

## 17. Authorisation of ASPs

### 17.1. Authorisation of ASPs

The initial issue and annual renewal of authorisation by Essential Energy of individual employees or sub - contractors of an ASP to carry out work on or near Essential Energy's distribution system.

This may include without limitation:

- > confirmation of accreditation and registration status with DTIRIS
- > induction in the unique aspects of the network and associated Essential Energy's safety rules and access permit requirements
- > verification that the applicant has undertaken the necessary regulatory safety training (resuscitation etc) within the last 12 months
- > issuing authorisation cards
- > administration support directly related to authorisation.

To provide greater delivery flexibility, out of schedule courses can be requested pending resource availability but additional fees will apply. Where this occurs additional travel expenses are applied in addition to out of schedule course costs.

### 17.2. ASP Entity Authorisation Agreement (NEW)

Authorisation of ASP Entity includes the initial and annual renewal of ASP authorisation agreement by Essential Energy for ASP entities to carry out work on or near Essential Energy's distribution system.

This may include without limitation:

- > confirmation of entity accreditation status with the NSW ASP Scheme
- > induction in the unique aspects of the network
- > verification of authorised person associated with the entity

- > confirmation that the entity has provided all necessary documentation for ASP entity authorisation
- > acknowledged compliance with authorisation agreement
- > administration support directly related to the entity authorisation agreement.

## 18. Customer Initiated Asset Relocations

### 18.1. Design and construction of asset relocations – customer funded (NEW)

Design and construction of customer funded (contestable) asset relocations by Essential Energy in circumstances where:

- > the relocation work was initiated by a third party (including a customer); and
- > could impact the safety or security of the network, or
- > the third party is unable to secure the services of an alternative provider.

## 19. Termination of cable at Zone Substation – Distributer Required Performance

### 19.1. DNSP Provided cable jointing & termination services for contestable work (NEW)

Provision of Essential Energy staff to perform cable terminations / joints for contestable works where:

- > a work health and safety assessment determines that an ASP should not be given the required access to the zone substation; and
- > the connection is fully dedicated to the specific customer connecting

Service is in conjunction with but in addition to access permits and clearance to work.

## Connection Services

### 1. Premises Connection Assets

#### 1.1. Part A. Design & Construction of Connection Assets (NEW)

Provision of contestable design and construction services (ASP Level 1, 2 & 3) including both overhead and underground assets where a customer is unable to secure the service from the contestable market. The service will only be offered where it has been validated that there is no alternate supplier via Essential Energy's 'Provider of Last Resort' process. Connection services include any additions or upgrades of Sub transmission, Distribution and Service infrastructure (but excludes all metering services).

#### 1.2. Part C. Part design and construction of connection assets – customer requested (NEW)

Part design and construction of connection assets where a customer requests that connection assets are designed and constructed to an increased standard (beyond that required by the distributors' standards and policies), and where those works are designed and constructed by the distributor (as a result of safety, reliability or security reasons).

### 2. Extensions

#### 2.1. Part A. Design & Construction of Extensions (NEW)

Provision of contestable design and construction services (ASP Level 1, 2 & 3) including both overhead and underground assets where a customer is unable to secure the service from the contestable market. The service will only be offered where it has been validated that there is no alternate supplier via Essential Energy's 'Provider of Last Resort' process. Extensions include enhancement works to facilitate the connection to Sub transmission or Distribution infrastructure.

## 3. Augmentations

### 3.1. Part C. Design & Construction of Augmentations (NEW)

Provision of contestable design and construction services (ASP Level 1, 2 & 3) including both overhead and underground assets where a customer is unable to secure the service from the contestable market. The service will only be offered where it has been validated that there is no alternate supplier via Essential Energy's 'Provider of Last Resort' process. Augmentation services include any additions or upgrades of Sub Transmission or Distribution infrastructure which is not an extension.

### 3.2. Part D. Shared Network Enhancements (NEW)

Design and construction of shared network enlargement/enhancement. Where undertaken by a distributor where a customer requests that assets are designed and constructed to an increased standard (beyond that required by the distributor's standards and policies).

## 4. Connections under Chapter 5 of the NER

### 4.1. Part C. Design & Construction of assets (that are deemed non-contestable)

Design and construction of assets that are deemed non-contestable (generally as a result of safety, reliability or security reasons). These works could be connection, augmentation or extension works.

## 5. Reconnections / Disconnections

### 5.1. Disconnect / Reconnect – Vacant Premise

At the request of the retailer, a site visit to a customer's premises to disconnect or reconnect the supply of electricity due to:

- > a vacant premise; or
- > a site where the power is on.

If, following a request from a retailer, the reconnection component of this service is provided outside the hours of 7.30am and 4.00pm on a working day, the additional 'Reconnection - outside normal business hours' charge, will apply.

The disconnection/reconnection method will be at Essential Energy's discretion and will involve one of the following methods:

- > rotate plug in meter; or
- > removal of the service fuses; or
- > removal of barge board fuses; or
- > turn off and sticker covering main switch; or
- > turn off and tag and leave card.

### 5.2. Disconnect / Reconnect – Site visit only

A site visit to a customer's premises for the purpose of disconnecting or reconnecting the customer's supply at the request of a retailer. Disconnection or reconnection does not occur on that occasion, as customer payment is made or it is a wasted visit.

Disconnection may not occur due to a number of reasons such as but not limited to the following:

- > unable to access main switchboard or metering
- > breach of Customer Connection Contract has been rectified
- > safety of installation or Essential Energy's employee
- > late cancellation by retailer
- > change of customer or retailer for the NMI.

A site visit may also be charged for reconnections and other retailer requests due to a number of reasons such as but not limited to the following:

- > unable to access main switch board or metering
- > safety of Installation or Essential Energy's employee
- > late cancellation by retailer.

### **5.3. Disconnect / Reconnect – Pole Top / Pillar**

A site visit to a customer's premises to disconnect or reconnect the supply of electricity to a customer at the pole top or pillar box, for breach by the customer of their customer retail contract, or for a breach of Essential Energy's customer connection contract, or where a retailer supplier has requested that the supply to a customer be disconnected, where the customer has denied access to the meter or had prior to the visit, reconnected supply without authorisation by Essential Energy following a previous disconnection.

If following a request from a retailer the reconnection component of this service is provided outside the hours of 7.30am and 4.00pm on a working day, the additional 'Reconnection - outside normal business hours' charge, will also apply.

Disconnection may not occur due to a number of reasons such as but not limited to the following:

- > customer has paid retail bill
- > breach of customer connection contract has been rectified
- > safety of Installation or Essential Energy's employee
- > late cancellation by retailer
- > change of customer or retailer for the NMI.

In the cases listed above a 'Disconnection/Reconnection – Site Visit' charge will be applied.

### **5.4. Disconnect / Reconnect – Complete**

At the request of the retailer, a site visit to a customer's premises to disconnect or reconnect the supply of electricity to a customer for breach by the customer of their customer retail contract or for a breach of Essential Energy's customer connection contract, or where a retailer has requested that the supply to the customer be disconnected.

The disconnection/reconnection method will be at Essential Energy's discretion and will involve one of the following methods:

- > rotate plug in meter; or
- > removal/installation of the service fuses; or
- > removal/installation of barge board fuses; or
- > turn off/on and sticker covering main switch; or
- > turn off/on and tag and leave card.

If, following a request from a retailer, the reconnection component of this service is provided outside the hours of 7.30am and 4.00pm on a working day, the additional 'Reconnection - outside normal business hours' charge, will apply.

### **5.5. Disconnection – Technical Disconnection**

At the request of the retailer, a site visit to a customer's premises to disconnect or reconnect the supply of electricity to a customer for breach by the customer of their customer retail contract or for a breach of Essential Energy's customer connection contract, or where a retailer has requested that the supply to the customer be disconnected. The disconnection/reconnection method will be at Essential Energy's discretion and will involve a method not identified as a disconnection method for Disconnection/Reconnection – Disconnection completed (e.g. pull load tail out of meter).

If, following a request from a retailer, the reconnection component of this service is provided outside the hours of 7.30am and 4.00pm on a working day, the additional 'Reconnection - outside normal business hours' charge, will apply.

### **5.6. Reconnect – Outside of Normal Business Hours**

At the request of the retailer:

- > the provision of the reconnection component of either a 'De-energisation' sub type 'Remove Fuse (Non-Payment)' or

- > Pillar-Box Pit or Pole-Top (Non-Payment)' B2B service order, carried out, outside the hours of 7.30am and 4.00pm on a working day, or
- > the reconnection of electricity to a new customer outside the hours of 7.30am and 4:00pm on a working day.

Essential Energy may be notified to conduct this service via the use of the 'Re-energisation' B2B service order.

## 5.7. Illegal Connections

Work undertaken by Essential Energy to the property of Essential Energy or to the property of another person in order to:

- > investigate
- > de-energise and/or make safe the assets
- > inspect the assets following repair.

Following conduct that constitutes an offence under Part 6, Division 1 of the Electricity Supply Act 1995 (NSW). For example, to rectify an unauthorised connection to Essential Energy's distribution system. The assets will remain de-energised until an ASP has repaired the damaged assets (at the customer's expense) and Essential Energy has inspected the repaired assets.

# Metering Services

## 1. Special Meter Reading and Testing (legacy meters)

### 1.1. Move In / Move Out Read

B2B service orders from retailers to obtain a final read for customer move-outs or to obtain a start read where a customer is moving in to a site that has been vacant. These services are additional to the special meter reading, disconnection/reconnection and testing services.

Charges may also be levied due to a number of reasons, such as, but not limited to the following:

- > unable to access main switch board or metering
- > safety of installation or Essential Energy's employee
- > late cancellation by retailer
- > reconnection/disconnection for short periods, such as for holiday homes.

### 1.2. Special Meter Read (including wasted visit)

This service has the same meaning as the meaning given to the expression 'special meter reading' in the AEMO Metrology Procedure: Part A National Electricity Market. Essential Energy may be notified to conduct this service via the use of the 'Special Read' B2B service order. It excludes any special meter reading of metering installation types 1 to 4, which is an unregulated distribution service, but subject to a 'light-handed' form of control under Independent Pricing and Regulatory Tribunal of NSW (IPART) Rule 2004/1 Regulation of Excluded Distribution Services; and applies in each of the following circumstances:

- > where a customer or a retailer requests Essential Energy to undertake a special meter read, (but does not apply where the special meter read was requested solely to verify the accuracy of a scheduled meter read and the special meter read reveals that the scheduled meter read was inaccurate or in error); or
- > where Essential Energy attends a customer's premises for the sole purpose of discharging Essential Energy's obligation to read the customer's meter within the period specified by law (but not where Essential Energy merely chooses to read the customer's meter without being under a legal obligation to do so) and on attending the customer's premises Essential Energy is unable (through no act or omission of Essential Energy), to gain access to the meter; or
- > where Essential Energy and the customer agree on an appointed time at which Essential Energy may attend the customer's premises to enable Essential Energy to discharge Essential Energy's legal obligation referred to in the above paragraph and when Essential Energy attended at the customer's premises at the appointed time Essential Energy (through no act or omission), was unable to gain access to the customer's meter.

Essential Energy will not levy a charge for this service where the service reveals that a scheduled meter reading was inaccurate (as outlined above).

### **1.3. and 1.4 Special Meter Test – 1<sup>st</sup> & additional**

The testing of a single Essential Energy meter in accordance with AEMO Metrology Procedure: Part A National Electricity Market. Essential Energy may be notified to conduct this service via the use of the 'Meter Investigation' sub type 'Meter Test' B2B service order. It excludes metering installation types 1 to 4, the testing of which is an unregulated distribution service, but subject to a 'light-handed form of control under IPART Rule 2004/1 Regulation of Excluded Distribution Services.

If the meter test is undertaken on premises serviced by more than one meter associated with the NMI the following applies:

- > if the meter test reveals that all of the meters associated with the NMI are operating satisfactorily, Essential Energy will charge for each meter that a test was requested for; and
- > if the meter test reveals that one or more of the meters associated with the NMI are not operating satisfactorily, Essential Energy will not levy any charge for the provision of the service.

Test results will be provided to the party requesting the meter tests in a standard Essential Energy format. 'Meter Test – 1<sup>st</sup> charge will apply to the first meter tested for a NMI, all subsequent tests at the same NMI will be charged 'Special Meter Test – Additional meter charge'.

### **1.5. Special Meter Test – CT Meter (NEW)**

The testing of a single CT Essential Energy meter in accordance with AEMO Metrology Procedure: Part A National Electricity Market. Essential Energy may be notified to conduct this service via the use of the 'Meter Investigation' sub type 'Meter Test' B2B service order. It excludes metering installation types 1 to 4, the testing of which is an unregulated distribution service, but subject to a 'light-handed form of control under IPART Rule 2004/1 Regulation of Excluded Distribution Services.

If the meter test is undertaken on premises serviced by more than one meter associated with the NMI the following applies:

- > if the meter test reveals that all of the meters associated with the NMI are operating satisfactorily, Essential Energy will charge for each meter that a test was requested for; and
- > if the meter test reveals that one or more of the meters associated with the NMI are not operating satisfactorily, Essential Energy will not levy any charge for the provision of the service.

Test results will be provided to the party requesting the meter tests in a standard Essential Energy format.

## **2. Emergency Maintenance of Failed Metering Equipment (Retailer Owned)**

### **2.1. Unplanned Outage – Meter Fault (Site Attendance) (NEW)**

Site attendance by Essential Energy to an unplanned outage. Where it is determined that the cause of the fault is directly related to failure or incorrect installation of metering equipment not owned by Essential Energy.

Site attendance required by Essential Energy staff to determine the cause of the interruption.

Service may include the completion of temporary supply arrangements (bypass) and notification to retailer/metering coordinator. This may result in an unmetered supply arrangement at the site.

\*Essential Energy will impose an overtime fee for services provided outside the hours of 7:30am - 4:00pm Mon - Fri (ordinary hours).

### **2.2. Unplanned Outage – Meter HW Fault (Site Attendance) (NEW)**

Site attendance by Essential Energy to an unplanned hot water outage (No HW). Where it is determined that the cause of the fault is directly related to failure or incorrect installation of metering equipment not owned by Essential Energy.

Site attendance required by Essential Energy staff to determine the cause of the interruption.

Service may include the completion of temporary supply arrangements (bypass) and notification to retailer/metering coordinator.

\*Essential Energy will impose an overtime fee for services provided outside the hours of 7:30am - 4:00pm Mon - Fri (ordinary hours).

### **2.3. Unplanned Outage – Retailer Outage Impacting Non-Retailer Customer (Site Attendance) (NEW)**

Site attendance by Essential Energy to an unplanned outage. Where it is determined that the un-notified customers have been incorrectly isolated by a Metering Coordinator (MC).

Site attendance required by Essential Energy staff to determine the cause of the interruption to un-notified customers.

\*Essential Energy will impose an overtime fee for services provided outside the hours of 7:30am - 4:00pm Mon - Fri (ordinary hours)

#### **2.4. Unplanned Outage – Remote De-Energisation (Site Attendance) (NEW)**

Site attendance by Essential Energy to an unplanned outage where it is determined that incorrect isolation by remote de-energisation has caused an interruption to un-notified customers.

Site attendance required by Essential Energy staff to determine the cause of the interruption.

\*Essential Energy will impose an overtime fee for services provided outside the hours of 7:30am - 4:00pm Mon - Fri (ordinary hours).

### **3. Meter Recovery and Disposal – Type 5 & 6 (Legacy Meters) (NEW)**

#### **3.1. Redundant Meter Disposal (NEW)**

Service to manage and dispose of recovered redundant Type 5 and 6 Meters removed by a metering coordinator. Meters to be returned to an Essential Energy nominated storage facility or depot.

### **4. Distributer Arranged Outage for the Purpose of Replacing Meter**

#### **4.1. Retailer Requested Distributer Planned Interruption – Cancellation after Notification (NEW)**

Retailer requested Essential Energy notification of customers configured on shared fuse arrangements (non-retailer customers), to facilitate the replacement of retailer owned metering equipment.

Service to complete customer notifications and attend site for isolation, however retailer/MC cancels outage service order prior to planned interruption day. - no site attendance by Essential Energy.

#### **4.2. Retailer Requested Distributer Planned Interruption – Initial Visit (NEW)**

Retailer requested Essential Energy notification of customers configured on shared fuse arrangements (non-retailer customers), to facilitate the replacement of retailer owned metering equipment.

Initial site visit by Essential Energy staff to determine customers impacted by shared fuse isolation.

\*Essential Energy will impose an overtime fee for services provided outside the hours of 7:30am - 4:00pm Mon - Fri (ordinary hours).

#### **4.3. Retailer Requested Distributer Planned Interruption – Isolation Completed (NEW)**

Retailer requested Essential Energy notification of customers configured on shared fuse arrangements (non-retailer customers), to facilitate the replacement of retailer owned metering equipment.

Service to complete customer notifications and Essential Energy staff to attend site for isolation for up to 1 hour.

Additional labour charges may apply to isolations which require Essential Energy staff to attend site beyond the 1 hour allocation.

\*Essential Energy will impose an overtime fee for services provided outside the hours of 7:30am - 4:00pm Mon - Fri (ordinary hours).

#### **4.4. Retailer Requested Distributer Planned Interruption – Early Cancellation (NEW)**

Retailer requested Essential Energy notification of customers configured on shared fuse arrangements (non-retailer customers), to facilitate the replacement of retailer owned metering equipment.

Service to complete customer notifications and attend site for isolation, however MC cancels outage post customer notification - no site attendance required by Essential Energy.

#### **4.5. Retailer Requested Distributer Planned Interruption – MC No Attendance (NEW)**

Retailer requested Essential Energy notification of customers configured on shared fuse arrangements (non-retailer customers), to facilitate the replacement of retailer owned metering equipment.

Service to complete customer notifications and attend site for isolation, however MC does not attend site - wasted site visit by Essential Energy.

\*Essential Energy will impose an overtime fee for services provided outside the hours of 7:30am - 4:00pm Mon - Fri (ordinary hours).

## **5. Customer Requested Provision of Additional Metering Consumption Data**

### **5.1. Provision of Metering Consumption Data (NEW)**

At the request for metering or consumption data by a customer or authorised agent working on behalf of the customer.

Service is to provide metering or consumption data in excess to that provided by regulation.

## **Non-Standard Connection Services**

### **1. Non-Standard Connection Services**

#### **1.1 Part C. Inspection, Maintenance & Testing of Customer Assets (NEW)**

Provision of inspection, maintenance and testing services of customer owned assets including high voltage assets where a customer is unable to secure the service from the contestable market. The service will only be offered where it has been validated that there is no alternate supplier via Essential Energy's 'Provider of Last Resort process'. Service is limited to standard distribution and sub transmission assets and excludes emerging technologies e.g. PV systems, batteries, etc.