

AER APPROVED					
Code	Alternative Control Service - Fee Based	2017 (Ex GST)	2018 (Ex GST) Updated by CPI + X	2018 (Inc GST)	
Field Officer Visits – Existing Premises					
SPRDB	Special read (basic meter)	\$21.41	\$22.00	\$24.20	
SPRDI	Special read (interval meter)	\$21.41	\$22.00	\$24.20	
RECFIB	Re-energise (fuse insert)—BH (unit rate)	\$45.61	\$46.86	\$51.55	
DEENBH	De-energise (fuse removal)—BH (unit rate)	\$45.61	\$46.86	\$51.55	
EXREAH	Express move in re-energise (fuse insert) AH (unit rate)	\$127.27	\$130.76	\$143.84	
RECFAG	Re-energise (fuse insert)—AH (unit rate)	\$80.93	\$83.15	\$91.47	
DEENAH	De-energise (fuse removal)—AH (unit rate)				
SPRER	Express move in re-energise (fuse insert) BH (unit rate)	\$68.76	\$70.64	\$77.70	
DEENPS	De-energisation point of attachment (pole/pit/premise) - NEW 1 Jan 2016	\$352.53	\$362.19	\$398.41	
Temporary Supplies (exc inspection) – Coincident Disconnection					
TSCSPB	Standard single phase—BH (unit rate)	\$460.60	\$473.22	\$520.54	
TSCMPB	Multi phase to 100A—BH (unit rate)	\$460.41	\$473.02	\$520.32	
TSCSPA	Standard single phase—AH (unit rate)	\$703.43	\$722.70	\$794.97	
TSCMPA	Multi phase to 100A—AH (unit rate)	\$703.24	\$722.50	\$794.75	
Temporary Supplies (exc inspection) Where United Energy is not the Responsible Person					
TSSNRD	Single Phase Servicing and Energisation only BH	\$427.43	\$439.14	\$483.05	
TSMNRD	Multi Phase Servicing and Energisation only BH	\$427.43	\$439.14	\$483.05	
TSSNRA	Single Phase Servicing and Energisation only AH	\$703.43	\$722.70	\$794.97	
TSMNRA	Multi Phase Servicing and Energisation only AH	\$703.43	\$722.70	\$794.97	
New Connection where United Energy is the Responsible Person					
SPHCBG	Single phase single element—BH (unit rate)	\$460.60	\$473.22	\$520.54	
SPH2EB	Single phase two element (off-peak)—BH (unit rate)	\$460.60	\$473.22	\$520.54	
MPHCBG	Three phase direct connected—BH (unit rate)	\$460.41	\$473.02	\$520.32	
SPHCAG	Single phase single element—AH (unit rate)	\$703.43	\$722.70	\$794.97	
SPH2EA	Single phase two element (off-peak)—AH (unit rate)	\$703.43	\$722.70	\$794.97	
MPHCAG	Three phase direct connected—AH (unit rate)	\$703.24	\$722.50	\$794.75	
New Connections – where United Energy is Not the Responsible Person					
SPNRPB	Single phase single element—BH (unit rate)	\$427.43	\$439.14	\$483.05	
SP2NRB	Single phase two element (off-peak)—BH (unit rate)	\$427.43	\$439.14	\$483.05	
MPNRPB	Three phase direct connected—BH (unit rate)	\$427.43	\$439.14	\$483.05	
SPNRPA	Single phase single element—AH (unit rate)	\$703.43	\$722.70	\$794.97	
SP2NRA	Single phase two element (off-peak)—AH (unit rate)	\$703.43	\$722.70	\$794.97	
MPNRPA	Three phase direct connected—AH (unit rate)	\$703.43	\$722.70	\$794.97	
Service Vehicle Visits (without inspection)					
TVMINB	Service truck – first 30 minutes—BH (unit rate)	\$327.24	\$336.20	\$369.82	
TVADDB	Each additional 15 minutes—BH (unit rate)	\$67.67	\$69.52	\$76.47	
WTVBH	Wasted service truck visit—BH (unit rate)	\$283.84	\$291.61	\$320.77	
TVMINA	Service truck – first 30 minutes (2 hr min)—AH (unit rate)	\$724.23	\$744.07	\$818.48	
TVADDA	Each additional 15 minutes—AH (unit rate)	\$93.84	\$96.41	\$106.05	
WTVAH	Wasted service truck visit—AH (unit rate)	\$724.23	\$744.07	\$818.48	
			\$0.00		
TVAD1B	Truck Visit + 1x additional 15 mins BH	\$394.91	\$405.73	\$446.30	
TVAD2B	Truck Visit + 2x additional 15 mins BH	\$462.58	\$475.25	\$522.78	
TVAD3B	Truck Visit + 3x additional 15 mins BH	\$530.24	\$544.76	\$599.24	
TVAD4B	Truck Visit + 4x additional 15 mins BH	\$597.91	\$614.29	\$675.72	
TVAD5B	Truck Visit + 5x additional 15 mins BH	\$665.57	\$683.80	\$752.18	
TVAD6B	Truck Visit + 6x additional 15 mins BH	\$733.23	\$753.31	\$828.64	
TVAD1A	Truck Visit + 1x additional 15 mins AH	\$818.07	\$840.48	\$924.53	
TVAD2A	Truck Visit + 2x additional 15 mins AH	\$911.92	\$936.90	\$1,030.59	
TVAD3A	Truck Visit + 3x additional 15 mins AH	\$1,005.77	\$1,033.32	\$1,136.65	
TVAD4A	Truck Visit + 4x additional 15 mins AH	\$1,099.61	\$1,129.73	\$1,242.70	
TVAD5A	Truck Visit + 5x additional 15 mins AH	\$1,193.45	\$1,226.14	\$1,348.75	
TVAD6A	Truck Visit + 6x additional 15 mins AH	\$1,287.30	\$1,322.56	\$1,454.82	
Meter Equipment Test					
MTSPFM	Single phase	\$254.96	\$261.94	\$288.13	
MTSPAD	Single phase (each additional meter)	\$122.34	\$125.69	\$138.26	
MTMPFM	Multi phase	\$254.65	\$261.62	\$287.78	
MTMPAM	Multi phase (each additional meter)	\$122.34	\$125.69	\$138.26	
Remote AMI Services					
MECFRM	Remote Meter Configuration	\$60.81	\$62.48	\$68.73	
SPRDRM	Remote Special Meter Reading	\$0.82	\$0.84	\$0.92	
REENRM	Remote Re-Energise	\$10.27	\$10.55	\$11.61	
DEENRM	Remote de-Energise	\$10.27	\$10.55	\$11.61	
Alternative Control Service - Metering Services					
AMI Charges <160		2017 (Ex GST)	2018 (Ex GST) As per Tariff Model	2018 (Inc GST)	
1PNOP	Single Phase non off peak meter	\$60.89	\$57.58	\$63.34	
1POP	Single phase off peak meter *	\$60.89	\$57.58	\$63.34	
3DCL	Three phase direct connected meter	\$68.65	\$64.93	\$71.42	
3CTL	Three phase current transformer connector meter	\$72.80	\$68.85	\$75.73	
Prescribed Metering Service Charge					
NUOS	Unmetered Supplies – Public Lighting (Per light)	\$1.322	\$1.347	\$1.482	
AMI Exit Service					
		2017 (Ex GST)	2018 (Ex GST) AS per PTRM Metering Exit Fees Model	2018 (Inc GST)	
EXISPH	Single Phase Single Element Meter	\$428.66	\$387.88	\$426.67	
EXISP2	Single Phase Single Element Meter with Contactor	\$430.80	\$392.45	\$431.70	

EXI3PH	Three Phase Direct Connected Meter	\$479.56	\$436.60	\$480.26
EXI3CT	Three Phase Current Transformer Connected Meter	\$636.71	\$578.14	\$635.95

Table 16.1 AER final decision on X factors for each year of the 2016–20 regulatory control period (per cent)

	2017	2018	2019	2020
X factor	-0.37	-0.79	-0.96	-1.02

Source: AER analysis.

Note: To be clear, the labour price growth is positive for each year of the regulatory control period. However, in operating as de facto X factors in the price caps, positive labour price growth is presented as a negative value.

AER - Labour Price Growth (Final Decision May 2016)				
2016	2017	2018	2019	2020
	0.37%	0.79%	0.96%	1.02%

Jun'15	Jun'16	CPI	AER 2017 Labour Price Growth
	107.5	108.6	0.37%
	101.02%		1.02%
	Price change CPI + Labour Price Growth		101.4%

2017 - AER Tariff Submission			
2016 Rate	2016 Rate + CPI	Labour Price Growth	2017 Rate (2016 + CPI + Labour Growth)
\$123.25	\$124.51116	\$0.460691302	\$124.97
\$175.03	\$176.82100	\$0.654237717	\$177.48
\$144.48	\$145.95840	\$0.540046080	\$146.50
\$196.27	\$198.27834	\$0.733629873	\$199.01
\$95.23	\$96.20445	\$0.355956452	\$96.56
\$181.51	\$183.36731	\$0.678459053	\$184.05
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Jun'16	Jun'17	CPI	AER 2018 Labour Price Growth	
	108.6	110.7	0.79%	
	101.93%		1.93%	0.0193
	Price change CPI + Labour Price Growth		1.0273898	

2018 - AER Tariff Submission			
2017 Rate	2017 Rate + CPI	Labour Price Growth	2018 Rate (2017 + CPI + Labour Growth)
\$124.97	\$127.38655	\$1.006353721	\$128.39
\$177.48	\$180.91193	\$1.429204276	\$182.34
\$146.50	\$149.33287	\$1.179729696	\$150.51
\$199.01	\$202.85826	\$1.602580251	\$204.46
\$96.56	\$98.42718	\$0.777574740	\$99.20
\$184.05	\$187.60898	\$1.482110925	\$189.09
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Figure 16.1 Fee based ancillary network services formula

$$\bar{p}_t^i \geq p_t^i \quad i=1, \dots, n \text{ and } t=2, 3, 4, 5$$

$$\bar{p}_t^i = \bar{p}_{t-1}^i (1 + CPI_t) (1 - X_t^i)$$



UE hourly charge out rates for quoted alternative control services based on AER Final decision (May 2016)	Final Decision (May 2016) 2016 Rate (Ex GST)	2017 Rate Ex GST	2017 Rate (Incl GST)	2018 Rate Ex GST	2018 Rate (Incl GST)
Field worker - one person - BH	\$123.25	\$124.97	\$137.47	\$128.39	\$141.23
Field worker - one person - AH	\$175.03	\$177.48	\$195.23	\$182.34	\$200.57
Field worker - one person plus vehicle - BH	\$144.48	\$146.50	\$161.15	\$150.51	\$165.56
Field worker - one person plus vehicle - AH	\$196.27	\$199.01	\$218.91	\$204.46	\$224.91
Administration - BH	\$95.23	\$96.56	\$106.22	\$99.20	\$109.12

Senior engineer - BH	\$181.51	\$184.05	\$202.46	\$189.09	\$208.00
Project planner - BH	\$181.51	\$184.05	\$202.46	\$189.09	\$208.00

