



Connecting to the Energex Network

Fees and Charges 2020/21

27 August 2020

Connecting to the Energex Network

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1. INTRODUCTION

This information sheet outlines the fees and charges applicable to customers and developers for Connection Services.

The Australian Energy Regulator (AER) determines the classification of services provided by Distribution Network Service providers. The cost of these services can be either directly charged to the customer or recovered through revenue obtained from all customer network tariffs. Services that can be directly charged to the customer are classified by the AER as Alternative Control Services (ACS) and in some cases these services may also be contestable. In previous years the fees associated with Connection Services have been subsidised by the general customer base through Energex's network tariffs.

The following fees apply for 2020 / 2021 ACS Connection Services.

2. SMALL CUSTOMER CONNECTIONS REQUIRING NETWORK UPGRADE OR EXTENSION (ESTIMATED MAXIMUM DEMAND UP TO 1000KVA)

| Service | 2020 / 2021 Fee (excluding GST) |
|--|---------------------------------|
| Pre-connection Services e.g. feasibility study, site inspection | Quoted |
| Project Assessment: | |
| Note – Project Assessment Fees are non-refundable. | |
| <ul style="list-style-type: none"> up to 200amps Energex LV only works | \$1,320 |
| <ul style="list-style-type: none"> up to 200 amps Energex HV works (i.e. Transformer works required) | \$3,960 |
| <ul style="list-style-type: none"> greater than 200 amps | \$5,941 |
| <ul style="list-style-type: none"> desktop only planning study required (i.e. simple network investigations and/or voltage studies) | \$330 |
| <ul style="list-style-type: none"> re-work of planning effort (i.e. significant customer scope changes; or multiple resubmissions of customer substation site drawings) | \$165 per/hr (min 1 hr) |
| Negotiate Terms and Conditions of Network Connection Contract | \$1,320 |

Other connection charges or capital contribution may also apply – refer section 6 below.

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3. MAJOR CUSTOMER CONNECTIONS – LOAD CONNECTION – (ETSIMATED MAX DEMAND GREATER THAN 1000KVA)

| Service | 2020 / 2021 Fee (excluding GST) |
|---|------------------------------------|
| Feasibility and concept scoping, including planning and design, for major customer connections | |
| <ul style="list-style-type: none"> Detailed design and advice for major customer connections for the selected (preferred) connection option. This includes shared network planning and design works incurred during the feasibility and concept scoping phases (i.e. before the connection offer has been accepted) site specific connection advice | Quoted |
| Connection Application <ul style="list-style-type: none"> Costs of all work anticipated to arise from investigating the application to connect and preparing the associated offer to connect including the reasonable costs anticipated to be incurred by AEMO and other Network Service Providers whose participation in the assessment of the application to connect will be required | Quoted |
| Energex Design and Construct: | |
| <ul style="list-style-type: none"> Design and Construction of connection assets and any relevant augmentation | Quoted |
| <ul style="list-style-type: none"> Switching and commissioning | Quoted |
| Developer Design and Construct: | |
| <ul style="list-style-type: none"> Design Audit, review, issue specifications Fee | Quoted |
| <ul style="list-style-type: none"> Final Product Audit and report Fee | Quoted |
| <ul style="list-style-type: none"> Switching and commissioning | Quoted |
| Generator R1 R2 <ul style="list-style-type: none"> Registered Data consisting of data validated and agreed between the Network Service Provider and the Registered Participant, prior to actual connection and provision of access, data derived from manufacturers' data, detailed design calculations, works or site tests etc. (R1); and after connection, data derived from on-system testing (R2). | Quoted |

Note: For more information and worked examples of quoted services for generators under Chapter 5 of the NER, please refer the Embedded Generation Information Pack

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4. EMBEDDED GENERATION – LV (EG) >30KVA – 1,500KVA SITE SPECIFIC ENQUIRY RESPONSE

| Inverter Energy System | Inverter kVA/Rotating Machine Operation | 2020 / 2021 Fee (excluding GST) |
|--------------------------------|---|---------------------------------|
| Site Specific Enquiry Response | 30kVA -200kVA | \$826 |
| | 201kVA - 1500kVA | |
| | Bumpless transfer up to 2 seconds | |
| | Standby (for testing only) up to 6 hours every 3 months | |
| | Continuous Parallel greater than 24 hours in a year | |

5. EMBEDDED GENERATION – LV (EG) >30KVA – 1,500KVA INDICATIVE APPLICATION & COMPLIANCE REVIEW

| Application and Compliance Fee | Inverter kVA/Rotating Machine Operation | 2020 / 2021 Fee (excluding GST) |
|----------------------------------|---|---------------------------------|
| Basic Connection | 30kVA -200kVA | \$413 |
| Negotiated Connection Solar | 30kVA -200kVA | \$1,033 |
| Negotiated Connection Solar | 201kVA - 500kVA | \$2,686 |
| Negotiated Connection Solar | 501kVA - 1500kVA | \$3,513 |
| Rotating Machine Based EG System | Bumpless transfer up to 2 seconds | \$1,653 |
| Rotating Machine Based EG System | Standby (for testing only) up to 6 hours every 3 months | \$4,546 |
| Rotating Machine Based EG System | Continuous Parallel greater than 24 hours in a year | \$6,613 |
| Other | Complex Applications | Quoted |

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6. SUBDIVISION AND STREET LIGHT (DEVELOPER DESIGN & CONSTRUCT)

6.1 Design Application Fee – Subdivision and Rate 2 Street Lighting

| Number of Subdivision lots (includes balance lots) | 2020 / 2021 Fee (based on Consultants Rating) | | |
|---|--|--|------------------|
| | A | B | C |
| | (excluding GST) | (excluding GST) | (excluding GST) |
| 0 – 5 | \$438 | \$876 | \$1,315 |
| 6 – 25 | \$1,146 | \$1,719 | \$2,292 |
| 26 – 50 | \$1,483 | \$2,225 | \$2,966 |
| >50 or complex project | \$1,815 | \$2,723 | \$3,630 |
| Re-submission | \$165/hr (min 1hr) | | |
| Subdivision Bond | Community Title \$2,500 per dwelling | Freehold lot URD or C&I \$2,500 per lot | \$15,000 minimum |

6.2 Subdivision Final Product Audit Fee

| Number of Subdivision lots (includes balance lots) | 2020 / 2021 Fee (excluding GST) |
|---|------------------------------------|
| 0-6 | \$459 |
| 7 – 30 | \$735 |
| 31 – 60 | \$879 |
| >60 | \$980 |

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6.3 Rate 2 Street Lighting Final Product Audit

| Number of street lights | 2020 / 2021 Fee (excluding GST) |
|-------------------------|------------------------------------|
| 0 – 5 | \$459 |
| 6 – 49 | \$845 |
| 50 – 100 | \$1,187 |
| 101- 149 | \$1,836 |
| 150 – 199 | \$2,484 |

6.4 Design Lodgement Fee – Rate 3 & 8 Street Lighting

| Number of street lights | 2020 / 2021 Fee (excluding GST) |
|-------------------------|------------------------------------|
| 0-6 | \$166 |
| 7 – 30 | \$248 |
| >30 | \$496 |

6.5 Subdivision Switching Fees

| Activity | 2020 / 2021 Fee (excluding GST) |
|-------------------------|------------------------------------|
| LV Only | \$262 |
| Simple HV & LV | \$2,819 |
| HV & LV | \$3,642 |
| Live Line & LV | \$3,257 |
| Live Line, HV & LV | \$4,676 |
| Generator Set (per day) | \$3,002 |
| Level 2 Cable Test | \$1,121 |
| ID and Spike | \$766 |

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5.6 Live Line Activities

| Activity | 2020 / 2021 Fee (excluding GST) |
|--|------------------------------------|
| Install stirrups on existing pole only | \$1,795 |
| Drop 1 Span of 11kV mains | \$2,505 |
| Erect 11kV Termination x-arm (on pole or raiser) | \$2,978 |
| Cut & Shut 11kV mains | \$3,688 |
| Erect 1 Span of 11kV Mains | \$3,688 |
| Erect Mid span pole & install stirrups, including Proline | \$4,341 |
| Replace pole, including Proline | \$4,634 |
| Erect 11kv ABS on existing pole & bridge | \$4,989 |
| Move exist 11kV pin onto raiser and erect 11kv termination x-arm | \$5,817 |
| Cut & Shut 11kv mains & erect ABS on pole | \$6,882 |
| Install and Recover Temporary 11kV Links | \$2,978 |
| Other switching activities | Quoted |

7. PUBLIC LIGHTING GLARE SHEILDS

| Activity | 2020 / 2021 Fee (excluding GST) |
|--|------------------------------------|
| Replacement of existing street light luminaire with LED aero screen low glare luminaire | \$570 |
| Customer requests the supply and installation of adhesive luminaire glare screen | \$210 |
| Customer requests the supply and installation of standard luminaire glare screen – internal (Baffle) | \$170 |

8. OTHER CONNECTION CHARGES

Other connections charges or capital contribution may apply in accordance with Energex's Connection Policy which is approved by the Australian Energy Regulator and published on the Energex website. These charges apply if the value of network upgrade work funded by Energex to

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enable the connection exceeds an economic return threshold assessed using electricity demand and consumption estimates submitted in the customer's connection application or enquiry.

If Energex is your meter provider, Energex will install metering equipment (of a type and quantity to be determined by Energex) and will impose the metering charges set out in the Energex Tariff Schedule, please visit www.energex.com.au/pricing.

9. QUOTED FEES

For quoted fees the final amount to be invoiced will be charged based on services provided by Energex and in accordance with Energex's applicable regulatory instruments. Services listed are classified as quoted services, prices provided are current at the time of publication.

10. CONTACT US

To report loss of supply:

13 62 62

For electricity emergencies:

13 19 62

For general enquiries:

energex.com.au

custserve@energex.com.au

13 12 53 (8am to 5:30pm, Monday to Friday)

Telephone interpreter service 13 14 50



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