Energisation of Supply Line for Consumer's Electrical Installation Taking Electricity from Landlord's Switchboard In the New Electricity Market

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Topics

- Acts and Regulations Governing Consumers’ Electrical Installations
- Procedures For Supply To Tenant’s Licensed Electrical Installations for Non-Contestable Consumers
- Procedures For Supply To Tenant’s Licensed Electrical Installations for Contestable Consumers
- Action To Be Taken by EMA on Consumers’ Electrical Installations
Acts & Regulations Governing Consumers’ Electrical Installations

Currently the following Acts & Regulations are being enforced by Regulation Division in respect of consumers’ installations:

1. The Public Utilities Act (Cap. 261)
   - The Public Utilities (Electricity) Regulations 1997
   - The Public Utilities (Electricity Supply) Regulations 1997
   - The Public Utilities (Licence to Use or Operate Electrical or Supply Installations) Regulations 1997

2. The Electrical Workers & Contractors Licensing Act (Cap. 89)
   - The Electrical Workers and Contractors Licensing Regulations 1997
Acts & Regulations Governing Consumers’ Electrical Installations

- When the NEM opens, the relevant parts of the following Acts and Regulations will come into operation in stages:
  - Electricity Act (Cap. 89A)
  - Regulations under the Electricity Act dealing with the following matters:
    - Electricity Supply
    - Electrical Installations
    - Licensing Of Electrical Workers
    - Licensing of Electrical And Supply Installations
• The following Act and Regulations will be repealed in Dec 2002:
  • The Electrical Workers & Contractors Licensing Act (Cap. 89)
  • The Electrical Workers and Contractors Licensing Regulations 1997

• The relevant parts of the Public Utilities Act (Cap. 261) and the regulations made will be repealed in tandem with opening of new electricity market.

• All licensed electrical workers will be informed of the changes in Acts and Regulations via circular in due course
Procedures For Energisation of Supply Line To Tenant’s Electrical Installation for Non-Contestable Consumer

1. Open account and sign agreement with MSSL
2. Obtain licence for the electrical installation from EMA (where necessary)

Seek clearance from landlord’s LEW for supply line connection and other technical requirements

Equipment testing and safety inspection by LEW

To supervise and ensure that the electrical setup is in accordance with:
   a. the relevant codes of practice and regulations; and
   b. any other technical requirements imposed by the landlord’s LEW.

1. Engage LEW for electrical work
2. Obtain load approval from landlord who shall process request in consultation with his LEW

Yes

Landlord’s LEW accepts EI for connection?

No

Install electricity meters

For electrical installation not exceeding 45 kVA, exempted from licensing and supplied from landlord’s switchboard, MSSL check the installation and if passed, tenant’s LEW to energise supply line and issue SOTO2; consumer to acknowledge SOTO2.

For installation other than (a), landlord’s LEW to energise supply line and issue SOTO3; LEW responsible for the design and installation of EI to acknowledge SOTO3; and LEW operates EI to acknowledge SOTO3; consumer to acknowledge SOTO3.

Note:
1. Certificate of Compliance (COC) in prescribed form as shown in Appendix 1.
2. Statement of Turn-On (SOTO) in prescribed form as shown in Appendix 2.
3. Statement of Turn-On (SOTO) in prescribed form as shown in Appendix 3.

Energy Market Authority
CERTIFICATE OF COMPLIANCE
[Regulation 5(2) of the Electricity (Electrical Installations) Regulations 2002]

Particulars of Electrical Installation

Name of Consumer : _______________________________________________
Address of Installation : _______________________________________________
____________________________________________________________________
Electric Installation Licence No. ___________  MSS Account No. _____________
Approved load & Supply Voltage: _______________ kW ____________ Volts

Generator(s) Installed:  
- Operated in parallel with PowerGrid’s supply.
  No. of generator: _______ Rating: _________ kVA
- Standby generator.
  No. of generator: _______ Rating: _________ kVA
- Not applicable

Certification by Licensed Electrical Worker

I certify that the above-mentioned Electrical Installation complies with the requirements of the Electricity (Electrical Installations) Regulations 2002 and the Singapore Standards CP 5. I further certify that the technical requirements as stipulated by the person responsible for turning on the switchgear which controls the supply of electricity to the said electrical installation have been complied with.

I hereby request for the energisation of the supply line to the said Electrical Installation on _________________ (date).

__________________________________________  Licence No.  Date
Name & Signature of LEW

Copy to:
Market Support Services Licensee
STATEMENT OF TURN-ON OF ELECTRICITY
[Regulation 5(4) of the Electricity (Electrical Installations) Regulations 2002]

ELECTRICITY SUPPLY TO ________________________________
(Name of Applicant)

AT ____________________________________________
(Address of Installation)

I acknowledge that the above-mentioned electrical installation has been checked by the market support services licensee. I have energised the supply line to the installation on ________________ at ________________.

(date) (time)

Name & Signature of person responsible for Licence No. Date energisation of supply line

________________________

I acknowledge that the supply line has been energised on the date and time indicated above.

Name & Signature of Applicant or his representatives NRIC / Passport No. Date

This form is applicable to electrical installation exempted from licensing.

REF: E(EI)Reg5(4)
STATEMENT OF TURN-ON OF ELECTRICITY  
[Regulation 5(4) of the Electricity (Electrical Installations) Regulations 2002]

ELECTRICITY SUPPLY TO ____________________________________________  
(Name of Applicant)

AT ____________________________________________________________  
(Address of Installation)

ELECTRICAL INSTALLATION LICENCE NO*: __________________________

I agree that the above-mentioned electrical installation is suitable for connection to the electrical system. I certify that the supply line to the installation has been energised on __________________ at __________________.  
(date)    (time)

Name & Signature of person responsible for energisation of supply line Licence No. Date

I acknowledge that the supply line has been energised on the date and time indicated above.

Name & Signature of LEW requesting for energisation of supply line Licence No. Date

I acknowledge that the supply line has been energised on the date and time indicated above and confirm that I will be responsible for the operation of this electrical installation hereafter.

Name & Signature of LEW responsible for the operation of the electrical installation* Licence No. Date

I acknowledge that the supply line has been energised on the date and time indicated above.

Name & Signature of Applicant NRIC / Passport No. Date

This form is applicable to licensed electrical installation only.

REF: E(EI)Reg5(4)
Procedures For Energisation of Supply Line To Tenant’s Licensed Electrical Installation for Contestable Consumer

Consumer with retailer
1 Engage LEW for electrical work
2 Choose retailer
3 Obtain load approval from landlord who shall process request in consultation with his LEW

Consumer without retailer²
1 Engage LEW for electrical work
2 Obtain load approval from landlord who shall process request in consultation with his LEW

All consumers
1 Open account with MSSL and sign agreement;
2 Obtain licence for the electrical installation from EMA (where necessary)

Retailer
Offers electricity supply package

Tenant’s LEW
Seek clearance from landlord’s LEW for supply line connection and other technical requirements

To supervise and ensure that the electrical set up is in accordance with:
a. the relevant codes of practice and regulations; and
b. any other technical requirements imposed by the landlord’s LEW.

Yes
Landlord’s LEW accepts EI for connection?

No

Landlord’s LEW

To
a. Request for meter installation with MSSL and arrange with PG for installation of meter;
b. Issue COC to landlord’s LEW with copy to MSSL and confirm account activation date;
c. Arrange with landlord’s LEW for energisation of supply line;

Install electricity meters

PG

LEW, landlord’s LEW & Consumer representative

Note:
1 Statement of Turn-On (SOTO) in prescribed form (see Appendix 3).
2 Requires EMA licence to trade in whole sale electricity market directly; or purchase from wholesale electricity market indirectly through MSSL.

- Landlord’s LEW to energise supply line and issue SOTO¹;
- LEW responsible for the design and installation of EI to acknowledge SOTO¹;
- LEW operates EI to acknowledge SOTO¹;
- Consumer to acknowledge SOTO¹.
Action To Be Taken by EMA on Consumers’ Electrical Installations

• It is a **mandatory** requirement for the relevant LEW to issue **Certificate of Compliance (COC)** and **Statement of Turn on (SOTO)** for the purpose of turn-on of electricity supply to the consumer’s electrical installation. EMA will conduct spot checks to ensure that both consumers and LEWs comply with the requirement.

• EMA will continue with its current practice of spot checks on consumers’ electrical installations including those at construction sites after supply turn on and take appropriate action where necessary. This will help to weed out unhealthy competition among LEWs. Details will be made known to all LEWs via circulars.

• EMA will investigate into any complaint or feedback on non-compliance of the regulations or codes of practice received and take appropriate action when necessary.
Publication on EMA web site

- Contractors who have been convicted for engaging non-licensed persons to perform electrical work will have their names published on the EMA web site for public information.

- LEWs whose licences are suspended will be published on the EMA web site.

- A list of LEWs who are prepared to offer electrical services to consumers whose electrical installations are exempted from licensing will be published on the EMA web site. This will facilitate checking by members of the public on the validity of licences of electrical workers before they engage any LEW to carry out electrical work.
Thank you for your attention .......