



Policy: Unmetered Supply

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\* Shall be the Process Owner and is the person assigned authority and responsibility for managing the whole process, end-to-end, which may extend across more than one division and/or functions, in order to deliver agreed business results.

\*\* Frequency period is dependent upon circumstances– maximum is 5 years from last issue, review, or revision whichever is the latest. If left blank, the default shall be 1 year unless otherwise specified.

Revision Control		
Revision	Date	Description
0	01/06/2009	Initial Document
1	24/06/2015	First Revision

STAKEHOLDERS	
The following positions shall be consulted if an update or review is required:	
Manager Engineering & Projects Services	<b>Regional Asset Managers</b>
Manager Capacity Management Services	
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# 1 PURPOSE

## 1.1 Statement

This Unmetered Supply policy is to inform Horizon Power's customers seeking to apply for an unmetered point of electricity supply (UMS) within Horizon Power's operational areas, commonly known as the North West Interconnected System (NWIS) and all the Non-Interconnected Systems (NIS) of the impacts relating to request.

## 1.2 Scope

Unmetered Supply (Supplying Customer's Asset on Public Land) shall only apply to:

- Local government parking ticket machines
  - Local government Irrigation controllers
  - Illuminated street signs
  - Sewerage and drainage pipe alarms
  - Pedestrian lighting (cycle-ways and underpasses)
  - Curb-side furniture (illuminated bus stops and signage)
  - Communication devices/transmitters sites
  - Public phone boxes
  - Streetlights
- a) Street lights (Customer Asset)
    - i. Road/Street lighting a Local Government asset in a public place
    - ii. Road/Street lighting a Road Authority asset in a public place
    - iii. Traffic lights, rail crossing and pedestrian lighting a Road or Rail authority asset in a public place
  - b) Street lights (Horizon Power Asset)
    - i. Road/Street lighting in a public place paid for by Local Government
    - ii. Road/Street lighting in a public place paid for by Road Authorities
    - iii. Customer's premises Security Lighting in a public place paid for by a customer

Unmetered supplies are not available for loads in excess of 1.0 kW based on connected wattage and must be metered if they exceed 1.0 kW, except by agreement with Main Roads and Local Government Authorities.

Unmetered supply load subject to customer controlled variations in durations of usage is not permitted (i.e. water pumping). No temporary unmetered supply will be made available (i.e. festival lighting and Christmas lighting), any such supply must be metered.

## 2 NORMATIVE REFERENCES

The following documents contain provisions that, though referenced in the text, constitute requirements of this standard, but are not limited to these documents. At time of publication, the editions indicated were valid. All standards and specifications are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the documents listed below. Information on currently valid national and international standards and specifications can be obtained from SAI Global.

### 2.1 Legislation and Standards

1. *Horizon Power Pricing Policy*, CS10: 1889349, available on the Horizon Power intranet at [http://powerlink/pricing\\_policy\\_for\\_residential\\_and\\_business\\_customers.html](http://powerlink/pricing_policy_for_residential_and_business_customers.html)
2. *Horizon Power Pricing Rules*, CS10: 1811759, available on the Horizon Power intranet at [http://powerlink/pricing\\_policy\\_for\\_residential\\_and\\_business\\_customers.html](http://powerlink/pricing_policy_for_residential_and_business_customers.html)
3. *Underground Distribution Schemes Manual*, CS10: 1586848, available at <http://www.horizonpower.com.au/2196.html> under the *Field Practice* tab.
4. *Western Australian Distribution Connections Manual*, available at [http://www.horizonpower.com.au/electrical\\_contractors.html](http://www.horizonpower.com.au/electrical_contractors.html)
5. *Western Australian Electrical Requirements*, available at <http://www.commerce.wa.gov.au/publications/wa-electrical-requirements-waer>

### 2.2 Definitions and Abbreviations

Table 1: Definitions and Abbreviations

<b>Applicant</b>	A government authority, utility, electrical contractor or individual who has permission from the relevant authority to establish a device, requiring an unmetered electrical connection in a public place.
<b>Customer</b>	Any Government Authority, Local Government Authority (LGA), utility (e.g. Main Roads) or other authorized organizations who retains ownership of the asset requiring an electrical supply in a public place and who will be responsible for the payment of the energy consumption charges that apply for that asset energy use.
<b>“Contractor Connect” Electrical Contractor</b>	Electrical Contractor who holds a current Electrical Contractors License and has satisfied the training requirements as defined by Horizon Power’s ‘Contractor Connect Scheme’
<b>Single-Phase Power</b>	Power which is supplied as a single source of alternating current, between two conductors consisting of ‘active’ and ‘neutral’.

### 3 REQUIREMENTS

This document shall be read in conjunction with the *Underground Distribution Scheme Manual* [3] and the *Western Australia Distribution Connections Manual* [4]

This document does not cover financial or commercial requirements, which are covered by the *Horizon Power Pricing Policy* [1] and the *Horizon Power Pricing Rules* [2].

### 4 APPLICATION

Unmetered supplies (UMS) are arranged for electrical equipment that is installed on public land and have the following characteristics:

- 1) A maximum load of 1 kW single-phase, where the energy used can be readily estimated and where it is not practical to install a meter.
- 2) The load is to be based on the total connected wattage (name plate rating) of the unmetered supply at the supply point.
- 3) Street lights, traffic lights, rail crossings, pedestrian and advertising lighting with a maximum connected load at the point of supply of 4.8 kW single phase. (by agreement with Main Roads and Local Government Authorities).

The applicant shall be responsible for ensuring that all the information on the form is correctly filled out and that all the criteria stated within the policy are met. Horizon Power reserves the right to reject any incomplete or unsuitable application.

For new supplies the applicant is responsible for identifying the applicable billing account and if none exists then the applicant must apply to create a Billing Account. All applications for new or upgraded unmetered supplies will be made on the Horizon Power form (CS # 2474441) with the heading 'Application for Unmetered Supply (including Street Lights)' and transmitted to the respective Horizon Power office.

Written approval shall be obtained from Horizon Power for each new application prior to installation of the unmetered supply.

Horizon Power must always initially energize the consumer mains for an unmetered supply, unless an electrical contractor registered in Horizon Power's 'Contractor Connect Scheme' for unmetered supply connections is used.

### 5 REMOVAL OF UNMETERED SUPPLIES ASSETS

- 1) If an unmetered supply becomes inactive, it must be removed unless the customer chooses to continue paying the supply and usage charges.
- 2) To arrange disconnection and removal of an unmetered supply, please contact our Customer Service Representatives on 1800 267 926 (residential) or 1800 737 036 (business) to arrange for a quotation for removal.

## APPENDIX A REVISION INFORMATION

(Informative) Horizon Power has endeavoured to provide standards of the highest quality and would appreciate notification if any errors are found or even queries raised.

Each Standard makes use of its own comment sheet which is maintained throughout the life of the standard, which lists all comments made by stakeholders regarding the standard.

A comment sheet **HPC-11DR-16-0001-COMM** found in **CS10# 3333956**, can be used to record any errors or queries found in or pertaining to this standard, which can then be addressed whenever the standard gets reviewed.

Date	Rev No.	Notes
01/06/2009	0	First Issue
24/06/2015	1	Reviewed with new HP format