

# Approved profiles

Version 2.2

## Version control

Version	Date amended	Comments
1.0	23/02/05	Initial guide sheet
1.1	08/02/06	New profiles AGE (Todd), SM1 (Meridian) and MPT (TrustPower) added to list
1.2	08/01/07	Rebranding, content unchanged
1.3	13/08/07	New Profiles TM1, TM2, TM3, TM4, TM5, TM6 and TM7 (SmartPower) added to the list
1.4	1/06/08	New profile TFL added to the list
2.0	11/12/08	Updated to reflect the Rules as at 1 November 2008 New profiles added TW1, TW2, TW3, TW4, TW5, TW6, and TW7 (Smart Power Ltd) added to the list
2.1	17/6/09	New profiles added PON and POD (Powershop New Zealand Limited)
2.1	12/10/09	Amendment to TM1: location change from Gore to Timaru.

## Overview

1. This information paper provides information on the current list of approved profile codes, as detailed in the Electricity Governance Rules 2003 (Rules).
2. Approved profile codes are used for classifying electricity consumers with similar consumption patterns. For more information on profiles see the information guide on profiling <http://www.electricitycommission.govt.nz/advisorygroups/pjtteam/reconproject>.
3. The general approach set out in this information guide in no way reduces the requirement upon participants to know and comply with their obligations under the Rules. Neither should it be interpreted as reflecting the Electricity Commission's (Commission) view on the Rules.



## **Glossary of abbreviations and terms**

<b>Board</b>	Electricity Commission Board
<b>Commission</b>	Electricity Commission
<b>Regulations</b>	Electricity Governance Regulations 2003
<b>Rules</b>	Electricity Governance Rules 2003



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## Introduction

4. Under rule 5.2 of schedule J5 of part J of the Rules, all approved profiles must be published by the market administrator. Appendix 1 to this information guide details all currently approved profiles, in accordance with the Rules.
5. A profile is defined in the Rules as a “fixed or variable electricity consumption pattern assigned to a particular group of meter registers or unmetered loads”. Consumption pattern means the way in which total electricity use for a certain period and group of users would be allocated across half hourly time periods.
6. Each approved profile must contain the following information:
  - (a) profile owner;
  - (b) description;
  - (c) metering installation characteristics;
  - (d) profile class; and
  - (e) profile reference.
7. This document contains a number of terms found in the Rules. These terms are defined in part A of the Rules.

## Explanation of terms

8. The “profile owner” is the legal entity that introduced the profile or is nominated to be the owner in accordance with the Rules.
9. The “description” provides some brief details on the type of consumer who is included in the profile.
10. The “metering installation characteristics” includes information on what type of metering is used by consumers in the profile and whether the electricity load is controlled or uncontrolled. The reference codes are as follows:
  - (a) “A” means the consumer has no meter;
  - (b) “B” means the consumer has a single register type meter;
  - (c) “C” means the consumer has a multi-register type meter;

- (d) "D" means the consumer contract is for controlled load; and
  - (e) "E" means the consumer contract is for uncontrolled load.
11. For example, the code "B & D" would mean that consumers in the profile have single register meters and have controlled load contracts.
  12. The "profile classes" are explained in the information guide on profiling. See <http://www.electricitycommission.govt.nz/advisorygroups/pjtteam/reconproject>.
  13. The "profile reference" is a unique three character alpha-numeric code used to identify the profile.

## **Additional information**

14. If you require any additional information on customer profiling please contact the market administrator:

Attention: Market administrator  
C/o Electricity Commission  
P O Box 10041  
Wellington

Telephone: 04 460 8873  
Fax: 04 460 8879  
Email: [retailoperations@electricitycommission.govt.nz](mailto:retailoperations@electricitycommission.govt.nz)

## **Appendices**

### **Appendix 1 Table of approved profiles**

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## Appendix 1 Table of approved profiles

Profile owner	Description	Metering installation characteristics	Profile class	Profile reference
<b>Contact Energy</b>	Ripple Switched 11pm to 7am plus Ripple controlled boost	B & D	1.2	E11
	Ripple Switched as variable times	B & D	1.2	E21
	Ripple Switched as variable times. Switched portion calculated	B & D/E	1.3	E24
	Ripple Switched 11pm to 7am	B & D	1.1	EO8
	Fully metered non controlled	B & E	1.4	GXP
	Ripple Switched 11pm to 7am	B & D	1.1	K08
	Ripple Switched as variable times. Switched portion calculated	B & D/E	1.3	K24
	Fully metered non controlled	B & E	1.4	KXP
	Fully metered non controlled	B & E	1.4	R40
	Fully metered non controlled	B & E	1.4	R62
<b>Mercury Energy</b>	Internally Switched Weekend days 0800 to 2400	C & D	1.1	ED1
	Internally Switched Weekend days 0800 to 2400	C & D	1.1	ED2
	Internally Switched Weekend days 0800 to 2400	C & D	1.1	ED3

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Profile owner	Description	Metering installation characteristics	Profile class	Profile reference
	Internally Switched Weekend nights 0000 to 0800	C & D	1.1	EN1
	Internally Switched Weekend nights 0000 to 0800	C & D	1.1	EN2
	Internally Switched Weekend nights 0000 to 0800	C & D	1.1	EN3
	Ripple Switched 0700 to 2200	C & D	1.1	ND1
	Ripple Switched 0700 to 2200	C & D	1.1	ND2
	Ripple Switched 0700 to 2200	C & D	1.1	ND3
	Ripple Switched 2200 to 0700	C & D	1.1	NN1
	Ripple Switched 2200 to 0700	C & D	1.1	NN2
	Ripple Switched 2200 to 0700	C & D	1.1	NN3
	Ripple Switched 2300 to 0700	B & D	1.2	NSV
	Ripple switched street lights	A & D	2.1	SLT
	Internally Switched Weekdays 0800 to 2400	C & D	1.1	WD1
	Internally Switched Weekdays 0800 to 2400	C & D	1.1	WD2
	Internally Switched Weekdays 0800 to 2400	C & D	1.1	WD3
	Internally Switched Weekday Nights 0000 to 0800	C & D	1.1	WN1
	Internally Switched Weekday nights 0000 to 0800	C & D	1.1	WN2
	Internally Switched Weekday nights 0000 to 0800	C & D	1.1	WN3

Profile owner	Description	Metering installation characteristics	Profile class	Profile reference
<b>Meridian Energy</b>	Base Load Profile	AE & BE	2.3	BCI
	Controlled Street Lighting	A & D	2.3	DST
	Default Estimates on Switching	A & E	1.4	MXP
	Smart Meter	CD & CE	1.1.4	SM1
	Unmetered traffic control signals	A & E	2.1	TFL
<b>Powershop New Zealand Limited</b>	Internally Switched Weekday Day 0700 to 2100	C & E	1.1.1	POD
	Internally Switched Weekday Night 2100 to 0700 and all Weekend	C & E	1.1.1	PON
<b>Smart Power Ltd</b>	Telecom Exchange - Timaru	B & E	2.4	TM1
	Telecom Exchange - Shirley (Christchurch)	B & E	2.4	TM2
	Telecom Exchange - Blenheim	B & E	2.4	TM3
	Telecom Exchange - Khandallah (Wellington)	B & E	2.4	TM4
	Telecom Exchange - Hastings	B & E	2.4	TM5
	Telecom Exchange - Ohaupo (Hamilton)	B & E	2.4	TM6

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Profile owner	Description	Metering installation characteristics	Profile class	Profile reference
	Telecom Exchange - Otara (Auckland)	B & E	2.4	TM7
	Telecom Whisper Cabinets – Dunedin	B & E	2.4	TW1
	Telecom Whisper Cabinets – Christchurch	B & E	2.4	TW2
	Telecom Whisper Cabinets – Nelson	B & E	2.4	TW3
	Telecom Whisper Cabinets – Wellington	B & E	2.4	TW4
	Telecom Whisper Cabinets – Napier	B & E	2.4	TW5
	Telecom Whisper Cabinets – Hamilton	B & E	2.4	TW6
	Telecom Whisper Cabinets – Auckland	B & E	2.4	TW7
<b>Todd Energy</b>	Street Lighting	A & E	2.1	BSL
	GXP Profile	BE & CE	1.1	TD1
	GXP Profile	BE & CE	1.1	TD2
	GXP Profile	BE & CE	1.1	TD3
	GXP Profile	BE & CE	1.1	TD4
	GXP Profile	BE & CE	1.1	TD5
	GXP Profile	BE & CE	1.1	TD6
	Uncontrolled 24 Hours	B & E	1.4	BOP

Profile owner	Description	Metering installation characteristics	Profile class	Profile reference
	GXP Profile	BE & CE	1.4	AGE
	Street Lighting	A & E	2.1	TSL
<b>TrustPower</b>	Ripple Switched 23:00 - 07:00	B/C & D	1.2	C23
	Ripple Switched 24:00 - 08:00	B/C & D	1.2	C24
	Ripple and Time clock Switched 9:00pm - 7:00am	C,D & C, E	1.1	TON
	Ripple and Time clock Switched 7:00am - 9:00pm	C,D & C, E	1.1	TOC
	Ripple Switched via Photocell	A & D	2.1	DCS
	Dairy Milking Sheds	C	2.2	DFM
	Street Lighting	A & E	2.1	HSL
	Telecom Payphones	A & E	2.1	PPD
	Ripple Switched 23:00 - 07:00	B/C & D	1.1	T07
	Ripple Switched 24:00 - 08:00	B/C & D	1.1	T08
	Ripple Switched 07:00 - 23:00	B/C & D	1.1	T23
	Ripple Switched 08:00 - 24:00	B/C & D	1.1	T24
<b>Stream Information</b>	Vodafone Mobile Phone Transmitter/Receivers	A & E	2.4	MPT

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Profile owner	Description	Metering installation characteristics	Profile class	Profile reference
<b>Genesis</b>	Fully metered non controlled	B & E	1.1	EOL
<b>Electricity Commission</b>	Profile code for SB records	A	1.7	DFP
	Non-photovoltaic embedded generation	C	2.5.2	EG1
	Default profile code for HHR submissions (refer to RM functional specification)	C	1.1	HHR
	Default profile for missing NHH submissions (refer to RM functional specification)	A	1.7	NHP
	Photovoltaic embedded generation	C	2.5.1	PV1
	Residual profile shape	B & E	1.4	RPS
	Unmetered load	A & E	1.5	UML