

# **Consumers Energy**

# **Electric Meter Equipment and Supplies**

## Customer Purchased Meter Sockets & Meter Equipment

EMES-15

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#### Introduction

- 1. This document is issued by Consumers Energy Company as a convenient reference and guide for customers and their architects, engineers, and contractors engaged in the planning, installing or revamping of that portion of the customer's electrical installation which is of mutual concern to the customer and the Company.
- 2. It is the intent and desire of the Company to render prompt, courteous and satisfactory service to its customers. The Company will endeavor to cooperate with customers, contractors, and others to the fullest extent possible in completing service connections quickly and will give special attention to any particularly difficult situation confronting a customer or their agent.
- 3. The practices suggested herein are the result of careful investigations and years of experience. Only those installations most frequently encountered are covered in this document. Improved techniques and devices, as well as amendments to, or revisions of, the Company's Electric Rate Schedules and Standard Rules and Regulations may, in the future, require alteration of the practices herein suggested.
- 4. This document is intended solely as a reference and guide, and the Company does not represent that compliance with its contents will necessarily assure, in all cases, safe installations or completely satisfy all Code requirements. Further, it is not a formal part of the Company's Rules and Regulations; neither is it all-inclusive, nor does it attempt to incorporate all Company policies or outline the conduct of the Company's business.
- 5. The Company disclaims any responsibility or liability, which may result from work performed in accordance with this document. Except as otherwise specifically stated herein, all work, equipment and materials covered herein shall be furnished, owned, installed and maintained by someone other than the Company, and the Company does not assume any risk, and will not be liable for any claims, demands, rights of action or expense for injuries to persons (including death) or damage to property resulting therefrom.
- 6. For information concerning the availability and characteristics of electric service and rates, contact the Company.

#### **Service Area and Offices**

#### **Territory Served**

The Company furnishes electric service in 61 counties in Michigan. The Company's service areas can be viewed at <u>Consumers Energy Company Service Territory Map</u>.

General Offices are located at One Energy Plaza, Jackson, Michigan.

Application for service and information concerning the Company's Rules and Regulations relative to providing electric service, characteristics of service available and rates can be obtained by contacting Consumers Energy at telephone number **1-800-477-5050**.

#### **General Information**

The document applies to customer-purchased meter sockets and meter equipment.

For standard electric metering installations, Consumers Energy will furnish 1- and 2-position meter sockets.

For other metering applications, customers will be required to purchase approved meter sockets from a distributor of their choice.

Approved customer purchased meter sockets include:

- Modular meter sockets and modular service entrance equipment
- Commercial Multi-Metering otherwise known as Switchboard Metering
- 3-6 position horizontal meter sockets
- Combination meter socket-transfer switch for generators
- 1-2 position combination meter socket disconnects
- Pre-manufactured metering pedestals

To learn about these specific items, you may refer to the approved metering equipment information found <u>here</u>.

For more detailed information regarding metering equipment installations, you may also refer to our publication <u>Electric Service and Metering Information & Requirements</u>, which is available on our website at <u>www.consumersenergy.com</u>.

#### **Requirements for Meter Sockets and Metering Equipment**

- It is important that **only approved meter sockets and metering equipment** be purchased and installed per Consumers Energy standards as described in <u>Important Information and Requirements</u>.
- Consumers Energy has the right to accept or reject metering installations, and will inspect metering equipment on site before setting meters.
- Meters will be set on approved equipment only, otherwise installations will be considered unacceptable and meters will not be set.

#### How to Apply for New / Upgraded Service

- 1. To start the process of applying for new service or upgrading an existing service, submit an online request via our <u>start/stop service function</u> or call our toll free number at **1-800-477-5050**.
- 2. When calling the toll free number, a Customer Service Representative assists with initiating a *Request for Service* and will direct the call to the Energy Request Center (ERC).
- 3. The ERC works with you to complete preliminary scoping and assigns a Project Coordinator or Tech depending on the scope of the job.
- 4. The Project Coordinator/Tech will contact you to review scope and tp assist with meter sockets and metering equipment needs.
  - 4.1 To purchase a meter socket or metering equipment, refer to the approved metering equipment information found on the following pages for manufacturers and specific catalog numbers to help you select the approved items for your metering installation.

#### **Policy and Procedures**

Electric meter sockets and metering equipment purchased by the customer must be approved by Consumers Energy and installed according to its standards.

Customers and/or contractors should only install equipment that is on the company's Approved list.

- Customers and/or contractors will need to work closely with the Project Coordinators to ensure that the proper equipment is purchased before installation.
- A metering installation that contains unapproved equipment or that is not installed in accordance with Consumers Energy's standards will be considered unacceptable and Consumers Energy will refuse electric service until the situation is corrected.
- Consumers Energy will not be held responsible for the removal of metering equipment that is unapproved or improperly installed, nor will it be held liable for any associated costs.
- Any maintenance or repair of the customer purchased meter sockets and metering equipment is the responsibility of the customer.

#### **Approval Process for Metering Equipment Not on the Approved List**

If a customer and/or contractor wish to use metering equipment that is not on the Approved list, then the customer and/or contractor or an agent on their behalf must go through an approval process.

- 1. To initiate the approval process, the customer, contractor or agent on their behalf must contact one of the Electric Meter Operations Zone Field Leaders in the service area where the proposed equipment is to be installed.
- 2. An evaluation will be conducted and the unit will either be approved or rejected. The customer is required to provide the following:
  - a. A functional sample of the unit.
  - b. The manufacturers detailed drawing or blueprint of the unit.
  - c. The manufacturers written specifications.
  - d. A manufacturers contact name and phone number.
- 3. Any disputes and decisions thereof regarding a meter socket or metering equipment purchase and/or installed by the customer will be handled by the appropriate Electric Meter Operations Zone Field Leader.

#### **Modular Metering Equipment Information**

Modular metering equipment is purchased by the customer. It is generally used for larger multi-unit dwellings such as apartment buildings and condominiums. This equipment can also be used for commercial applications such as strip malls and professional buildings.

Modular meter sockets are multiple-position sockets that can be connected to obtain various combinations of units as needed.

Approved modular metering equipment consists of modular meter sockets and modular service entrance equipment that are available in:

- 120/240-volt, 3 wire, single phase
- 120/208 volt, 3 wire Network, single phase
- 120/240 volt, 4 wire Delta, three phase
- 120/208 volt, 4 wire Wye, three phase
- 125 amp sockets, 200 amp sockets & 400 amp sockets (320A continuous duty).
- URD Service entrance modules are available in Pull/Tap/Terminal Boxes and combination Main Device with UG Pull box for utility URD wire termination.
- For 277/480 volt, 4 wire Wye, three phase services, see <u>Commercial Multi-Metering/Switchboard</u> <u>Metering</u>.



Figure 1

#### **Important Information and Requirements**

- All equipment must be UL listed and labeled.
- Sockets must have ringless covers, with Utility sealing hasps.
- Sockets must include horn by-passes.
- Units must contain a barriered, sealed compartment for unmetered, energized conductors and parts.
- Maximum height to the center of the top meter position is 66" above final grade (60" is preferred when installing shorter units).
- Minimum height to the center of the bottom meter position is 30" above final grade.
- Units are to be located outdoors.
- Equipment must be approved by Consumers Energy.
- Modular metering equipment must be installed in accordance with Consumers Energy standards and the *National Electric Code*.
- Because of the specific types of metering and service requirements for modular metering installations, further restrictions and requirements may apply. It is imperative to consult with your Project
  Coordinator or Tech before considering its use. Additionally, you must work with your supplier or distributor in determining specific equipment needs per your load requirements, making sure that only Consumers Energy-approved equipment is ordered and installed in accordance with Consumers Energy standards.
- See the following tables for specific listings on approved modular meter sockets and modular service entrance equipment.



#### **Approved List - Modular Meter Sockets**

120/240 Volt, 3 Wire, 1 Phase In - 1 Phase Out										
Amp	Meter Position			Siemens Catalog No.	Square D Catalog No.					
	2 Position	3MM212RRLB	TMPR8212R-HB	WMM21125RB	Not Available					
125 Amp,	3 Position	1MM312RRLB	TMPR8312R-HB	WMM31125RB	EZMH113125					
Modular Sockets	4 Position	1MM412RRLB	TMPR8412R-HB	WMM41125RB	EZMH114125					
	5 Position	1MM512RRLB	TMPR8512R-HB	WMM51125RB	EZMH115125					
	6 Position	Not Approved*	Not Approved*	Not Approved*	Not Approved*					
	2 Position	3MM220RRLB	TMPR8220R-HB	WMM21225RB	EZMH112225					
200 0	3 Position	1MM320RRLB	TMPR8320R-HB	WMM31225RB	EZMH113225					
200 Amp, Modular Sockets	4 Position	1MM420RRLB	TMPR8420R-HB	WMM41225RB	EZMH114225					
	5 Position	Not Available	Not Available	WMM51225RB	EZMH115225					
	6 Position	Not Available	Not Available	Not Approved*	Not Available					
320/400 Amp,	1 Position	35MM140R1240	Approval Pending	WML11400RJ	EZML111400					
Modular Sockets	2 Position	35MM240R1240	Approval Pending	WML21400RJ	EZML112400					
*Sockets exceed C	Consumers Er	nergy's min/max hei	ght requirements and	d are <i>not</i> approve	d.					

Table 1



#### NOTE

120/240 Volt, 3 Wire, 1 Phase In - 1 Phase Out, 400 Amp, K-4/Bolt-In, Modular Sockets. **NO LONGER APPROVED** 

120/208 Volt, 4 Wire, 3 Phase In - 1 Phase Out 'Network'										
Amp	Meter Position	C		Siemens Catalog No.	Square D Catalog No.					
	2 Position	3MM212RRLB**	TMPR8212R-HB**	WMM22125RJB	Not Available					
125 Amp,	3 Position	3MM312RRLB**	TMPR8312R-HB**	WMM32125RJB	EZMH313125					
Modular Sockets	4 Position	3MM412RRLB**	TMPR8412R-HB**	WMM42125RJB	EZMH314125					
SOCKELS	5 Position	3MM512RRLB**	TMPR8512R-HB**	WMM52125RJB	EZMH315125					
	6 Position	Not Approved*	Not Approved*	Not Approved*	Not Approved*					
	2 Position	3MM220RRLB**	TMPR8220R-HB**	WMM22225RJB	EZMH312225					
200 Amp,	3 Position	3MM320RRLB**	TMPR8320R-HB**	WMM32225RJB	EZMH313225					
Modular Sockets	4 Position	3MM420RRLB**	TMPR8420R-HB**	WMM42225RJB	EZMH314225					
SUCKELS	5 Position	Not Approved*	Not Approved*	WMM52225RJB	Not Approved*					
	6 Position	Not Approved*	Not Approved*	Not Approved*	Not Approved*					
320/400 Amp,	1 Position	35MM140R1240	Approval Pending	WML12400RJ	EZML311400					
Modular Sockets	2 Position	35MM240R1240	Approval Pending	WML22400RJ	EZML312400					

\*Sockets exceed Consumers Energy's min/max height requirements and are *not* approved.

\*\* Use appropriate suffix for proper phase balancing such as: AB, BC, or CA.

Table 2

120/208 Volt and 120/240V, 4 Wire, 3 Phase										
Amp	Meter Position			Siemens Catalog No.	Square D Catalog No.					
	1 Position	Not Available	Not Available	WML13100RJ	Not Available					
100 Amp, Lever Bypass, Modular	2 Position	Not Available	Not Available	WML23100RJ	Not Available					
Sockets	3 Position	Not Available	Not Available	WML33100RJ	Not Available					
	4 Position	Not Available	Not Available Not Approved*		Not Available					
	1 Position	37MM120R12	TMPR312122R	WML13225RJ	EZML331-225					
200 Amp, Lever Bypass, Modular	2 Position	37MM220R12	TMPR312222R	WML23225RJ	EZML332-225					
Sockets	3 Position	37MM320R12	TMPR312322R	WML33225RJ	EZML333-225					
	4 Position	Not Approved*	Not Approved*	Not Approved*	Not Approved*					
320/400 Amp, Lever Bypass,	1 Position	37MM140R1240	Approval Pending	WML13400RJ	EZML331400					
Modular Sockets	2 Position	37MM240R1240	Approval Pending	WML23400RJ	EZML332400					
*Sockets exceed (	onsumers En	ergy's min/may bei	aht requirements and	are not approved						

\*Sockets exceed Consumers Energy's min/max height requirements and are *not* approved. \*\* Use appropriate suffix for proper phase balancing such as: AB, BC, or CA.

#### Table 3

#### NOTE

120/208V & 120/240 V, 4 Wire, 3 Phase, 400 Amp, K-7/Bolt-In, Modular Sockets are no • longer approved.



- Max height is 66" to the center of the top meter position (60" is preferred when installing • shorter units) and min height is 30" to center of the bottom meter position. Design and installation must be configured according to max/min meter heights.
- Customer-purchased sockets must be from the 'Approved' list. •
- Consumers Energy has the right to refuse service to meter sockets and metering equipment that is not approved.

## Approved Equipment for Direct Termination of Consumer Energy Service URD Wire

Combination Main Fusible Switch with Utility Pull Box										
Phase	Amp Rating	Eaton CatalogGeneral ElectricSNo.Catalog No.		Siemens Catalog No.	Square D Catalog No.					
	400	1MFS400RUG	TMPFB4RCLL	WES1400BU	EZM1400FSU					
Phase 1	600	1MFS600RUG	TMPFB6RCLL	WES1600BU	EZM1600FSU					
	800	1MFS800RUG	TMPFB8RCLL	WES1800BU	EZM1800FSU					
	1200	1MFS1200RUG	Not Available	WES11200BU	EZM11200FSU					
	400	3MFS400RUG	TMP3FB4RCLL	WES3400BU	EZM3400FSU					
Phase 3	600	3MFS600RUG	TMP3FB6RCLL	WES3600BU	EZM3600FSU					
	800	3MFS800RUG	TMP3FB8RCLL	WES3800BU	EZM3800FSU					
	1200	3MFS1200RUG	Not Available	WES31200BU	Not Available					

#### Table 4

	Comb	ination Main Circui	t Breaker with U	tility Pull Box	
Phase	Amp Rating	Eaton Catalog No.	General Electric Catalog No.	Siemens Catalog No.	Square D Catalog No.
	400	1PMBE400R	Not Available	WEB1400B/BU	EZM1400CBU
	600	1PMBE600R	Not Available	WEB1600B/BU	EZM1600CBU
	800	1PMBE800R	Not Available	WEB1800B/BU	EZM1800CBU
Phase 1	1000	1PMBE1000R	Not Available	WEB11000B/BU	EZM11000CBU
	1200	1PMBE1200R	Not Available	WEB11200B/BU	EZM11200CBU
	1600	1PMB1600RCCL	Not Available	Not Available	EZM11600CBU
	2000	1PMB2000RCCL	Not Available	Not Available	EZM12000CBU
	400 3PMBE400R Not Available WEB3400B/		WEB3400B/BU	EZM3400CBU	
	600	3PMBE600R	Not Available	WEB3600B/BU	EZM3600CBU
	800	3PMBE800R	Not Available	WEB3800B/BU	EZM3800CBU
Phase 3	1000	3PMBE1000R	Not Available	WEB31000B/BU	EZM31000CBU
	1200	3PMBE1200R	Not Available	WEB31200B/BU	EZM31200CBU
	1600	3PMB1600RCCL	Not Available	Not Available	EZM31600CBU
	2000	3PMB2000RCCL	Not Available	Not Available	EZM32000CBU

#### Customer Purchased Meter Sockets & Meter Equipment

Tap / Terminal Box										
Phase	Amp Rating	Eaton Catalog No.	General Electric Catalog No.	Siemens Catalog No.	Square D Catalog No.					
	225	Not Available	Not Available	Not Available	EZM1225TB					
	400	3MTB400R	TMPL4R	WTB1400CU	EZM1400TB					
Phase 1	600	3MTB600R	TMPL6R	Not Available	EZM1600TB					
	800	1MTB800R	TMPL8R	WTB1800CU	EZM1800TB					
	1200	1MTB1200R	TMPL12R	WTB11200CU	EZM11200TBU					
	1600	1MTB1600RC	Not Available	WTB11600CU	EZM11600TB					
	225	Not Available	Not Available	Not Available	EZM3225TB					
	400	3MTB400R	TMP3L4R	WTB3400CU	EZM3400TB					
Phase 3	600	3MTB600R	TMP3L6R	Not Available	EZM3600TB					
	800	3MTB800R	TMP3L8R	WTB3800CU	EZM3800TB					
	1200	3MTB1200R	TMP3L12R	WTB31200CU	EZM31200TBU					
	1600	3MTB1600RC	Not Available	WTB31600CU	EZM31600TB					

#### Table 6

Pull Box										
Phase	AmpEaton Catalog No.General ElectricRatingCatalog No.		•		Square D Catalog No.					
	400	1UGPB400R	TMPU4R	Not Available	Not Available					
Phase 1	800	1UGPB800R	TMPU8R	Not Available	Not Available					
	1200	1UGPB1200R	TMPU12R	Not Available	Not Available					
	400	3UGPB400R	TMP3U4R	Not Available	Not Available					
Phase 3	800	3UGPB800R	TMP3U8R	Not Available	Not Available					
	1200	3UGPB1200R	TMP3U12R	Not Available	Not Available					

#### Table 7

#### NOTE

- Customer-purchased sockets and URD service equipment must be from the 'Approved' list.
- Underground Service Entrance Tap Box Equipment approval is required where Consumers Energy URD service conductors terminate on customer-purchased modular metering equipment.
- Overhead Service Entrance Tap Box Equipment approval is *not* required by Consumers Energy since the Company's service conductors will not be terminated in this type of equipment.
- Design and installation must be configured so that all meter socket positions are within Consumers Energy's max/min meter heights.
- Consumers Energy has the right to refuse service to not-approved equipment.

#### **Commercial Multi-Metering / Switchboard Metering Information**

Commercial Multi-Metering otherwise referred to as *Switchboard Metering* is similar to Modular Metering in construction and application, but is rated for 277/480 volt, 4 wire Wye, 3 phase services only.

	277/480 Volt, 4 Wire, Wye, 3 Phase										
Amp	Meter Position	Cable Exit Position	Eaton Catalog No.	General Electric Catalog No.	Siemens Catalog No.	Square D Catalog No.					
200 Amp, Lever Bypass,	3 Position		CE200-3	Not Available	Not Available	Not Available					
Switchboard	6 Position		CE200-6	Not Available	Not Available	Not Available					
Sockets	8 Position		CE200-8	Not Available	Not Available	Not Available					
320/400 Amp, Lever Bypass, Switchboard Sockets	1 Position		CE400-1	Not Available	Not Available	Not Available					
600A-1200A, CT/VT Compartment for		Bottom	CE0612BOT	Not Available	Not Available	Not Available					
ITR Switchboard Metering Installations		Тор	CE0612TOP	Not Available	Not Available	Not Available					

#### Table 8

#### Horizontal Style Multiple Meter Sockets

Consumers Energy will furnish a 2-position, horizontal style meter socket.

Customers are required to purchase and install approved 3-6 position, horizontal style, multiple meter sockets from a distributor of their choice.

See below for a specific list of approved manufacturers and catalog numbers.



Figure 2

#### **Approved List – Horizontal Style 3-6 Position Meter Sockets**

	120/240 Volt, 3 Wire, 1 Phase, 4T										
Amp	Meter Position	Eaton Catalog No.	GE Catalog No.	Midwest Electrical Products Catalog No.	Milbank Catalog No.	Siemens Catalog No.	Square D Catalog No.				
100 Amp, 3-	3 Position	N/A*	N/A*	N/A*	U8033-RL- KK	SUA3311- OPGP	N/A*				
6 Position, Horn By- Pass, Horizontal, Meter Sockets**	4 Position	N/A	N/A*	N/A*	U8034-RL- KK	SUA4311- OPGP	N/A*				
	5 Position	N/A*	N/A*	N/A*	U8035-RL- KK	N/A*	N/A*				
	6 Position	N/A*	N/A*	N/A*	U8036-RL- KK	N/A*	N/A*				
	3 Position	UHT-3R2352U- CH	N/A*	UHT- 3R2352U-MEP	U1253-X- QG-KK-K3	404053- 023NU	UHT-3R2352U- SQD				
200 Amp, 3- 6 Position, Horn By-	4 Position	UHT-4R2352U- CH	N/A*	UHT- 4R2352U-MEP	U1254-X- QG-KK-K3	404054- 223NU	UHT- 4R2352UU- SQD				
Pass, Horizontal, Meter Sockets**	5 Position	UHT- 5R2392UU-CH	N/A*	UHT- 5R2392UU- MEP	U1255-X- QG-KK-K4	404055- 223NU	UHT- 5R2392UU- SQD				
	6 Position	UHT-6R2392UU	N/A*	UHT- 6R2392UU- MEP	U1256-X- QG-KK-K4	404056- 223NU	UHT- 6R2392UU- SQD				
*Sockets are		ed or are not avai		MEP		223NU					

\*\*Consumers Energy will furnish 1 and 2 position sockets.

#### Table 10



#### NOTE

480 Volt, 3 Wire, 3 Phase\*\*\*, 5T, 200 Amp, 3 - 6 Position, Horizontal, Meter Sockets\*\*

#### NO LONGER APPROVED

Customer purchased sockets must be from the 'Approved' list.

Consumers Energy has the right to refuse service to meter sockets that are not approved.

#### Customer Purchased Meter Sockets & Meter Equipment

120/240V, 120/208V and 277/480V, 4 Wire, 3 Phase, 7T											
Amp	Meter Position	Eaton Catalog No.	GE Catalog No.	Midwest Electrical Products Catalog No.	Milbank Catalog No.	Siemens Catalog No.	Square D Catalog No.				
	3 Position	UT-3H72353U- HL- CH	N/A*	UT-3H72353U- HL- MEP	U2733-XT- K8- CE	404073- 023NU	UT- 3H72353U- HL- SQD				
200 Amp, 3 - 6 Position,	4 Position	UT- 4H72393UU- HL-CH	N/A*	UT-4H72393UU- HL- MEP	U2734-XT- K8- CE	404074- 223NU	UT- 4H72393UU- HL-SQD				
Horizontal, Meter Sockets**	5 Position	UT- 5H72393UU- HL-CH	N/A*	UT-5H72393UU- HL- MEP	U2735-XT- K8- CE	404075- 223NU	UT- 5H72393UU- HL-SQD				
	6 Position	UT- 6H72393UU- HL-CH	N/A*	UT-6H72393UU- HL- MEP	U2736-XT- K8- CE	404076- 223NU	UT- 6H72393UU- HL-SQD				

\*Sockets are not approved or are not available from the manufacturer.

\*\*Consumers Energy will furnish 1 and 2 position sockets.

Table 11

#### NOTE

- Customer purchased sockets must be from the "Approved" list.
- Consumers Energy has the right to refuse service to meter sockets that are not approved.
- \*\*\*480V 3W 3P Delta services and 240V 3W 3P Delta services require special permission and pre-approval from Consumers Energy. Only single Instrument Transformer Rated (CT/VT) meter sockets are allowed.

#### **Combination Meter Socket – Transfer Switch for Generators**

This unit, which incorporates a meter socket and a transfer switch into one unit, is used in connection with a generator. The transfer switch provides customers with the ability to safely transfer load from the utility to the generator and isolate from dangerous backfeed.

The combination meter sockets are available for 120/240 volt, 3 wire, single phase applications. The transfer switch is available in a breaker style which comes with a main breaker and an auxiliary breaker of various amperage ratings. It is also available in a double throw style switch.

These units, which are purchased by the customer from an electric distributor of their choice, must be approved by Consumers Energy. You may refer to the list below for approved manufacturers and models.

Consumers Energy has the right to refuse service to meter sockets that are not approved.

Additional information regarding the installation and sale of generators and associated equipment can be obtained by calling our **Business Center toll free at (800) 805-0490** or emailing us at <u>businesscenter@consumersnergy.com</u>.

#### **Approved List – Transfer Switch Sockets**

200 Amp Main Breaker 120/240V/3W/1Phase										
Mfg. Catalog #										
Amp Eaton		Durham	Milbank	Ronk	Square D					
100 Amp Auxiliary Breaker	N/A	SB204DT100B	U4412-RL-200- 100-KK	N/A	N/A					
200 Amp Auxiliary Breaker	N/A	N/A	U4412-RL-200- 200-KK	N/A	N/A					

Table 12

Milbank models available from Power Line Supply **1-800-832-2297**.

Ronk models available from Ronk Electrical Industries 1-800-221-7665 or on Ronk Electrical.com.

200 Amp Double Throw Switches with Meter Socket 120/240V/3W/1Phase				
Eaton	Durham	Milbank	Ronk	Square D
7215-MSH- OH	7215-MSL-OH	7215-MSH-UG	7215-MSL- UG	7215- MSH-SS

Table 13

Best application is for new and existing 'overhead' service entrance installations and for new 'underground' service entrance installations.

- For existing 'underground' service entrance installations, a charge may be applied for conductor splicing where Consumers Energy will be required to lengthen the service conductors.
- Consult with the local Customer Energy Specialist for more details.

NOTE

#### **Metering Pedestals**

Metering pedestals can be purchased by the customer as pre-assembled units or they can be assembled by the customer using a Consumers Energy meter socket and customer-purchased components according to Consumers Energy's specifications.

Typically, the pedestals are used for mobile home park applications, but can be used individually as well. For more information on installation specifications and requirements you may refer to our publication <u>Electric</u> <u>Service and Metering Information & Requirements</u>, which is available on our website at <u>www.consumersenergy.com</u>.

#### **Approved List – Metering Pedestals**

120/240 Volt, 3 Wire, 1 Phase			
Manufacturer	Model Number	Notes	
Adnic Products Co.	3 PS1 SD 100B	100 Amp Service. Approved for Mobile Home Installation for combination Gas & Electric or Electric only. Uses Consumers Energy Socket #14-85507/10029609.	
Adnic Products Co.	4 PS1 SD 200B	200 Amp Service. Approved for Mobile Home Installation for combination Gas & Electric or Electric only. Uses Consumers Energy Socket #14-85507/10029609.	
Adnic Products Co.	EC100S	100 Amp Service. Approved for Mobile Home Installation for combination Gas & Electric or Electric only. Uses Consumers Energy Socket # 14-85507/10029609.	
Adnic Products Co.	EC200S	200 Amp Service. Approved for Mobile Home Installation for combination Gas & Electric or Electric only. Uses Consumers Energy Socket #14-85507/10029609.	
B&B Electrical Mfg. Inc.	Model C	Specify Service Amperage. Approved for Mobile Home Installation for Electric only, not approved for combination Gas & Electric. Uses Consumers Energy Socket #14- 85507/10029609.	
Electrical Services By Delta Inc.	No Model Number	Shop fabricated to Consumers Energy specifications* for Mobile Home Installation. Specify combination Gas & Electric or Electric only. Uses Consumers Energy Socket #14- 85507/10029609.	
Customer or Contractor Fabrication (must conform to Consumers Energy specifications*)	No Model Number	*Refer to EMO Standards Manual 6-2 or <u>Electric Service and</u> <u>Metering Information &amp; Requirements Handbook</u> , see Figures 12, 14, 15, and 16. Consumers Energy-issued items listed in preceding references are provided free of charge; other required components are customer purchased.	

Table 14