

COINCIDENT DEMAND METERING RIDER

What is Coincident Demand Metering Rider?

The Maximum Demand is calculated and billed as Coincident Demand. Distribution Demand is calculated and billed as Non-Coincident Demand. NorthStar does not allow standard setups to bill coincident and non-coincident demand.

The rider, identified as CP-5, necessitates a non-standard demand setup and a monthly manual process for NorthStar to calculate the demand components.

Setup Requirements

Begin by locating the Coincident Demand Metering Rider within the utilities' most current tariff. This may be a printed copy stored at the utility office, or it may be located from the [PSC website](#).

RATE FILE

Sheet No. 1 of 2
Schedule No. Cp-5
Amendment No. 84

Public Service Commission of Wisconsin

Always On Utilities

Coincident Demand Metering Rider

Application: This rider may be applied to Cp-2, Cp-3 and Cp-4 customers with multiple service entrances on contiguous properties, which are separately metered, whose combined Maximum Coincident Demand is in excess of 200 kilowatts (Cp-2), 1,000 kilowatts (Cp-3) or 10,000 kilowatts (Cp-4) for three or more months in a consecutive 12 month period, and who meet all of the appropriate provisions described below.

Customer Charge: The monthly customer charge shall apply to each separately metered location, as if they were served individually on the Cp-2, Cp-3, and Cp-4 rate schedules.

Determination of Distribution Demand: The Distribution Demand shall equal the sum of the distribution demands of each metered location, as if they were served individually.

Determination of Maximum Measured Demand: The Maximum Measured Demand in any month shall be that demand in kilowatts necessary to supply the average kilowatt-hours in the 15 consecutive minutes of greatest consumption of electricity to a single metered service point during each month. The Maximum Measured Demand shall be determined from individual readings of a permanently installed meter. Said demand meter shall be reset to zero when the meter is read each month.

Determination of Maximum Coincident Demand: The Maximum Coincident Demand shall be the greatest single demand which occurs in 15 consecutive minutes during the month resulting from the combination of all separately metered services.

Determination of Billed Demand: Same as Cp-2, Cp-3, and Cp-4 with Maximum Demand replaced with Maximum Coincident Demand.

Determination of Energy Charge: Same as Cp-2, Cp-3, and Cp-4.

Determination of Minimum Monthly Bill: Same as Cp-2, Cp-3, and Cp-4.

Application Customer Charge	The monthly customer charge shall apply to each separately metered location, as if they were served individually on the Cp-2, Cp-3, or Cp-4 rate schedules.
Determination of Distribution Demand	The sum of the highest Maximum Measured Demand for each meter (contributor) occurring in the last 12 months is used for billing Distribution Demand. This history will not be available in Northstar. Manual calculation and input is required.
Determination of Maximum Measured Demand	The highest reads recorded from the individual meters (contributors).
Determination of Maximum Coincident Demand	The highest demands for the contributing meters occurring in the same reading interval. This demand is calculated according to EnergyIP settings on the virtual meter.
Determination of Billed Demand	The Maximum Coincident Demand billed comes from the virtual meter.
Determination of Energy Charge	The energy charge is a combination of the virtual meter <i>plus</i> the flat rate for each additional meter.
Determination of Minimum Monthly Bill	The minimum bill as defined by the tariff.

Setup Requirements

Virtual Meter Setup

A virtual meter allows multiple meters on the same account to capture the combined billing components including the billable usage.

This tariff necessitates a virtual meter setup in energyIP and NorthStar.

WPPI will assist with this setup.

Submit a [WSC ticket](#) to initiate a call for the setup process.

WPPI staff reference the [WPPI SharePoint Virtual Meter Setup](#).

The **Electric Reading History** table shows the contributors and the virtual meter.

The total usage of the **Contributors** (by KWH or REA Time Band) should equal the virtual meter.

The **Max(imum) Coincident Demand** is the *combined* peak of both contributors during the same interval.

This calculation occurs in energyIP and reflects in NorthStar on the virtual meter's demand.

In the example, the Max Coincident Demand for the virtual meter is 987.80 KW.

The Non-Coincident Distribution Demand is the sum of the *highest peak demands* in the last 12 months for *each* contributing meter. These do not have to occur in the same interval or month. This is calculated outside of NorthStar.

Account Gateway > History Details > Electric Reading History

Service Summary (BROWSE)		Electric Reading History (BROWSE)								
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Browse		Record Details								
Meter Point	Meter Number	Year/Month	Time Band	Read Date	Bill Type	Reading	Type	Usage		Bill Code
28	01V6200463	2021-10	OF REA	2021-11-01	Regular Bill	194771	MR	30796.00	KVarh	E-NOBL
27	01V6200463	2021-10	ON REA	2021-11-01	Regular Bill	599255	MR	96716.00	KVarh	E-NOBL
26	01V6200463	2021-10	OF DEM	2021-11-01	Regular Bill		MR	982.90	KW	CP3F
25	01V6200463	2021-10	ON DEM	2021-11-01	Regular Bill		MR	987.80	KW	CP3O
24	01V6200463	2021-10	OF KWH	2021-11-01	Regular Bill	295987	MR	46307.00	KWh	CP3F
23	01V6200463	2021-10	ON KWH	2021-11-01	Regular Bill	834086	MR	135696.00	KWh	CP3O
22	0120181752	2021-10	OF REA	2021-11-01	Regular Bill	118454	MR	20505.00	KVarh	E-NOBL
21	0120181752	2021-10	ON REA	2021-11-01	Regular Bill	376490	MR	66361.00	KVarh	E-NOBL
20	0120181752	2021-10	OF DEM	2021-11-01	Regular Bill		MR	663.60	KW	E-NOBL
19	0120181752	2021-10	ON DEM	2021-11-01	Regular Bill		MR	684.90	KW	E-NOBL
18	0120181752	2021-10	OF KWH	2021-11-01	Regular Bill	147978	MR	27192.00	KWh	E-NOBL
17	0120181752	2021-10	ON KWH	2021-11-01	Regular Bill	480546	MR	90687.00	KWh	E-NOBL
16	0120181751	2021-10	OF REA	2021-11-01	Regular Bill	76361	MR	10290.00	KVarh	E-NOBL
15	0120181751	2021-10	ON REA	2021-11-01	Regular Bill	222717	MR	30355.00	KVarh	E-NOBL
14	0120181751	2021-10	OF DEM	2021-11-01	Regular Bill		MR	341.60	KW	E-NOBL
13	0120181751	2021-10	ON DEM	2021-11-01	Regular Bill		MR	335.40	KW	E-NOBL
12	0120181751	2021-10	OF KWH	2021-11-01	Regular Bill	148073	MR	19114.00	KWh	E-NOBL
11	0120181751	2021-10	ON KWH	2021-11-01	Regular Bill	353468	MR	45009.00	KWh	E-NOBL
28	01V6200463	2021-09	OF REA	2021-10-01	Regular Bill	163975	MR	32016.00	KVarh	E-NOBL
27	01V6200463	2021-09	ON REA	2021-10-01	Regular Bill	502539	MR	98088.00	KVarh	E-NOBL
26	01V6200463	2021-09	OF DEM	2021-10-01	Regular Bill		MR	972.40	KW	CP3F
25	01V6200463	2021-09	ON DEM	2021-10-01	Regular Bill		MR	1001.20	KW	CP3O
24	01V6200463	2021-09	OF KWH	2021-10-01	Regular Bill	249680	MR	48309.00	KWh	CP3F
23	01V6200463	2021-09	ON KWH	2021-10-01	Regular Bill	698390	MR	137277.00	KWh	CP3O
22	0120181752	2021-09	OF REA	2021-10-01	Regular Bill	97949	MR	20326.00	KVarh	E-NOBL
21	0120181752	2021-09	ON REA	2021-10-01	Regular Bill	310129	MR	65066.00	KVarh	E-NOBL
20	0120181752	2021-09	OF DEM	2021-10-01	Regular Bill		MR	666.80	KW	E-NOBL
19	0120181752	2021-09	ON DEM	2021-10-01	Regular Bill		MR	691.50	KW	E-NOBL
18	0120181752	2021-09	OF KWH	2021-10-01	Regular Bill	120786	MR	26742.00	KWh	E-NOBL
17	0120181752	2021-09	ON KWH	2021-10-01	Regular Bill	389859	MR	87227.00	KWh	E-NOBL
16	0120181751	2021-09	OF REA	2021-10-01	Regular Bill	66071	MR	11735.00	KVarh	E-NOBL
15	0120181751	2021-09	ON REA	2021-10-01	Regular Bill	192362	MR	32976.00	KVarh	E-NOBL
14	0120181751	2021-09	OF DEM	2021-10-01	Regular Bill		MR	421.50	KW	E-NOBL
13	0120181751	2021-09	ON DEM	2021-10-01	Regular Bill		MR	429.20	KW	E-NOBL
12	0120181751	2021-09	OF KWH	2021-10-01	Regular Bill	128959	MR	21633.00	KWh	E-NOBL
11	0120181751	2021-09	ON KWH	2021-10-01	Regular Bill	308459	MR	49982.00	KWh	E-NOBL
	DIST	2021-11		2021-11-01	Regular Bill			1143.40	KW	

● Double click to edit the electric reading history record