



January 3, 2011

414 Nicollet Mall
Minneapolis, Minnesota 55401

Darrell Nitschke
Executive Secretary
North Dakota Public Service Commission
State Capitol
600 East Boulevard
Bismarck, ND 58505-0480

RE: Filing Pursuant to NDPSC Small Power Production and Cogeneration Rules (Chapter 69-09-07)

Dear Mr. Nitschke:

Pursuant to the above referenced Rules and NDPSC Order Case No. 9999, Northern States Power Company, a Minnesota corporation (“Xcel Energy” or the “Company”) operating in North Dakota hereby submits for filing pursuant to NDCC Section 49-05-06 the original and seven copies of the rate sheets and avoided costs for the Standard Contract Offer and Guidelines proposed for 2011.

The Net Energy Billing Service is revised to reflect the 2011 avoided energy cost level and meter charges. This service is available to qualifying facilities with a capacity of 100 kW or less who can use the output from the qualifying facility to offset energy delivered by the Company.

The Purchase and Sales Billing Service and Time of Day Purchase Service are revised to reflect the 2011 avoided cost level and metering charges. The Purchase and Sales Billing Service is also available to qualifying facilities with capacity up to 100 kW.

The Company also submits the avoided costs for the Standard Contract Offer and Guidelines for filing. The provisions of the Standard Contract Offer and Guidelines have not changed from last year’s filing.

Under separate cover, we are forwarding to the PSC Staff the work papers which support this filing. The updated tariffs were developed in accordance with NDPSC Small Power Production and Cogeneration Rules (Chapter 69-09-07).

These updates do not reflect any significant changes, and presently no customers are utilizing the Cogeneration and Small Power Production tariffs in North Dakota. As was the case with last year's filing, Xcel Energy respectfully requests that – should PSC Staff have no particular concerns with the filed revisions – the Commission forego an informal hearing on this filing in the interests of time and resources.

The revised rate sheets and avoided cost level for Standard Contract Offer and Guidelines are filed to become effective February 1, 2011.

If you have any questions concerning this filing, feel free to contact Dave Sederquist at 701-241-8632.

Sincerely,

/s/

Phil Zins
Manager
Pricing and Planning

cc John Chow, Xcel Energy
Dave Sederquist, Xcel Energy
enclosures

Legislative

**NET ENERGY BILLING SERVICE
RATE CODE D50**

Section No. 9
2nd3rd Revised Sheet No. 2

AVAILABILITY

Available to any Small Qualifying Facility (SQF) with a capacity of 100 kW or less who receives non-time of day retail electric service from Company and offsets energy delivered by Company.

RATE

Metering Charge per Month

| | |
|--------------|--------|
| Single Phase | \$3.25 |
| Three Phase | \$5.50 |

Payment Schedule for Energy Delivered to Company

| | |
|------------------------|--------------------------------|
| Energy Payment per kWh | 3.68¢ <u>3.062¢</u> |
|------------------------|--------------------------------|

C

TERMS AND CONDITIONS OF SERVICE

1. Energy used by customer in excess of energy delivered by the small qualifying facility at the same site during the same billing period shall be billed in accordance with the appropriate non-time of day retail electric rate.

For demand metered General Service customers, the entire kW demand supplied by the Company at the same site during the same billing period shall be billed to the customer according to the appropriate General Service demand charge rate.

2. Interconnection charges will be assessed by the Company on an individual basis for all costs associated with addition to or modification of Company facilities to accommodate the small qualifying facility (SQF). The net interconnection charge is the responsibility of the SQF.
3. The voltage and phase of customer's generator must be consistent with existing service and approved by the Company.
4. The customer must maintain a power factor of the generator as close to unity as is consistent with NSP operating standards.

| | | | | | | |
|-------------|---|----------|---------------------|---------------|-----------------|----------|
| Date Filed: | 01-02-09 | 01-03-11 | By: David M. Sparby | Judy M. Pofel | Effective Date: | 02-01-09 |
| | President and CEO of Northern States Power Company, a Minnesota corporation | | | | | |
| Case No. | PU-09-13 | 11- | | | Order Date: | 01-29-09 |

**PURCHASE AND SALE BILLING SERVICE
 RATE CODE D51**

Section No. 9
 4~~th~~^{5th} Revised Sheet No. 3

AVAILABILITY

Available to any Small Qualifying Facility of less than 100 kW who receives non-time of day retail electric service.

RATE

Metering Charge per Month

| | |
|--------------|--------|
| Single Phase | \$5.25 |
| Three Phase | \$7.60 |

Payment Schedule for Energy Delivered to Company

| | <u>Oct-May</u> | <u>Jun-Sep</u> | |
|---|--------------------------------|--------------------------------|---|
| Energy Payment per kWh | 3.62¢ <u>3.063¢</u> | 3.84¢ <u>3.060¢</u> | C |
| Capacity Payment per kWh for Firm Power | 0.69¢ <u>0.420¢</u> | 1.90¢ <u>2.080¢</u> | C |

DETERMINATION OF FIRM POWER

The small qualifying facility will have supplied firm power if during the billing period an on peak capacity factor of at least 65 percent was achieved. The calculation of the on peak capacity factor will be as follows:

The average on peak period metered capacity delivered to the Company for the on peak period of the billing period divided by the greatest 15 minute metered capacity delivered for the on peak period of the same billing period expressed in percent and rounded to the nearest whole percent. If the percent calculated is 65 or greater, capacity payment will be made. If the percent calculated is less than 65, capacity payment will not be made.

TERMS AND CONDITIONS OF SERVICE

1. Electric service provided by Company to customer at the same site shall be billed in accordance with the appropriate non-time of day retail electric tariff.
2. Interconnection charges will be assessed by the Company on an individual basis for all costs associated with addition to or modification of Company facilities to accommodate the small qualifying facility (SQF). The net interconnection charge is the responsibility of the SQF.
3. The minimum contracted term of service is 12 months.

| | | | | | |
|-------------|-------------------------------------|-----|---|-----------------|---------------------|
| Date Filed: | 04-04-10 <u>01-03-11</u> | By: | Judy M. Pofert | Effective Date: | 02-01-10 |
| | | | President and CEO of Northern States Power Company, a Minnesota corporation | | |
| Case No. | PU-10-02211- | | | Order Date: | 01-27-10 |

NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2

**TIME OF DAY PURCHASE SERVICE
 RATE CODE D52**

Section No. 9
 4th5th Revised Sheet No. 4

AVAILABILITY

Available to any Small Qualifying Facility (SQF).

RATE

Metering Charge per Month

| | |
|--------------|--------|
| Single Phase | \$5.25 |
| Three Phase | \$7.60 |

Payment Schedule for Energy Delivered to Company

| | <u>Oct-May</u> | <u>Jun-Sep</u> | |
|---|--------------------------------|--------------------------------|---|
| Energy Payment per On-Peak kWh | 4.84¢ <u>4.049¢</u> | 5.69¢ <u>4.411¢</u> | C |
| Energy Payment per Off-Peak kWh | 2.98¢ <u>2.516¢</u> | 2.73¢ <u>2.296¢</u> | C |
| Capacity Payment per On-Peak kWh for Firm Power | 1.96¢ <u>1.210¢</u> | 5.54¢ <u>6.050¢</u> | C |

DETERMINATION OF FIRM POWER

The small qualifying facility will have supplied firm power if during the billing period an on-peak capacity factor of at least 65 percent was achieved. The calculation of the on-peak capacity factor will be as follows:

The average on-peak period metered capacity delivered to the Company for the on-peak period of the billing period divided by the greatest 15 minute metered capacity delivered for the on-peak period of the same billing period expressed in percent and rounded to the nearest whole percent. If the percent calculated is 65 or greater, capacity payment will be made. If the percent calculated is less than 65, capacity payment will not be made.

TERMS AND CONDITIONS OF SERVICE

1. Electric service provided by Company to customer at the same site shall be billed in accordance with the appropriate time of day retail electric tariff.
2. Interconnection charges will be assessed by the Company on an individual basis for all costs associated with addition to or modification of Company facilities to accommodate the small qualifying facility (SQF). The net interconnection charge is the responsibility of the SQF.
3. The minimum contract term of service is 12 months.

| | | | | | |
|-------------|-------------------------------------|-------------|---|-----------------|---------------------|
| Date Filed: | 04-04-10 <u>01-03-11</u> | By: | Judy M. Pofert | Effective Date: | 02-01-10 |
| | | | President and CEO of Northern States Power Company, a Minnesota corporation | | |
| Case No. | PU-10-02211- | Order Date: | | | 04-27-10 |

Non-Legislative

NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2

**NET ENERGY BILLING SERVICE
RATE CODE D50**

Section No. 9
3rd Revised Sheet No. 2

AVAILABILITY

Available to any Small Qualifying Facility (SQF) with a capacity of 100 kW or less who receives non-time of day retail electric service from Company and offsets energy delivered by Company.

RATE

Metering Charge per Month

| | |
|--------------|--------|
| Single Phase | \$3.25 |
| Three Phase | \$5.50 |

Payment Schedule for Energy Delivered to Company

| | |
|------------------------|--------|
| Energy Payment per kWh | 3.062¢ |
|------------------------|--------|

C

TERMS AND CONDITIONS OF SERVICE

1. Energy used by customer in excess of energy delivered by the small qualifying facility at the same site during the same billing period shall be billed in accordance with the appropriate non-time of day retail electric rate.

For demand metered General Service customers, the entire kW demand supplied by the Company at the same site during the same billing period shall be billed to the customer according to the appropriate General Service demand charge rate.

2. Interconnection charges will be assessed by the Company on an individual basis for all costs associated with addition to or modification of Company facilities to accommodate the small qualifying facility (SQF). The net interconnection charge is the responsibility of the SQF.
3. The voltage and phase of customer's generator must be consistent with existing service and approved by the Company.
4. The customer must maintain a power factor of the generator as close to unity as is consistent with NSP operating standards.

Date Filed: 01-03-11

By: Judy M. Poferl

Effective Date:

President and CEO of Northern States Power Company, a Minnesota corporation

Case No. PU-11-

Order Date:

NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2

**PURCHASE AND SALE BILLING SERVICE
RATE CODE D51**

Section No. 9
5th Revised Sheet No. 3

AVAILABILITY

Available to any Small Qualifying Facility of less than 100 kW who receives non-time of day retail electric service.

RATE

Metering Charge per Month

| | |
|--------------|--------|
| Single Phase | \$5.25 |
| Three Phase | \$7.60 |

Payment Schedule for Energy Delivered to Company

| | <u>Oct-May</u> | <u>Jun-Sep</u> | |
|---|----------------|----------------|---|
| Energy Payment per kWh | 3.063¢ | 3.060¢ | C |
| Capacity Payment per kWh for Firm Power | 0.420¢ | 2.080¢ | C |

DETERMINATION OF FIRM POWER

The small qualifying facility will have supplied firm power if during the billing period an on peak capacity factor of at least 65 percent was achieved. The calculation of the on peak capacity factor will be as follows:

The average on peak period metered capacity delivered to the Company for the on peak period of the billing period divided by the greatest 15 minute metered capacity delivered for the on peak period of the same billing period expressed in percent and rounded to the nearest whole percent. If the percent calculated is 65 or greater, capacity payment will be made. If the percent calculated is less than 65, capacity payment will not be made.

TERMS AND CONDITIONS OF SERVICE

1. Electric service provided by Company to customer at the same site shall be billed in accordance with the appropriate non-time of day retail electric tariff.
2. Interconnection charges will be assessed by the Company on an individual basis for all costs associated with addition to or modification of Company facilities to accommodate the small qualifying facility (SQF). The net interconnection charge is the responsibility of the SQF.
3. The minimum contracted term of service is 12 months.

Date Filed: 01-03-11 By: Judy M. Pofel Effective Date:
President and CEO of Northern States Power Company, a Minnesota corporation
Case No. PU-11- Order Date:

**TIME OF DAY PURCHASE SERVICE
RATE CODE D52**

Section No. 9
5th Revised Sheet No. 4

AVAILABILITY

Available to any Small Qualifying Facility (SQF).

RATE

Metering Charge per Month

| | |
|--------------|--------|
| Single Phase | \$5.25 |
| Three Phase | \$7.60 |

Payment Schedule for Energy Delivered to Company

| | <u>Oct-May</u> | <u>Jun-Sep</u> | |
|---|----------------|----------------|---|
| Energy Payment per On-Peak kWh | 4.049¢ | 4.411¢ | C |
| Energy Payment per Off-Peak kWh | 2.516¢ | 2.296¢ | C |
| Capacity Payment per On-Peak kWh for Firm Power | 1.210¢ | 6.050¢ | C |

DETERMINATION OF FIRM POWER

The small qualifying facility will have supplied firm power if during the billing period an on-peak capacity factor of at least 65 percent was achieved. The calculation of the on-peak capacity factor will be as follows:

The average on-peak period metered capacity delivered to the Company for the on-peak period of the billing period divided by the greatest 15 minute metered capacity delivered for the on-peak period of the same billing period expressed in percent and rounded to the nearest whole percent. If the percent calculated is 65 or greater, capacity payment will be made. If the percent calculated is less than 65, capacity payment will not be made.

TERMS AND CONDITIONS OF SERVICE

1. Electric service provided by Company to customer at the same site shall be billed in accordance with the appropriate time of day retail electric tariff.
2. Interconnection charges will be assessed by the Company on an individual basis for all costs associated with addition to or modification of Company facilities to accommodate the small qualifying facility (SQF). The net interconnection charge is the responsibility of the SQF.
3. The minimum contract term of service is 12 months.

Date Filed: 01-03-11

By: Judy M. Poferl

Effective Date:

President and CEO of Northern States Power Company, a Minnesota corporation

Case No. PU-11-

Order Date:

Standard Contract Offer
by
Northern States Power Company

2011 Rate Sheet

| Years | \$/kW-mth | Years | \$/MWh |
|------------------------|---------------------------|-----------------------|-----------------------------|
| <u>Contract Length</u> | <u>Levelized Capacity</u> | <u>Payment Period</u> | <u>Levelized Energy (1)</u> |
| 1 | 0.00 | | |
| 2 | 0.00 | | |
| 3 | 0.00 | | |
| 4 | 0.00 | | |
| 5 | 2.26 | | |
| 6 | 2.84 | 1 | 39.27 |
| 7 | 3.27 | 2 | 40.29 |
| 8 | 3.60 | 3 | 41.19 |
| 9 | 3.86 | 4 | 42.07 |
| 10 | 4.07 | 5 | 42.84 |
| 11 | 4.25 | 6 | 43.49 |
| 12 | 4.41 | 7 | 44.21 |
| 13 | 4.54 | 8 | 44.90 |
| 14 | 4.66 | 9 | 45.61 |
| 15 | 4.77 | 10 | 46.21 |
| 16 | 4.86 | 11 | 46.77 |
| 17 | 4.95 | 12 | 47.25 |
| 18 | 5.03 | 13 | 47.74 |
| 19 | 5.11 | 14 | 48.20 |
| 20 | 5.17 | 15 | 48.65 |
| 21 | 5.24 | 16 | 49.03 |
| 22 | 5.30 | 17 | 49.40 |
| 23 | 5.35 | 18 | 49.76 |
| 24 | 5.40 | 19 | 50.12 |
| 25 | 5.45 | 20 | 50.44 |
| 26 | 5.50 | | |
| 27 | 5.54 | | |
| 28 | 5.58 | | |
| 29 | 5.62 | | |
| 30 | 5.66 | | |
| 31 | 5.69 | | |
| 32 | 5.72 | | |
| 33 | 5.76 | | |
| 34 | 5.79 | | |
| 35 | 5.81 | | |

(1) Minimum contract length required for levelized energy payments is 6 years. Maximum length is 20 years. Examples: A 6 year contract could receive one year of levelized energy rates at 39.27 \$/MWh with the remaining 5 years used for payback account corrections. A 20 year contract could receive 15 years of levelized payment at 48.65 \$/MWh for each year with the remaining 5 years for payback account corrections.

Standard Contract Offer
by
Northern States Power Company

2012 Rate Sheet

| Years | \$/kW-mth | Years | \$/MWh |
|------------------------|---------------------------|-----------------------|-----------------------------|
| <u>Contract Length</u> | <u>Levelized Capacity</u> | <u>Payment Period</u> | <u>Levelized Energy (1)</u> |
| 1 | 0.00 | | |
| 2 | 0.00 | | |
| 3 | 0.00 | | |
| 4 | 2.94 | | |
| 5 | 3.55 | | |
| 6 | 3.96 | 1 | 41.37 |
| 7 | 4.27 | 2 | 42.32 |
| 8 | 4.51 | 3 | 43.25 |
| 9 | 4.71 | 4 | 44.04 |
| 10 | 4.87 | 5 | 44.70 |
| 11 | 5.01 | 6 | 45.44 |
| 12 | 5.13 | 7 | 46.15 |
| 13 | 5.23 | 8 | 46.89 |
| 14 | 5.33 | 9 | 47.50 |
| 15 | 5.41 | 10 | 48.08 |
| 16 | 5.49 | 11 | 48.56 |
| 17 | 5.56 | 12 | 49.07 |
| 18 | 5.63 | 13 | 49.54 |
| 19 | 5.69 | 14 | 50.00 |
| 20 | 5.75 | 15 | 50.39 |
| 21 | 5.80 | 16 | 50.76 |
| 22 | 5.85 | 17 | 51.13 |
| 23 | 5.90 | 18 | 51.50 |
| 24 | 5.95 | 19 | 51.82 |
| 25 | 5.99 | 20 | 52.22 |
| 26 | 6.03 | | |
| 27 | 6.07 | | |
| 28 | 6.10 | | |
| 29 | 6.14 | | |
| 30 | 6.17 | | |
| 31 | 6.20 | | |
| 32 | 6.23 | | |
| 33 | 6.26 | | |
| 34 | 6.29 | | |
| 35 | 6.32 | | |

(1) Minimum contract length required for levelized energy payments is 6 years. Maximum length is 20 years. Examples: A 6 year contract could receive one year of levelized energy rates at 41.37 \$/MWh with the remaining 5 years used for payback account corrections. A 20 year contract could receive 15 years of levelized payment at 50.39 \$/MWh for each year with the remaining 5 years for payback account corrections.

Standard Contract Offer
by
Northern States Power Company

2013 Rate Sheet

| Years | \$/kW-mth | Years | \$/MWh |
|------------------------|---------------------------|-----------------------|-----------------------------|
| <u>Contract Length</u> | <u>Levelized Capacity</u> | <u>Payment Period</u> | <u>Levelized Energy (1)</u> |
| 1 | 0.00 | | |
| 2 | 3.03 | | |
| 3 | 4.06 | | |
| 4 | 4.60 | | |
| 5 | 4.94 | | |
| 6 | 5.18 | 1 | 44.19 |
| 7 | 5.37 | 2 | 45.08 |
| 8 | 5.51 | 3 | 45.83 |
| 9 | 5.63 | 4 | 46.44 |
| 10 | 5.74 | 5 | 47.17 |
| 11 | 5.83 | 6 | 47.88 |
| 12 | 5.91 | 7 | 48.62 |
| 13 | 5.98 | 8 | 49.22 |
| 14 | 6.05 | 9 | 49.79 |
| 15 | 6.11 | 10 | 50.26 |
| 16 | 6.17 | 11 | 50.76 |
| 17 | 6.23 | 12 | 51.23 |
| 18 | 6.28 | 13 | 51.69 |
| 19 | 6.33 | 14 | 52.08 |
| 20 | 6.37 | 15 | 52.45 |
| 21 | 6.41 | 16 | 52.82 |
| 22 | 6.46 | 17 | 53.19 |
| 23 | 6.49 | 18 | 53.51 |
| 24 | 6.53 | 19 | 53.91 |
| 25 | 6.57 | 20 | 54.31 |
| 26 | 6.60 | | |
| 27 | 6.64 | | |
| 28 | 6.67 | | |
| 29 | 6.70 | | |
| 30 | 6.73 | | |
| 31 | 6.75 | | |
| 32 | 6.78 | | |
| 33 | 6.81 | | |
| 34 | 6.83 | | |
| 35 | 6.86 | | |

(1) Minimum contract length required for levelized energy payments is 6 years. Maximum length is 20 years. Examples: A 6 year contract could receive one year of levelized energy rates at 44.19 \$/MWh with the remaining 5 years used for payback account corrections. A 20 year contract could receive 15 years of levelized payment at 52.25 \$/MWh for each year with the remaining 5 years for payback account corrections.