

Network Integration Transmission Service Agreement (NITSA)
and Network Operating Agreement (NOA)

1. Please complete the **NITS Application** as follows and execute one (1) original:
 - a. MISO will fill in the date in the Title.
 - b. Complete Section 1.0.
 - c. If Wholesale Distribution Service will be requested for the distribution facilities, fill in Section 12.0 with the name of the Transmission Owner whose distribution lines you will be utilizing. If Wholesale Distribution Service is not requested, use “N/A” for Not Applicable.
 - d. Complete the Signatory Section.

1. Please complete the **NITS Service Agreement** as follows and execute two (2) originals:
 - a. Fill in the name of the Transmission Customer in Section 1.0; MISO will fill in the date.
 - b. Fill in the Transmission Customer notice information in Section 6.0.
 - c. Fill in the name, title and date information in the Signatory Section.

2. At the time a Transaction is requested, please complete the **Transaction Specification Sheet** (complete with attachments) and execute two (2) originals. MISO will fill in the date in the Title and 1.0.

3. After a Transaction has been or is being reviewed, the Parties will complete the **Network Operating Agreement** (complete with Exhibits) for the planning and operational aspects of the Transaction and execute two (2) originals. MISO will fill in the date in 1.0.

Note: **The enclosed documents are provided in a PDF Form. Please update only for the specific areas identified in the instruction sheets.**

Application for Network Integration Transmission Service
Dated as of _____

1.0 Transmission Customer Information

(a) Applicant Name: _____

(b) NERC Entity Code (Use 4 character NERC Entity Code): _____

(c) NERC Scheduling Desk/Tagging Code(s): _____

(d) DUNS Number: _____

(e) Contact Person:

Name: _____ Phone: _____ Ext.: _____

Title: _____ Fax: _____

Address: _____ Email: _____

2.0 Eligible Customer Explanation: [Must complete Eligible Customer Qualification Form in Online Market Participant Application]

3.0 This Request for Network Integration Transmission Service is a request for transmission service under Sections 211(a) and 213(a) of the FPA. This Request is not for transmission service for mandatory retail wheeling as prohibited under Section 212(h) of the FPA.

4.0 This Request is for available Network Integration Transmission Service from and to the Transmission Owners' interconnection points (as points of receipt or delivery) with other electric utilities or a specific point within the MISO area.

5.0 The names of other parties likely to provide transmission to deliver and receive electric energy would be the electric utilities that the Transmission Owners are interconnected with.

6.0 The proposed dates for initiating and terminating the Network Integration Transmission Service requested will be transaction specific.

7.0 The amount of transmission capacity requested is not known at this time. The amount of transmission service will be transaction specific.

8.0 The expected transmission profile is not known at this time. The profile of the transmission service will be transaction specific.

- 9.0 The priority of service for the Network Integration Transmission Service requested will be in accordance with the Network Integration Provisions of the MISO Open Access Transmission Tariff.
- 10.0 This Request is not being made as a response to a solicitation.
- 11.0 The Transmission Customer accepts the current rates, terms and conditions of the Network Integration Transmission Service provided by the electronic bulletin board of the MISO during the time periods of specific transactions.
- 12.0 Wholesale Distribution Service is requested for the Distribution Facilities for _____ . Exhibit WDS with a Single-line Diagram is necessary and is provided.
- 13.0 No other information is available at this time; however, when further information is available due to a transaction, the detail of each specific transaction (see points 4, 5, 6, 7, 8, 9, 10, 11 and 12 above) will be provided through a Transaction Specification for that requested transaction.

Applicant Name: _____

By: _____

Name: _____

Title: _____

Date: _____

Form of Service Agreement for
NETWORK INTEGRATION TRANSMISSION SERVICE

- 1.0 This Service Agreement, dated as of _____, is entered into, by and between MISO and _____ (“Transmission Customer”).
- 2.0 The Transmission Customer has been determined by the MISO to be a Transmission Customer under the Network Integration Transmission Service Provisions of the Tariff and the MISO agrees to provide service upon the request by an authorized representative of the Transmission Customer.
- 3.0 The Transmission Customer agrees to supply information the MISO deems reasonably necessary in accordance with Good Utility Practice in order to provide the requested service, to provide a Transaction Specifications with applicable deposit and will execute a Network Operating Agreement for each requested transaction, and agrees to take and pay for the requested service in accordance with the provisions of the Tariff and this Service Agreement.
- 4.0 Service under this agreement for a transaction shall commence on the later of: (1) the requested service commencement date, (2) the date on which construction of any Direct Assignment Facilities and/or Network Upgrades are completed, or (3) such other date as it is permitted to become effective by the Commission. Service under this agreement shall terminate on such date as mutually agreed upon by the Parties.
- 5.0 Any Wholesale Distribution Service necessary to effectuate a specific transaction under this Service Agreement shall be in accordance with Exhibit WDS.

6.0 Any notice or request made to either of the Parties shall be made to the following representatives:

	<u>MISO</u>	<u>Transmission Customer</u>
Title:	Contract Administrator	_____
Address:	720 City Center Drive	_____
	Carmel, IN 46032	_____

7.0 The Tariff, Transaction Specification Sheet, Network Operating Agreement and Exhibit WDS are incorporated herein and made a part hereof.

8.0 To the extent applicable, the following Power Factor Requirement(s) shall apply:

IN WITNESS WHEREOF, the Parties have caused this Service Agreement to be executed by their respective authorized officials.

MISO
By: _____
Name: _____
Title: _____
Date: _____

Transmission Customer
By: _____
Name: _____
Title: _____
Date: _____



FORM OF TRANSACTION SPECIFICATION SHEET FOR

Network Integration Transmission Service

Dated as of _____

1.0 In accordance with the Service Agreement, dated as of _____, by and between MISO and _____ (Transmission Customer), the Transmission Customer requests a transaction of Network Integration Transmission Service.

2.0 Nature of Transmission Request:

This request for Network Integration Transmission Service is due to

3.0 Type of Transmission Service:

The Network Integration Transmission Service requested is under the Tariff.

The Services requested are described as follows:

Specific local facilities needed to provide the service are

4.0 Term of Transaction: _____

Start Date: _____

Termination Date: _____



5.0 Description of capacity and energy to be transmitted by Transmission Provider:

Note: Include the electric control areas in which the transaction originates and terminates.

6.0 Point(s) of Receipt: _____

Delivering Party: _____

7.0 Point(s) of Delivery: _____

Receiving Party: _____

8.0 Network Resources

8.1 Transmission Customer Generation Owned or Leased:

Resource	Capacity	Capacity Designated As Network Resource	Designated Interfaces

8.2 Transmission Customer Generation Purchased:

Resource	Capacity	Capacity Designated As Network Resource	Designated Interfaces

Note: Attach operating information and description to comply with the Tariff and 18 CFR Section 2.20.

9.0 Network Load

9.1 Transmission Customer Network Load:

Network Load	Transmission Voltage Level

9.2 Description:

a) Receipt/Delivery Point Electrical Characteristics:

Note: Please include a Single-Line Diagram if the Delivery Point has Direct Assignment Facilities or Wholesale Distribution Service is necessary.

b) Expected Transmission Profile:

**Notes: (1) Provide seasonal peaks for the four latest periods.
(2) Provide average weekly load profiles for the four latest seasonal periods (in numbers and graphs).**

c) Historical Load Information:

**Notes: (1) Provide monthly clock hour Coincident Peak Demands (at time of Local Balancing Authority Area System Demand) for each of the last twelve months.
(2) Provide monthly clock hour Non-Coincident Peak Demands (Network Load Highest Demand) for each of the last twelve months.
(3) Provide monthly energy for each of the last twelve months.**



d) Forecasted Load Information:

**Note: (1) Provide projected summer and winter seasonal peak demands for each of the next ten (10) years.
(2) Provide projected energy for each of the next ten (10) years.**

e) Interruptible Load:

10.0 Description of Transmission Customers Transmission System:

11.0 Designation of party(ies) subject to reciprocal service obligation:

12.0 Name(s) of any Intervening Systems providing transmission service:

13.0 Party Responsible for Providing Real Power Losses:

14.0 Firmness of Service:

15.0 Reservation Priority:

16.0 Deposit:

Note: Please provide calculation.

17.0 Creditworthiness:

Any credit request should be addressed to the following:

Name: _____

Title: _____

Phone: _____

Fax: _____

E-mail: _____



18.0 Service under this Agreement may be subject to some combination of the charges detailed below, and will be determined in accordance with the terms and conditions of the Tariff.

18.1 Transmission Service Charge:

18.2 System Impact and/or Facilities Study Charge(s):

18.3 Network Upgrade:

18.4 Direct Assignment Facilities Charge:

18.5 Ancillary Services Charges:

18.6 Charges for Wholesale Distribution Service:

Note: See Attachment WDS enclosed.

18.7 Redispatch Charge:

18.8 Power Factor Requirements (if applicable):



19.0 Any notice or request made to the Transmission Customer regarding this Agreement shall be made to the following representative as indicated below:

Name: _____

Title: _____

Phone: _____

Fax: _____

E-mail: _____

20.0 The Tariff, Service Agreement and Network Operating Agreement are incorporated herein and made a part hereof.



IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their respective authorized officials.

MISO

Transmission Customer

By: _____

By: _____

Name: _____

Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

Planning Concurrence

By: _____

Date: _____

Operations Concurrence

By: _____

Date: _____

Transaction Accepted AREF# _____

The MISO executes this Transaction Specification Sheet and Network Operating Agreement subject to review by the MISO and the local Transmission Owner identifying any and all operating restrictions associated with this network service. Once identified, these operating restrictions will be added to the Network Operating Agreement. The MISO will not be responsible for redispatch costs associated with this service until these operating restrictions are identified and included in the Network Operating Agreement with the Transmission Customer.



**Form of Network Operating Agreement for
Network Integration Transmission Service**

- 1.0 This Network Operating Agreement (“Operating Agreement”), dated as of _____, is entered into, by and between MISO and _____ (“Network Customer”).
- 2.0 The purpose of this Operating Agreement is to provide the terms and conditions of the exchange of information between the Parties concerning the technical and operational matters in order to plan, design, build, operate and maintain their respective systems and specify the equipment that will be installed, maintained and operated consistent with Good Utility Practice.
- 3.0 Service under this Operating Agreement for a transaction shall commence on the later of: (1) the requested service commencement date, (2) the date on which construction of any Direct Assignment Facilities and/or Network Upgrades are completed, or (3) such other date as it is permitted to become effective by the Commission. Service under this Operating Agreement shall terminate on such date as mutually agreed upon by the Parties or the termination date of the transaction.
- 4.0 In order to coordinate and implement, on an ongoing basis, the terms and conditions of this Operating Agreement and the Provisions of Network Integration Transmission Service under the Tariff, including, but not limited to planning, operating, scheduling, redispatching, curtailments, control requirements, technical and operating provisions, integrations of equipment, hardware and software and other operating considerations, the Network Customer and MISO shall each appoint a representative, including an alternate, to a Coordination Committee to administer this Operating Agreement with the MISO representative being the chair. If the Network Customer has either Network Resources or Network Load within an ITC Control Area, the ITC may also appoint a representative, including an alternate, to the Coordination Committee. Said committee shall meet, or otherwise concur, as necessary both before and after the service commencement date. The committee shall establish and keep clear records of the meetings and decisions made by the committee. The expenses of the representatives shall be paid by the respective Parties.

5.0 The Network Customer shall either: (1) operate as a Local Balancing Authority Area under applicable guidelines of the North American Electric Reliability Council (“NERC”) and the applicable regional reliability council, (2) satisfy its Local Balancing Authority Area requirements, including all necessary Ancillary Services, by contracting with MISO or ITC, as applicable, or (3) satisfy its Local Balancing Authority Area requirements, including all necessary Ancillary Services, by contracting with another entity, consistent with Good Utility Practice, which satisfies NERC and the applicable regional reliability council requirements. MISO shall not unreasonably refuse to accept contractual arrangements with another entity for Ancillary Services.

6.0 The following Exhibits addressing certain needs concerning equipment, data, software, and long-term planning requirements are attached and incorporated hereto:

<u>Exhibit</u>	<u>Title</u>
A	Equipment to Integrate the Network Customer into the Transmission System
B	Data Transfer
C	Software
D	Long-Term Planning
E	Local Balancing Authority Area Requirements

7.0 The Tariff, Application, Service Agreement, Transaction Specifications and Exhibit WDS are incorporated herein and made a part hereof.

8.0 If the Network Customer has either Network Resources or Network Load within an ITC Balancing Authority Area, Network Customer shall, if required by ITC, enter into a Control Area Services Agreement with ITC pursuant to ITC’s Control Area Services and Operations Tariff or other applicable tariff on file with the Commission.

IN WITNESS WHEREOF, the Parties have caused this Operating Agreement to be executed by their respective authorized officials.

MISO

Network Customer

By: _____

By: _____

Name: _____

Title: _____

Date: _____

Planning Concurrence

By: _____

Date: _____

Operations Concurrence

By: _____

Date: _____

Transaction Accepted AREF# _____



**EQUIPMENT TO INTEGRATE THE NETWORK CUSTOMER INTO THE
TRANSMISSION SYSTEM**

Note: The equipment needed to integrate the Customer into the Transmission Provider's transmission system includes, but is not limited to remote terminal units ("RTU"), metering points and equipment, and any relaying equipment and settings. This listing should include the interconnection points and the necessary equipment and data needed to integrate the Transmission Provider and the Network Customer consistent with Good Utility Practice and any additional requirements reasonably and consistently imposed to ensure the reliable operation of the Transmission System.

DATA TRANSFER

Note: Each Party shall furnish to the other Party data available to it on such time bases as are established by the Parties when such data are needed for settlement, operating records, or other purposes consistent with the objectives thereof. As promptly as reasonably practicable, each Party shall render to the other Party statements setting forth data from sources available to it in such detail and with such segregation as may be needed for the transmission service provided under the Network Integration Transmission Service provisions of the Tariff. The data shall include, but not be limited to, heat rates and operational characteristics of Network Resources, generation schedules for units outside the Transmission Provider's Transmission System, interchange schedules, unit outputs for redispatch, voltage schedules, loss factors, and other real-time data.

SOFTWARE SYSTEMS

Note: The Parties shall provide the software needed for data links and constraint dispatching.



LONG-TERM PLANNING

Note: The Network Customer shall provide 10 year load and resource forecasts to allow the long-term planning of the integrated systems. Also included shall be any future changes in the transmission systems of either party, which will affect the operation, or reliability of the Transmission System.

LOCAL BALANCING AUTHORITY AREA REQUIREMENTS

<u>SERVICE</u>	<u>FROM TRANSMISSION PROVIDER</u>	<u>CUSTOMER AS CONTROL AREA</u>	<u>FROM THIRD PARTY</u>
Scheduling, System Control and Redispatch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reactive Supply and Voltage Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Regulation and Frequency Response	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Energy Imbalance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Operating Reserve-Spinning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Operating Reserve-Supplemental	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Note: The Network Customer shall arrange for all Local Balancing Authority Area requirements including necessary Ancillary Services. These requirements can be met by operating as a Local Balancing Authority Area, contracting with the Transmission Provider, or by contracting with a Third Party. The elections of the Network Customer shall be noted above.

Exhibit WDS for Wholesale Distribution Service (WDS)

1. At the time a Transaction is requested which involves or requires Wholesale Distribution Service (WDS), please provide as much detail as possible for the **Exhibit WDS** and a Single-line Diagram.
2. After the rates and charges are determined (See Section 3.0) two (2) originals will be completed for execution.

Note: **The enclosed documents are provided in a PDF Form. Please update only for the specific areas identified in the instruction sheets.**

Exhibit WDS

For Wholesale Distribution Service

1.0 To the extent necessary to effectuate a specific transaction entered into pursuant to a Service Agreement under the Tariff, the following Transmission Owner(s) shall provide Wholesale Distribution Service over their Distribution Facilities:

Note: Attach a Single-Line Diagram of the Electric Facilities.

2.0 Start Date: _____

Termination Date: _____

3.0 The following rates, charges, and, where applicable, real power losses will apply for the requested Wholesale Distribution Service:

4.0 The Service Agreement and Tariff are incorporated herein and made a part hereof.

IN WITNESS WHEREOF, the Parties have caused this Exhibit WDS to the Service Agreement to be executed by their respective authorized officials.

MISO

Transmission Customer

By: _____

By: _____

Name: _____

Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

