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This document was prepared by: *NYISO Distributed Resource Integration* 

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#### Disclaimer

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#### Introduction

This registration packet contains the forms required for enrollment in the Day-Ahead Demand Response Program (DADRP).

The Demand Reduction Provider is the financially responsible party that represents one or more Demand Side Resources in the Day-Ahead Demand Response Program. A Demand Reduction Provider is required to become a NYISO Customer prior to becoming a Demand Reduction Provider. To become a NYISO Customer, complete the basic NYISO Customer Registration Packet in addition to the DADRP Provider Registration Packet.

The DADRP Resource is the entity responsible for achieving the load reduction in the program. The DADRP Resource may be a single Demand Side Resource or a grouping of Demand Side Resources that are all served by the same Load-Serving Entity. A DADRP Resource that wishes to enroll directly into the DADRP Program must become a NYISO Customer. To enroll Demand Side Resources as a DADRP Resource, complete this DADRP Resource Registration Packet.

Submit the initial DADRP Resource Registration Packet with appropriate appendixes as indicated each time there is a change in the Demand Side Resource(s) that comprise the DADRP Resource.

#### **Instructions for completing this PDF FORM**

Please complete all sections and check the Not Applicable box if a section does not apply.

Upon completion of the form, save, print, and, if applicable, sign the form. Send completed form(s) to the NYISO as directed on the Page vi and the respective form(s).

#### **Form-Specific Instructions**

#### 1. DADRP DEMAND REDUCTION PROVIDER INFORMATION

1.1 Enter the full legal company name (as registered with the NYISO) and contact information for the organization enrolling DADRP Resource.

1.2 DADRP PROGRAM CONTACTS: Include primary and alternate contacts for DADRP-related program administration.

#### 2. DADRP RESOURCE REQUIREMENTS

2.1. MIS MODELING FORM: Enter the information required for modeling the DADRP Resource.

Generator PTID: NYISO will assign a Generator PTID for new generators

Generator Name: Subject to NYISO naming convention

*Generator Limits*: Enter the amount of reduction enrolling in DADRP for each limit.

One-line diagram: One-line diagrams are required for modeling of a DADRP Resource. See Section 2.1.1 for details on requirements.

- 2.2.DADRP Demand Side Resource(s) Reporting:
  - Part 1: Enter the DADRP Resource Name and Total MW as indicated.
  - Part 2: DADRP Demand Side Resource(s) Reporting Forms:

Complete a row in each table (A & B) for each Demand Side Resource enrolled as part of the DADRP Resource. If a single Demand Side Resource is enrolling to provide the entire reduction of the DADRP Resource, complete only one row in each table.

A DADRP Resource may comprise a grouping of individual Demand Side Resources from the same Load zone and with the same Load-Serving Entity.

Generator PTID: NYISO will assign a Generator PTID for new generators

Action (+/-): Indicate whether an individual Demand Side Resource is being added or removed from the given grouped DADRP resource.

*DRIS Resource ID*: Enter Demand Response Information System Resource ID, if known. The field may be left blank.

LSE Letter Attached: Indicate whether or not a verification letter signed by the Load Serving Entity (LSE) of a Demand Side Resource has been submitted simultaneously with Attachment A. This letter is required before your registration will be processed.

METER AUTHORITY/MDSP Letter Attached: Indicate whether or not a verification letter signed by the Meter Data Service Provider (METER AUTHORITY/MDSP) of a Demand Side Resource has been submitted simultaneously with Attachment A. This letter is required before your registration will be processed.

Demand Side Resource Acknowledgement Letter Attached: Indicate whether or not a confirmation letter has been signed by each Demand Side Resource included on Attachment A. A letter is required for each Demand Side Resource enrolled as part of the DADRP Resource before your registration will be processed.

Local Generator Type: Generator types are: Internal Combustion Engine, Combustion Turbines, Steam Engines and Cogeneration units (including Combined Heat and Power units), Others – must specify supply source if not provided in the list above

Local Generator Fuel Type: The primary fuel type used for each Local Generator: Coal, Diesel, Natural Gas, Oil, Gasoline, Kerosene, Propane, Wood, Landfill Gases and Waste products, Other – must specify fuel source if not provided in the list above

*Generator Vintage:* The year (or reasonable estimate if not known) the generator was built (included on nameplate)

Generator Retrofit Year: If the generator was retrofitted for emission control equipment please include the year of the retrofit

Nameplate Capacity: MW rated capacity for the generator.

*Engine HP:* The horsepower rating of the engine.

#### **ADDITIONAL REQUIRED FORMS:**

#### ATTACHMENT A

LSE FORM LETTER: This required letter is to be used by a Load Serving Entity (LSE) to confirm that they serve the load of the Demand Side Resource(s) that comprise this DADRP Resource. The Load Serving Entity must be registered with the NYISO.

#### ATTACHMENT B

METER DATA SERVICE PROVIDER FORM LETTER: This required letter is to be used by a Meter Data Service Provider (METER AUTHORITY/MDSP) to confirm that they will supply meter data for the Demand Side Resource(s) that comprise this DADRP Resource. The Meter Data Service Provider must be registered with the NYISO.

#### ATTACHMENT C

DEMAND SIDE RESOURCE ACKNOWLEDGEMENT LETTER: This required letter is to be completed by each Demand Side Resource (DSR) to confirm that they are aware that they are participating as a resource in the NYISO's DADRP program. If a Demand Reduction Provider is enrolling itself as a DADRP resource, it is not required to complete Attachment C of this registration packet.

#### **Who May Sign Documents**

All documents submitted as part of an Application must be signed, to the extent a signature is required, by a person authorized to sign on behalf of the Applicant. The Applicant's resolution, which the Applicant submits with its Application must list the individuals authorized to sign the Service Agreements on behalf of the Applicant. The NYISO reserves the right to seek assurance at any time that any person signing documents on behalf of an Applicant (or an existing Customer or Limited Customer) is authorized to do so.

#### **Delivery**

The Application and any modifications must be:

1) Mailed to (no faxes will be accepted)

NYISO Member Relations Attn: Customer/Guest Registration 10 Krey Blvd Rensselaer, New York 12144

OR

2) Scanned and emailed to customer registration@nyiso.com

OR

3) Signed electronically and emailed to customer registration@nyiso.com

Please submit single-sided documents only. The NYISO reserves the right to reject Applications submitted as double-sided documents.

All applicable information is required to be completed in its entirety. If further assistance is needed in completing the Application, please contact Member Relations at (518) 356-6060 or via e-mail at: <a href="mailto:customer\_registration@nyiso.com">customer\_registration@nyiso.com</a>.

## 1. DADRP DEMAND REDUCTION PROVIDER APPLICANT INFORMATION

#### 1.1 General Information

#### 1.1.1 Demand Reduction Provider Applicant Name and Application Date

<b>Demand Reduction</b>		
Provider	Date	
<b>Organization Name</b>		

#### 1.1.2 Demand Reduction Provider Applicant Address

Address Line 1		
Address Line 2		
City	State/Province	
Zip/Postal Code	Country	
Web Site URL		
<b>Primary Phone</b>		
E-mail Address		

#### 1.2 DADRP Demand Reduction Provider Program Contact(s)

#### 1.2.1 Primary DADRP Demand Reduction Provider Program Contact

(This is the MIS Admin of the Demand Reduction Provider)

First Name	Last Name
Title	
Address Line 1	
Address Line 2	
City	State/Province
Zip/Postal Code	Country
<b>Primary Phone</b>	Secondary Phone
<b>Mobile Phone</b>	
E-Mail Address	

#### 1.2.2 Alternate DADRP Demand Reduction Provider Program Contact

First Name	Last Name	
Title		
Address Line 1		
Address Line 2		
City	State/Province	
Zip/Postal Code	Country	
<b>Primary Phone</b>	<b>Secondary Phone</b>	
<b>Mobile Phone</b>		
E-Mail Address		

#### 2. DADRP RESOURCE REQUIREMENTS

This form is required for new DADRP Resource registrations and any time there is an addition or change to an existing DADRP Resource.

NOTE: This form must be completed each time there is a change to the demand reduction capability of the DADRP Resource or the grouped DADRP resource. The revised limits will not be in effect until the NYISO provides confirmation to the Demand Reduction Provider.

Requested Effective Date	Application # [NYISO use only]	MIS Org ID [NYISO use only]	Date Received [NYISO use only]		

#### 2.1 MIS Modeling Form – DADRP Resource Information

DADRP Resource Name	
DADRP Resource Zone	
GENERATOR PTID	
(NYISO will assign for new generator)	
GENERATOR NAME	
(Subject to NYISO naming conventions)	
Interval Metering Installed (Yes/No)	☐ Yes ☐ No
Interval Metering Installation Date	
Transmission Owner (TO)	
Interconnection Point	
Max Winter Operating Limit (MW)	
Max Summer Operating Limit (MW)	

#### 2.1.1 One Line Diagram

A one-line diagram is required for all new DADRP Resources.

- Single Demand Side Resources that enroll as a DADRP resource must provide a
  breaker station diagram and a station voltage one-line diagram indicating the kilovolt
  level at which the unit will be modeled. Any situation that requires a transformer to
  connect to the grid also requires additional step-up transformer and transformer
  impedance information that should be submitted with the Application.
- Grouped Demand Side Resources: For each Demand Side Resource that comprises
  the DADRP Resource, provide a one-line diagram indicating the complete meter
  configuration of the load that will provide the load reduction for DADRP and its
  connection to the distribution system.

Please submit as a PDF file with contact information to: customer\_registration@nyiso.com. Please label any information designated as confidential in accordance with NYISO's tariffs before submitting.

#### 2.2 DADRP Resource

A DADRP Resource may be a single Demand Side Resource or a grouping Demand Side Resources from the same Load zone and with the same LSE.

#### Part 1- DADRP Resource Details

Enter the name and total enrolled MW of the DADRP resource, either the enrolled MW of the single Demand Side Resource or the total of all the Demand Side Resources in the grouped DADRP resource.

DADRP Resource Name	DADRP Resource Total MW

#### Part 2 – DADRP Demand Side Resource(s) Reporting (next page)

A DADRP resource may be comprised of a grouping of individual Demand Side Resources from the same Load zone and with the same LSE.

Complete a row in both table A and table B for each Demand Side Resource enrolled as part of the DADRP resource. If a single Demand Side Resource is enrolling to provide the entire reduction of the DADRP Resource, complete only one row per table.

NOTE: Each time a Demand Side Resource is added to or removed from the grouped DADRP resource, this form must be provided to the NYISO. Any revision to limits associated with such changes will not be in effect until the NYISO provides confirmation to the Demand Reduction Provider.

NOTE: This form must be completed and provided to the NYISO each time a Demand Side Resource (DSR) is added to or removed from the grouped DADRP resource. All information requested on the form is required and must be provided correctly, including the physical address and unique Transmission Owner account number for each DSR. Any requests for revisions to DADRP Resource's operating limits associated with such changes will not be in effect until the NYISO completes the review and provides confirmation of such change to the Demand Reduction Provider.

	PART 2A: DADRP Demand Side Resource(s) Reporting: Table A 1 of pages														
	ALL INFORMATION REQUESTED BELOW IS REQUIRED TO BE PROVIDED FOR EACH DEMAND SIDE RESOURCE WITH A UNIQUE PHYSICAL LOCATION AND TO ACCOUNT NUMBER THAT COMPRISES THE DADRP RESOURCE.														
Act	ion			CATION	*TO Account	INT NOWIDER III	LAT COMITA	SES THE DITE	KI KESOUKUE.		Historical				
+	-	Resource Name	Addr	ess	# (Required for each unique physical location of a DSR)	**Interruptible Load Rating kW (Rounded up to 0.1 kW)	DRIS Resource ID (if available )	LSE Letter (Attachment A)	METER AUTHORITY/ MDSP Letter (Attachment B)	DSR Letter (Attachment C)	Operating Data Attached (See Section 3.3 of DADRP Manual)				
				rritory, state	the Point of Distribution	on ID (POD ID); Do I	Not Use the TO A	Account Number.	1						
Red	uctio	ed DADRP Dem n Provider Signa	ature				Date Signed								
		ed DADRP Dem n Provider Print													
Ret	ırn C	ompleted and S	igned form to	: Membe	r Relations, NYISC	, 10 Krev Bouleva	rd. Rensselae	r. NY 12144							

#### Part 2A - DADRP Demand Side Resource(s) Reporting - continued

(If additional space is needed beyond this page, please complete multiple copies of this page.)

NOTE: Each time a Demand Side Resource is added to or removed from the grouped DADRP resource, this form must be provided to the NYISO. Any requests for revisions to DADRP Resource's operating limits associated with such changes will not be in effect until the NYISO completes the review and provides confirmation of such change to the Demand Reduction Provider.

and	i pro	vides confirma	ation of suci	n change	to the Demand R	eduction Provid	er.						
			DA	DRP D	emand Side Re	esource(s) Re	porting: Ta	ble A	of page	S			
	ALL	INFORMATIO			OW IS REQUIRED AND TO ACCOU						PHYSICAL		
Act	ion		LC	CATION	*TO Account		HAT COMPRI	SES THE DAD			Historical		
+	-	Resource Name	Addr	ess	# (Required for each unique physical location of a DSR)	Interruptible Load Rating kW (Rounded up to 0.1 kW)	DRIS Resource ID	LSE Letter (Attachment A)	METER AUTHORITY/ MDSP Letter (Attachment B)	DSR Letter (Attachment C)	Operating Data Attached (See Section 3.3 of DADRP Manual)		
*Res	ource	s in RGE's or NYS	EG's service te	rritory, state	the Point of Distribution	on ID (POD ID); Do	Not Use the TO A	Account Number.					
Red	uctio	ed DADRP Den n Provider Sign	ature				Date Signed						
		ed DADRP Den n Provider Prin					DADRP Demand Reduction Provider Company Name						
Ret	urn C	Completed and S	igned form t	o: Membe	er Relations, NYISC	), 10 Krey Boulev	ard, Rensselae	r, NY 12144					

	DADRP Demand Side Resource(s) Reporting: Table B1 of pages  ALL INFORMATION REQUESTED BELOW IS REQUIRED TO BE PROVIDED FOR EACH DEMAND SIDE RESOURCE WITH A UNIQUE PHYSICAL																		
ALL IN	FOR	MATI	ON R											FOR EACH DE COMPRISES T				UNIQUE PHY	SICAL
	]	Local	Gene	erator Type					al G						Gener		Generator		
TO Account #	IC E	C T	S E C	Other	С	D	N	o	G	K				Other	Vintage generate built estim	or was	Retrofit Year (if retrofitted for emissions control)	Nameplate Capacity	Engine HP
Authorized Reduction I							•	•			•		Date	Signed	•				
Authorized Reduction I														ORP Demand Re vider Company I					
Return Cor	nplete	d and	Signe	d form to: Memb	er R	elatio	ons, l	NYIS	50, 1	0 Kr	ey Bo	oulev	ard,	Rensselaer, NY	12144				

NOTE: Local Generator Types: ICE = Internal Combustion Engine, CT = Combustion Turbine, SEC = Steam Engines and Cogeneration units (including Combined Heat and Power units)

NOTE: Local Generator Fuel Type: C = Coal, D = Diesel, N = Natural Gas, O = Oil, G = Gasoline, K = Kerosene, P = Propane, W = Wood, L = Landfill Gases and Waste Products

#### Part 2B - DADRP Demand Side Resource(s) Reporting - continued

(If additional space is needed beyond this page, please complete multiple copies of this page.)

	DADRP Demand Side Resource(s) Reporting: Table B1 of pages																		
ALL IN	ALL INFORMATION REQUESTED BELOW IS REQUIRED TO BE PROVIDED FOR EACH DEMAND SIDE RESOURCE WITH A UNIQUE PHYSICAL LOCATION AND TO ACCOUNT NUMBER THAT COMPRISES THE DADRP RESOURCE.																		
	I	Local	Gene	rator Type					al Ge						Genera		Generator		
TO Account #	IC E	C T	S E C	Other	С	D	N	o	G	K	P	W	L	Other	generato built	Vintage (year generator was built or estimate)	Retrofit Year (if retrofitted for emissions control)	Nameplate Capacity	Engine HP
						]													
Authorized Reduction P					•		•	•					Date	Signed					
Authorized Reduction P														ORP Demand Revider Company N					
Return Con	plete	d and	Signe	d form to: N	Aember R	elati	ons, l	NYIS	0, 10	Kre	ey Bo	uleva	ard,	Rensselaer, NY	12144				

NOTE: Local Generator Types: ICE = Internal Combustion Engine, CT = Combustion Turbine, SEC = Steam Engines and Cogeneration units (including Combined Heat and Power units)

NOTE: Local Generator Fuel Type: C = Coal, D = Diesel, N = Natural Gas, O = Oil, G = Gasoline, K = Kerosene, P = Propane, W = Wood, L = Landfill Gases and Waste Products

#### 3. ATTACHMENT A - LSE FORM LETTER

This two-part letter is to be used by a Load Serving Entity (LSE) to confirm that they serve the load of the Demand Side Resource(s) that comprise this DADRP Resource. The Load Serving Entity must be registered with the NYISO. <u>Parts 1 and 2 are required.</u>

The service provided must be consistent for every resource listed on the form letter. If the LSE also provides Meter Data for a Demand Side Resource the LSE must also fill out Attachment B - METER AUTHORITY/MDSP Form letter.

<u>PART 1</u>
Attachment A – LSE Form Letter: Load Serving Entity Information

Load Serving Entity				
Load Serving Entity Name as registered with the NYISO				
<b>Contact First Name</b>	Last Name			
Title				
Address Line 1				
Address Line 2				
City	State/Province			
Zip/Postal Code	Country			
<b>Primary Phone</b>	Secondary Phone			
<b>Mobile Phone</b>				
E-Mail Address				

**Continue to Part 2** 

PART 2
Attachment A – LSE Form Letter: List of Resources Served by LSE

		LSE	Name:		
	Attachment A: Form of pages: Part 2 LSE Form Letter				
Act +	ion -	Resource Name	TO Account #  (Required for each unique physical	LSE Short	
П			location of a DSR)	Name	

I HEREBY CERTIFY that, as an authorized representative of the LSE company named below, the end-use locations named above on this LSE Form Letter purchase their electric service from the LSE Company named below and the information contained in this form pertaining to enrollment of the end-use locations listed above into the Day-Ahead Demand Response Program by the Demand Reduction Provider named below is complete and correct.

Authorized DADRP Demand Reduction Provider Signature		Date Signed		
Authorized DADRP Demand Reduction Provider Printed Name		DADRP Demand Reduction Provider Company Name		
Authorized LSE Signature		Date Signed		
Authorized LSE Printed Name		Title		
Return Completed and Signed form to: Member Relations, NYISO, 10 Krey Boulevard, Rensselaer, NY 12144				

## 4. ATTACHMENT B - METER AUTHORITY/MDSP FORM LETTER

This two-part letter is to be used by a Meter Data Service Provider (METER AUTHORITY/MDSP) to confirm that they provide meter data for the Demand Side Resource(s) that comprise this DADRP Resource. The Meter Authority/MDSP must be registered with the NYISO. Parts 1 and 2 are required.

A list of qualified Meter Data Service Providers is listed on the PSC website <a href="http://www.dps.state.ny.us/MSP\_METER AUTHORITY/MDSP\_Eligible.html">http://www.dps.state.ny.us/MSP\_METER AUTHORITY/MDSP\_Eligible.html</a>. Transmission Owners are Meter Authorities.

The service provided must be consistent for every resource listed on the form letter. If the METER AUTHORITY/MDSP also serves the load for Demand Side Resource, the METER AUTHORITY/MDSP must also fill out Attachment A – LSE Form Letter.

In the case of all DADRP resources, the function of the respective Meter Authority/MDSP will include reporting the actual hourly Demand Reduction value for each PTID in accordance with NYISO's <a href="Meter Data Management Protocols">Meter Data Management Protocols</a> for generator data. In the case of grouped DADRP resources, this totalized metering may include many Demand Side Resources.

PART 1
Attachment B: Meter Authority/Meter Data Service Provider Information

Meter Authority/Meter Data Service Provider				
Meter Authority/ Meter Data Service Provider Name as				
registered with the NYISO				
<b>Contact First Name</b>		Last Name		
Title				
Address Line 1				
Address Line 2				
City		State/Province		
Zip/Postal Code		Country		
Primary Phone		Secondary Phone		
<b>Mobile Phone</b>				
E-Mail Address				

Continue with Part 2

## PART 2 Attachment B: Meter Authority/Meter Data Service Provider Form Letter

METER AUTHORITY/MDSP Name:							
Attachment B: Form of pages: Part 2 MDSP Form Letter							
Act	ion -	Resour	rce Name	(R	TO Account # equired for each unique phys	ical location	
					of a DSR)		
I HEREBY CERTIFY that, as an authorized representative of the Meter Authority/MDSP company named below, the Meter Authority/MDSP company is authorized to provide meter data services for the Demand Reduction Provider for the end-use locations named on this Meter Authority/MDSP Form Letter into the Day-Ahead Demand Response Program by the Demand Reduction Provider named below is complete and correct.							
		OADRP Demand rovider Signature			Date Signed		
	ction P	OADRP Demand covider Printed			DADRP Demand Reduction Provider Company Name		
		METER Y/ MDSP Signature			Date Signed		
Autho AUTI Name	orized M HORIT	METER Y/ MDSP Printed			METER AUTHORITY/ MDSP Company Name		
Return Completed and Signed form to: Member Relations, NYISO, 10 Krey Boulevard, Rensselaer, NY 12144							

## 5. ATTACHMENT C - DEMAND SIDE RESOURCE ACKNOWLEDGEMENT LETTER

This letter is to be completed and signed by **each** Demand Side Resource enrolled as a DADRP Resource. This letter confirms the Demand Side Resource's participation in the NYISO's DADRP program.

Attachment C – Demand Side Resource Information (Complete for each Demand Side Resource that is enrolled as a DADRP Resource, individual or grouped. Use additional pages to document each Demand Side Resource.)

		<u> </u>	
<b>Demand Side</b>			
Resource Name			
<b>TO Account Number</b>			
(Required for each unique p	physical location of a DSR)		
<b>Contact First Name</b>		Last Name	
Title			
	Physical	Address	
Address Line 1		State/Province	
Address Line 2		Country	
City		Secondary Phone	
Zip/Postal Code		Fax Number	
	Mailing	Address	
Address Line 1			
Address Line 2			
City		State/Province	
Zip/Postal Code		Country	
<b>Primary Phone</b>		Secondary Phone	
<b>Mobile Phone</b>			
E-Mail Address			

I HEREBY CERTIFY that the information contained in this form and its attachments pertaining to enrollment of the end-use location listed above into the Day-Ahead Demand Response Program by the Demand Reduction Provider recorded below is complete and correct.

Authorized DADRP Resource Signature		Date Signed		
Authorized DADRP Resource		DADRP Resource Company		
Printed Name & Title		Name		
Authorized Demand Side Resource Signature		Date Signed		
Authorized Demand Side		Demand Side Resource		
Resource Printed Name & Title		Company Name		
Return Completed and Signed form to: Member Relations, NYISO, 10 Krey Boulevard, Rensselaer, NY 12144				