



**Company Name:** City of Columbus Department of Public Utilities (“DPU”), Division of Power (“DOP”) (**Hereinafter, “Customer”, “You” and “Your”**) **Utility Zone:** PJM ISO, AEP Zone **Utility Acct #(s):** City of Columbus Department of Public Utilities (“DPU”) Division of Power (“DOP”), including the Division of Water (“DOW”), Division of Sewerage and Drainage (“DOSD”), and Retail Facilities.

**Address:** Director’s Office, 910 Dublin Road, Columbus, Ohio 43215

**Contact Person:** Ms. Melinda Cunningham, Fiscal manager - Capital **Tel #:** (614) 645- 7261 **Email:** [MCunningham@Columbus.gov](mailto:MCunningham@Columbus.gov)

Customer hereby agrees to enroll in NRG Curtailment Solutions, Inc. (NRGCS) PowerPay! Program(s) and authorizes NRGCS to be its exclusive demand response provider for all applicable demand response-related programs offered with PJM relating to energy, capacity and ancillary services (“Agreement”). Customer represents it is within its authority to enter into this Agreement and to curtail electricity usage at Customer facilities. Customer makes no representation about any Retail Facilities’ ability to curtail electricity usage at their facilities.

**Payment Terms:**

**Annual – Year Round**

For the Pre-emergency and Emergency programs Customer will be paid as follows for its reduction:

**Capacity Payments:** Customer will receive 91% of the PJM BRA clearing price for all auctions in which NRGCS has cleared capacity for its zone (Capacity Payment Rate). Payments are made quarterly, prior to March 31<sup>st</sup>, June 30<sup>th</sup>, September 30<sup>th</sup> and December 31<sup>st</sup>, reflecting separately the quarterly summer performance and quarterly winter performance. Payments are aggregated for all the water, and separately all the waste water facilities. Payments to Retail Customers are based on individual facility performance. Capacity Payments are based on Customer’s Capacity Payment Rate multiplied by Customer’s Summer Expected Reduction multiplied by Customer’s Performance (summer performance payment) plus Customer’s Capacity Payment Rate multiplied by Customer’s Winter Expected Reduction multiplied by Customer’s Performance (winter performance payment).

**Energy Payment:** Customer will receive 100% of energy payments Customer if any, that NRGCS receives from PJM associated with its reduction, paid quarterly, prior to March 31<sup>st</sup>, June 30<sup>th</sup>, September 30<sup>th</sup> and December 31<sup>st</sup>, reflecting separately the quarterly summer performance and quarterly winter performance.

In the event that PJM calls a *Deploy All Resources Action*, Customer’s payments shall be adjusted based upon its performance during such action in accordance with PJM program rules.

**Term.** This Agreement will be effective as of the date Customer signs this Agreement (“Effective Date”) and will continue for three (3) year(s) following the Effective Date, (“Initial Term”), which period shall begin to run as of the date Customer is first enrolled in the applicable program (“Start Date”) and shall end at the conclusion of the last Performance Obligation Period in the Initial Term. If Customer or NRGCS determines any of Customer’s accounts are unable to participate during a Performance Obligation Period before the Registration Date, NRGCS will not register Customer for that Performance Obligation Period and Customer will not receive any payments hereunder; however, this contract will continue to remain in effect and NRGCS will continue to be Customer’s exclusive demand response provider for the Term. After the Initial Term, this Agreement may be renewed annually upon Notice from Customer to NRGCS of its intent to renew this Agreement at least ninety (90) days’ prior to the expiration of the then current term.

Each Party represents to the other Party that the execution, delivery and performance of this Agreement have been duly authorized, and this Agreement has been duly executed and delivered by the signatory so authorized, and the obligations contained herein constitute the valid and binding obligations of such Party.

**Miscellaneous.** This Agreement and any Renewals or Addenda constitute Customer’s entire Agreement with NRGCS and supersede any prior agreements between the Parties. This Agreement may only be modified in writing.

Signature: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

NRGCS Signature: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_





NRGCS shall determine in its discretion if you qualify for a PJM program or other program and whether you will be registered in the applicable program. NRGCS reserves the right to withhold your registration should there be a material change(s) to program rules, terms or conditions.

**Definitions.** Any capitalized terms not defined herein shall have the meaning ascribed to that term in the Registration Confirmation, or if undefined in the Registration Confirmation, in the applicable tariff, manual, or program rules.

**“Delivery Year”** is the one year period defined by each RTO/ISO, utility, or other program administrator during which programs are available, which may include a full year or lesser periods defined by multiple seasons or multi-month periods.

**“Event”** is a load curtailment event called by PJM.

**“Expected Reduction”** is the expected kW reduction based on your hourly metered load, which may be referred to as “Annual Expected Reduction”, “Winter Expected Reduction”, and/or “Summer Expected Reduction”, as applicable in this Agreement and Registration Confirmation. The Expected Reduction shall be determined in consultation with and shall be based on NRGCS’s assessment of your ability to perform. NRGCS will notify you of the Expected Reduction in a Registration Confirmation and/or acknowledgement (“Registration Confirmation”) that shall be incorporated and made part of this Agreement. NRGCS shall reassess your Expected Reduction periodically and will collaborate to reach mutual agreement with the Customer based on historical performance, an engineering study, change in operating circumstances, or other factors impacting ability to reduce load to determine your final, registered Expected Reduction. You agree to acknowledge and comply with the terms of the Registration Confirmation; however, in no case shall you be required to exceed the Maximum Performance Requirements defined herein. Should there be a material change(s) to contract terms and conditions, performance requirements or program rules, Customer will receive with its annual Registration Confirmation a contract amendment with the right to opt-out of the program. The term “Expected Reduction” may be used more than one time in this Agreement and shall be distinguished by the season identified preceding the term “Expected Reduction” (e.g., “Annual” Expected Reduction), or as context dictates.

**“Performance”** equals your average, actual delivered kW reduction, without taking into account a winter weather adjustment factor, expressed as a percentage of your Registered Reduction (capped at 100% per hour) over all called Event hours during the Performance Obligation Period. If no Event is called, your payments will be based on your performance during any Tests. NRGCS is authorized year-to-year to exercise discretion to apply, or not to apply, a winter weather adjustment factor to your zone, and any changes shall be disclosed in your Registration Confirmation. The term “Performance” may be used more than one time in this Agreement and shall be evaluated with reference to the season referenced, or as this Agreement or context dictates (e.g., unless otherwise noted, if no Event is called during the winter season, your “winter Performance” shall be determined based on your performance during a summer Test). For example, Customer is registered for 10 MW, delivered 9 MW then performance becomes 90% with expected payment equal to 90% of “Registration Value”.

**“Test”** is your obligation to demonstrate your ability to curtail load. You agree to curtail during one or more tests required under the PJM program rules. You also authorize NRGCS to perform seasonal tests at its discretion to verify your ability to participate. You authorize NRGCS to perform tests of notification processes during which you are not required to curtail any load.

**Access.** You agree to grant NRGCS and/or its authorized representative reasonable access to your premises for the purpose of determining an achievable kW reduction level. You agree to acknowledge and comply with the terms of the Registration Confirmation; however, in no case shall you be required to exceed the Maximum Performance Requirements defined, herein. NRGCS retains the right to collaborate to reach mutual agreement with Customer to reduce offers submitted by you based on historical performance, an engineering study, change in operating circumstances, or other factors impacting ability to reduce load, however NRGCS retains final authority to reduce offers if required for compliance risk mitigation reasons.

You agree to curtail your electric usage for all Event and Test hours during the Performance Obligation Period as dispatched by PJM and/or NRGCS for your zone(s). You agree to begin curtailing when notified with sufficient lead time to achieve your Expected Reduction within the designated Performance Response Time. You agree to use commercially reasonable efforts to curtail your usage at the Expected Reduction value.

You will not be subject to financial penalties assessed by PJM Capacity Performance or other applicable demand response programs when participating in the PowerPay! Program, even if you fail to reduce electricity when called.

You acknowledge and agree that NRGCS has no obligation to pay you under this Agreement unless and until payment is received from PJM.

**Metering Equipment.** You authorize NRGCS or its authorized representative to install an interval meter (“NRGCS Equipment”) at a mutually agreed upon location, at no cost to you, and you authorize NRGCS or its representative to enter your premises for this purpose. You understand that NRGCS retains ownership of this NRGCS Equipment. If you no longer have an agreement with NRGCS, you will cooperate with NRGCS in the event that it wishes to recover the NRGCS Equipment. A meter installed by NRGCS contains software proprietary to NRGCS and NRGCS grants you a license to use the software for as long as you are enrolled with NRGCS.

**Generator Attestation.** You shall promptly notify NRGCS if the status of your permits has changed, or if your use or ownership of a generator has changed.

**Agency Authorization.** In order to streamline the registration of your account(s), you authorize NRGCS to act as your agent to complete any documents required by PJM in connection with your enrollment in NRGCS’s demand response program. This includes a Third Party Authorization allowing your utility to release to NRGCS information such as billing records and meter usage data. You also authorize NRGCS to complete any forms on your behalf required to allow NRGCS to install an interval meter, if eligible. Such agency authorization shall remain in effect for the duration of this agreement.

**Information Sharing.** In order to provide better value and ensure quality of service you authorize NRGCS to share your information with NRGCS affiliates or subsidiaries, as well as with third party partners that we have contracted with NRGCS to perform certain functions or services on behalf of you and/or NRGCS relating to execution of this Agreement.

**Assignment.** NRGCS may contract with its affiliates and subsidiaries and with subcontractors to perform its obligations under the Agreement and may assign, without your consent, its rights and obligations under the Agreement in whole or in part to an affiliate or to a successor-in-interest that is as creditworthy as NRGCS.



**Complete Program Terms.** The program terms and these Terms of Service may change from time to time. We will notify you of such changes, and you agree to cooperate in good faith and make best efforts to comply with such changes if needed to give effect to the intent of the Parties to this Agreement.

**Baseline Measurement.** NRGCS shall calculate and utilize for compliance data submission a baseline value, if applicable, as defined in the prevailing tariff, manuals, and business rules that apply to each program that you are enrolled in. NRGCS reserves the right to exercise for payment settlement purposes discretion in calculating and/or utilizing a baseline value.

**Notifications.** If you are unable to provide your committed curtailment amount, you agree to notify NRGCS as soon as commercially practicable. NRGCS reserves the right to discontinue at its discretion your participation in any program based upon your performance.

**Customer Cooperation.** You will provide NRGCS, for the duration of this agreement, all necessary information to register you and maintain your enrollment in the program selected by NRGCS. You agree to take all commercially reasonable steps necessary to qualify for a program and to facilitate your enrollment, and/or if requested at NRGCS' discretion, to re-qualify for any program where your registration has been suspended or disqualified. **Electronic Signature Agreement**

**Scope.** The Parties agree that this agreement or document may be electronically signed. Your consent to an electronic signature covers the transaction you are presently completing (e.g., PowerPay Enrollment Form), which you will be prompted to sign electronically. You understand and agree that your electronic signature of the transaction you are presently completing shall be legally binding and such transaction shall be considered authorized by you. You understand that by agreeing to sign electronically, your electronic signature has the same legal force and effect as a handwritten signature. If you would like to receive a true and exact copy of the signed document, you may contact us.

**Opting Out.** At any time prior to submitting your electronic signature, you may opt out of the electronic signature process and continue with a paper process. Simply sign below and return the executed document to us

**Please Initial & Date**  
Initials:  
  
Date:



**ADDENDUM NO. 1**

**PARTICIPATION IN NRGCS POWERPAY!  
PROGRAM FOR 2020/2021**

- (1) **Program Election.** For the 2020/2021 PJM Program Delivery Year, Customer agrees to participate in the following PowerPay Program (both capacity and energy) ("Program Election"):
  - a. Annual
- (2) **Performance Obligations.** NRGCS will notify Customer annually of its Expected Reduction(s) for the PowerPay Program(s) elected above in a Registration Confirmation that will set forth the specific program parameters governing Customer's Program election(s); however, Customer's obligations shall not exceed the Maximum Performance Requirements below.
- (3) Customer agrees to notify NRGCS as soon as commercially practicable if there is any change in its use of a generator during the Program Delivery Year.

<b>Maximum Performance Requirements</b>	
<b>Performance Obligation Period:</b>	June 1st to May 31st Each Year
<b>Performance Response Time:</b>	Reduction within 30-minutes based on PJM's notification of an Event*
<b>Event Availability:</b>	Any Day Jun – Oct and the following May: 10am to 10pm; Nov- April: 6am to 9pm
<b>Maximum Calls per Period:</b>	Unlimited
<b>Event Duration:</b>	Jun- Oct and the following May: up to 12-hours; Nov – April: up to 15 hours
<b>Tests:</b>	At least one, 1 hour test per year called by PJM and/or NRGCS
<b>Expected Reduction:</b>	See Confirmation for kW reduction level.
<b>Baseline Methodology:</b>	Summer Peak Load Contribution ("PLC") or Winter Peak Load Contribution ("WPLC")

\*In the unlikely event that PJM calls a *Deploy All Resources Action* for emergency events that develop rapidly and without prior warning, Customer agrees to employ commercially reasonable efforts to reduce its committed load immediately upon notification from NRGCS.

By checking this box, Customer indicates that it intends to run a generator to satisfy its obligation(s) under this Agreement. Customer represents that it holds all Local, State and Federal environmental and use permits required to operate as a demand response resource in the enrolled program(s), and that it will operate the generator in accordance with the permits. Customer agrees to complete an NRGCS Generator Attestation and, if requested, provide NRGCS copies of all permits, interconnection agreements, and supporting documents required to complete Customer's enrollment.

Signature: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

NRGCS Signature: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

