

City of Oberlin, Ohio

ORDINANCE No. 11-31 AC CMS

AN ORDINANCE APPROVING THE FORM AND AUTHORIZING THE EXECUTION OF A NORTHERN POOL PARTICIPANT SCHEDULE WITH AMERICAN MUNICIPAL POWER, INC. AND DECLARING AN EMERGENCY

WHEREAS, the City of Oberlin, Ohio (the "Municipality"), owns and operates an electric utility system for the sale of electric power and associated energy for the benefit of its citizens and taxpayers; and

WHEREAS, in order to satisfy the electric power and energy requirements of its electric utility system, the Municipality, acting individually and, along with other municipalities which own and operate electric utility systems, jointly through AMP, endeavors to arrange for coordination of the purchase or other provision of electric power and energy (power supply) and for ultimate delivery to its customers; and

WHEREAS, Municipality has executed, or will execute, a Master Services Agreement with AMP which sets forth the general terms and conditions for the provision of power supply and other services by AMP to the Municipality; and

WHEREAS, Municipality desires to contract with AMP, along with other AMP member municipalities to pool, arrange and share power supply and transmission operations pursuant to the Northern Pool Participant Schedule referenced in Section 1, below; and

WHEREAS, as of midnight on May 31, 2011, this Schedule will replace and supercede the current Northeast and Northern Power Pool Schedules that the Municipality currently participates in, and;

WHEREAS, from time to time, it may be necessary or economical for AMP to purchase power and associated energy on behalf of the Northern Pool for terms longer than one year to meet the long term power and energy needs of the Northern Pool (“Long Term Pool Power”); and;

WHEREAS, the Municipality may authorize AMP to purchase Long Term Pool Power pursuant to the authorization and approval procedure set forth in the Northern Pool Participant Schedule.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF OBERLIN, COUNTY OF LORAIN, STATE OF OHIO, FIVE-SEVENTHS (5/7ths) OF ALL MEMBERS ELECTED THERETO CONCURRING:

SECTION 1. That the form of Northern Pool Participant Schedule attached hereto as Exhibit 1 or on file with Clerk of Council, including Appendices thereto between this Municipality and AMP, be, and the same hereby is, approved substantially in the form attached hereto, subject to and with any and all changes provided herein and therein.

SECTION 2. That the City Manager is hereby authorized and directed to execute and deliver on behalf of this Municipality the Northern Pool Participant Schedule, substantially in the form attached hereto or on file with the Clerk of Council together with such changes or modifications of the same that are not adverse to this Municipality’s interest as determined by the City Manager.

SECTION 3. That the City Manager is hereby designated as Municipality’s Authorized Representative to approve and authorize in writing AMP’s acquisition of Long Term Pool Power on behalf of Municipality in accordance with the approval procedures set forth in the Northern Pool Participant Schedule.

SECTION 4. That the Municipality approves the inclusion of AMP's purchase of up to 30 MW of peaking capacity and associated energy from member-owned generation connected to the electric systems of the Northern Pool Participants as Long Term Pool Power for the period from June 1, 2011 through May 31, 2016.

SECTION 5. The NEASG Pool Participant Schedule dated September 1, 1990 and any amendments thereto shall terminate on midnight May 31, 2011 and shall no longer be of any force or effect after the effective date of the Northern Pool Participant Schedule except to the extent billing or like matters remain outstanding.

The Northern Power Pool Participant Schedule dated October 1, 2000 and any amendments thereto shall terminate on midnight May 31, 2011 and shall no longer be of any force or effect after the effective date of the Northern Pool Participant Schedule except to the extent billing or like matters remain outstanding.

The AMPCT Sale to AMP for the Gorsuch Project (Schedule RHCT1) dated January 1, 2006 and any amendments thereto shall terminate on midnight May 31, 2011 and shall no longer be of any force or effect after the effective date of the Northern Pool Participant Schedule except to the extent billing or like matters remain outstanding.

SECTION 6. That the Municipality shall assist AMP in and be subject to compliance with the terms and conditions of FirstEnergy's "Operating and Interconnection Agreement for Wholesale Load", or any successor agreement and approves AMP's execution of the "Operating and Interconnection Agreement for Wholesale Load" on the Municipality's behalf.

SECTION 7. If any section, subsection, paragraph, clause or provision or any part thereof of this ordinance shall be finally adjudicated by a court of competent jurisdiction to be invalid, the remainder of this ordinance shall be unaffected by such adjudication and all the

remaining provisions of this ordinance shall remain in full force and effect as though such section, subsection, paragraph, clause or provision or any part thereof so adjudicated to be invalid had not, to the extent of such invalidity, been included herein.

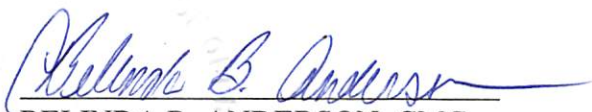
SECTION 8. It is hereby found and determined that all formal actions of this Council concerning and relating to the passage of this ordinance were adopted in an open meeting of the Council and that all deliberations of this Council and of any committees that resulted in such formal action were in meetings open to the public in compliance with all legal requirements including Section 121.22 of the Ohio Revised Code.

SECTION 9. This ordinance is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, safety, and welfare of the citizens of Oberlin, Ohio, to wit:

“to take advantage of economies of scale and to recognize the joint scheduling and transmission arrangements that AMP members located in the First Energy transmission service area share through AMP and further to meet the PJM Regional Transmission Organization requirements taking effect on June 1, 2011” and shall take effect immediately upon passage.

PASSED: 1st Reading – April 18, 2011
2nd Reading – May 2, 2011
3rd Reading – May 16, 2011(Emergency)

ATTEST:



BELINDA B. ANDERSON, CMC
CLERK OF COUNCIL

POSTED: 5/17/2011



KENNETH SLOANE
PRESIDENT OF COUNCIL

EFFECTIVE DATE: 5/16/2011

**NORTHERN POOL PARTICIPANT SCHEDULE
TO
AMERICAN MUNICIPAL POWER, INC.
AND
CITY OF OBERLIN, OHIO

MASTER SERVICE AGREEMENT NO. C-11-2005-4444**

WHEREAS, the City of Oberlin, Ohio ("Municipality") and American Municipal Power, Inc. ("AMP") collectively ("Parties") have entered into a Master Service Agreement , AMP Contract No. C-11-2005-4444 ("Agreement") under which certain services may be provided under schedules thereto;

WHEREAS, in order to take advantage of economies of scale and to recognize the joint scheduling and transmission arrangements that AMP members located in the FirstEnergy (FE) transmission service area share through AMP, those members desire to form a combined pool ("NP Pool") to jointly purchase and manage and coordinate power supplies for members executing this Schedule and;

WHEREAS, the current members of the Northwest AMP Service Group (NWSAG) and Northeast AMP Service Group (NEASG) desire to increase the allowable Non-Pool Power (currently known as Substitute Capacity) that members can arrange for as NEASG and NWSAG Pool resources expire and member participation in AMP projects begin and;

WHEREAS, in order to take advantage of economies of scale and to recognize the joint capacity arrangements that the AMP members located in the FirstEnergy (FE) transmission service area share through AMP, and to meet the obligation to maintain installed generation capacity to meet their peak loads, pursuant to PJM's Reliability Pricing Model ("RPM"), those members desire to form a combined RPM Pool to jointly purchase and manage and coordinate RPM capacity supplies for members executing this Schedule and;

WHEREAS, the Municipality and AMP desire to enter into this Northern Pool Participant Schedule (Schedule) for the purpose of: (i) power scheduling and operations under the PJM Open Access Transmission Tariff; and (ii) economic purchases of capacity and energy for the beneficial use of Pool Participants; and,

WHEREAS, as of midnight on May 31, 2011, this Schedule will replace and supersede the current Northeast Power Pool Schedule that the Municipality currently participates in, and any amendments thereto, AMP Contract Number C-09-90-798;

WHEREAS, as of midnight on May 31, 2011, this Schedule will replace and supersede the current Northern Power Pool Schedule that the Municipality currently participates in, and any amendments thereto, AMP Contract Number C-06-98-2443;

WHEREAS, as of midnight on May 31, 2011, the current sale(s) of AMPCT power to AMP, AMP Contract Number C-11-2005-4586, shall be terminated with the AMPCT power maintained by the Municipality as a Non-Pool resource;

NOW, THEREFORE, in consideration of the following mutual promises, AMP and the Municipality agree as follows:

Section A. DEFINITIONS (In addition to the definitions in the Agreement or as used by PJM)

- (1) 5CP - the hour of each of PJM's five highest loads during the previous calendar year.
- (2) Allowable Non-Pool Power – The maximum amount of Non-Pool Power demand that a NP Pool Participant can utilize for the upcoming year. For 2011 and 2012, Allowable Non-Pool Power will be limited to Prairie State, AFEC, NYPA, OMEGA JV5, OMEGA JV6, OMEGA JV2, OMEGA JV1, AMPCT, Gorsuch, landfill power, wind power, solar power and 7x24 and 5x16 contracts that have been entered into as of May 31, 2011. For 2013, there will not be a limit on Non-Pool Power unless later implemented by the NP Executive Committee due to a purchase of power for longer than one year that has been approved in writing by a Majority Vote of the NP Pool Participants. Attachment D will be revised as needed to reflect the Allowable Non-Pool Power set by the NP Executive Committee.
- (3) Auction Revenue Rights – Entitlements allocated annually to PJM transmission service customers that entitle the customer to receive an allocation of the revenues from PJM's annual FTR auction.

- (4) Curtailable Load – That portion of a Municipality’s load that Municipality or Municipality’s customer is willing to curtail during times when the Real Time LMP exceeds the level specified by the load Municipality or by Municipality’s customer. Curtailable Load must be for a minimum of 100 kW and must have recordable hourly metering unless the Curtailable Load is performed using direct load control (i.e. air conditioner or hot water switches).
- (5) Day Ahead LMP – Hourly forward market price for each pricing point on the PJM system calculated by PJM and posted daily by 4:00 pm for the upcoming day.
- (6) Demand Response Resource – A resource with a demonstrated capability to provide a reduction in demand through load control or behind the meter generation.
- (7) Dispatch Center Costs – AMP cost for dispatch center personnel, facilities, SCADA equipment required for monitoring of loads etc. that are allocated monthly to users of the AMP dispatch center.
- (8) FTR – Financial transmission right that entitles the holder to receive compensation for congestion charges between two pricing points on the PJM system.
- (9) Generation Schedule – Municipality’s hour-by-hour schedule of Municipal Generation or Curtailable Load. An example of Generation Schedules is shown in Attachment A.
- (10) Generation Schedule Group Participants - Municipality with behind the meter Municipal Generation or Curtailable Load on whose behalf AMP is coordinating a Generation Schedule and who completes the Generation Schedule Group Participant Enrollment Form, as shown in Attachment B.
- (11) LMP – PJM’s hourly integrated locational marginal price for energy that is received or delivered.
- (12) Majority Vote means both:
 - (i) A majority of the Pool Participants with each Pool Participant receiving one vote; and
 - (ii) Pool Participants representing a majority of the average of the monthly Total NP Pool Peak Load for the previous calendar year for all of the Pool Participants; provided that estimated

data may be used if a full calendar year's historical data is unavailable.

In the case of a vote of the NP Executive Committee vote, a Majority Vote shall be based only on each member receiving one (1) equally weighted vote.

- (13) Monthly Electric Service Demand – Municipality's hourly-integrated load at the hour of the Total NP Pool Peak Load for the month.
- (14) Municipal Generation - Generation owned or operated by the Municipality and used for Municipality's Non-Pool Power. Municipality shall have ultimate authority over the output of any generation owned by Municipality. AMP and Municipality shall cooperate to coordinate the output of said generation.
- (15) NEASG Executive Committee – From June 1, 2011 through December 31, 2012, an Executive Committee of seven NEASG Pool Participants shall be established for the purpose of administering any business related to the NEASG. Such Committee shall be elected by the NEASG Pool Participants in a manner to be determined by the NEASG Pool Participants.
- (16) NEASG Pool Participants – The Municipalities of Amherst, Beach City, Brewster, Columbiana, Cuyahoga Falls, Galion, Grafton, Hubbard, Hudson, Lodi, Lucas, Milan, Monroeville, Newton Falls, Niles, Oberlin, Prospect, Seville, South Vienna, Wadsworth, Wellington.
- (17) New Load – Any single retail customer of a Pool Participant with an annual peak load of greater than 4 MW and annual energy usage greater than 20,000 MWh that is not currently served by a Municipality as of January 1, 2011. Holiday City's service to Chase Brass Foundry shall be treated as New Load under this Pool Schedule due to the existing service arrangements between the Chase Brass Foundry and the Village of Holiday City.
- (18) Non-Pool Power – Power and energy contract or owned directly by the Municipality individually. Some examples (although not an exhaustive list) of Non-Pool Power are Prairie State, AFEC, NYPA, OMEGA JV5, OMEGA JV6, Gorsuch, AMP Hydro, Greenup Meldahl, landfill power, solar power and certain 7x24 and 5x16 contracts.

- (19) NP Executive Committee – Prior to June 1, 2011, the Pool Participants shall establish an NP Executive Committee consisting of ten (10) Members to advise AMP on the desires of the Pool Participants regarding their power supply under this Schedule and such other matters as are set forth herein. Four of the NP Executive Committee Members shall be selected from the group containing the NEASG Pool Participants in a manner decided on by the NEASG Pool Participants. Four of the NP Executive Committee Members shall be selected from the group containing the Ohio NWASG Pool Participants in a manner decided on by the Ohio NWASG Pool Participants. One of the NP Executive Committee Members shall be selected from the group containing the Pennsylvania NWASG Pool Participants in a manner decided on by the Pennsylvania NWASG Pool Participants. The tenth Member of the NP Executive Committee shall be from Painesville. In the event that NEASG or NWASG or Pennsylvania Pool Participants are unable to agree on the manner of election for their respective NP Executive Committee Members, those Members shall be selected from each group based on one vote for each Pool Participant.

The NP Executive Committee Members shall be selected on an annual basis. Prior to June 1, 2014, all Pool Participants shall meet to decide whether to change the makeup of the NP Executive Committee for 2015 and going forward. Attachment C will then be revised to reflect the current makeup of the NP Executive Committee. The NP Executive Committee shall act by Majority Vote as detailed in Section A(5). Such NP Executive Committee shall meet as needed, with representatives of AMP for the purpose of reviewing AMP's operations pursuant to this Schedule, including Allowable Non-Pool Power, billing, scheduling, dispatching, and capacity and energy procurement. AMP shall give due consideration to the recommendations of said NP Executive Committee in performing its obligations under this Schedule and shall provide the NP Executive Committee with such reports and other information as it shall reasonably require to carry out its functions.

- (20) NP Pool - Device by which energy is supplied under this Schedule to NP Pool Participants.
- (21) NP Pool Participant(s) - AMP member receiving energy delivery and transmission service from AMP under this Schedule.
- (22) NP Pool Resource - Source of electric demand or energy or related services to the extent the same is

utilized to provide, or is obligated to provide, capacity, energy, reserves or related services to the NP Pool for the benefit of the Pool Participants.

- (23) NWASG Executive Committee – From June 1, 2011 through December 31, 2012, an Executive Committee of five NWASG Pool Participants shall be established for the purpose of administering any business related to the NWASG. Such Committee shall be elected by the NWASG Pool Participants in a manner to be determined by the NWASG Pool Participants.
- (24) NWASG Pool Participants – The Municipalities of Bowling Green, Bradner, Custar, Edgerton, Ellwood City (PA), Elmore, Genoa, Grove City (PA), Haskins, Holiday City, Huron, Montpelier, Napoleon, New Wilmington (PA), Oak Harbor, Pemberville, Pioneer, Wampum (PA), Woodville and Zelenople (PA).
- (25) PJM - PJM Interconnection LLC, a regional transmission organization.
- (26) Pool Participant(s) - AMP member who executes a Schedule substantially in the form of this Schedule for service from AMP.
- (27) Real Time LMP – Hourly integrated market price for each pricing point on the PJM system calculated by PJM during the operating day for the cost of receiving or delivering energy to balance the system between actual and forecasted load and generation.
- (28) RPM Pool - Device by which RPM capacity is supplied under this Schedule to RPM Pool Participants.
- (29) RPM Pool Participant(s) - AMP member receiving RPM (installed capacity) service from AMP under this Schedule.
- (30) RPM Pool Resource - Source of RPM capacity of the RPM Pool for the benefit of the RPM Pool Participants.
- (31) Total NP Pool Peak Load - In any month, the maximum coincident hourly sum in kilowatts as

measured at all Delivery Points of all NP Pool Participants, plus the net generation from any generation electrically connected to any NP Pool Participant's municipal electric system.

Section B. TERM

Subject to the conditions contained herein, this Schedule shall be for a term beginning on June 1, 2011 and ending May 31, 2016. This Schedule will continue for successive one-year terms thereafter unless either Party provides written notice of termination to the other Party by no later than six (6) months before the then current term ends.

In the event that the Municipality terminates this Schedule prior to the ending date of any NP Pool Resource or RPM Pool Resource that has been purchased as a NP or RPM Pool Resource, the Municipality shall be financially responsible for the positive differential between (1) the actual cost of the unused portion of the NP Pool Resource or RPM Pool Resource, until the expiration of the NP or RPM Pool Resource, and (2) the market value of the unused portion of the NP Pool Resource or RPM Pool Resource, as determined by AMP.

The method for calculating the Municipality's financial obligation for the unused portion of the NP Pool Resource shall be based on the Municipality's percentage share of the annual total NP Pool energy purchases for the last calendar year prior to the date that termination was given.

The method for calculating the Municipality's financial obligation for the unused portion of the RPM Pool Resource shall be based on the Municipality's percentage share of the annual total RPM Pool capacity purchases for the last calendar year prior to the date that termination was given.

Section C. REQUIREMENTS SERVICE (NP POOL REQUIREMENTS)

- (1) Subject to provisions of this Schedule, AMP shall be the NP Pool requirements provider of all electric demand and energy required by Municipality for purposes of providing electric service to the customers of the Municipality's electric system and to the Municipality as a user of electric service and Municipality shall take and pay for the same in accordance with this Schedule. AMP shall provide such NP Pool requirements service in a prudent manner so as to provide reliable electric service to Municipality at the lowest overall cost consistent with available sources as further

described in this Schedule.

- (2) AMP shall provide the electric service demand and energy requirements including transmission and distribution losses to the Municipality as follows: (Demand and energy requirements shall be calculated on an hourly basis and shall include the amount of Curtailable Load curtailed)
 - (a) Municipality's demand and energy requirements shall be increased by any bilateral sales made by Municipality from resources located behind Municipality's meter.
 - (b) Municipality's demand and energy requirements shall next be filled by its contractual right to generation electrically connected to any NP Pool Participant's municipal electric system (if any). Monthly pool demand credit from the generation under this Section shall be based on the generation output at time of Total NP Pool Peak Load for that month.
 - (c) Municipality's demand and energy requirements shall next be filled by Municipality's Non-Pool Power; provided however, the Municipality provides AMP written notice by August 1 of its election to arrange for Non-Pool Power for the upcoming year, and; provided further however, that from the commencement date, which shall be January 1st of any year, the Municipality shall have sole responsibility to assure the provision of the Non-Pool Power, and to the extent Municipality's Non-Pool Power is not, for any reason, available at any time during the remaining term AMP shall provide demand and energy, to the extent the same is available, to make up for such lack of availability, at Municipality's sole cost. Such notice shall also include identification of the source or sources (to the extent then known), the amount and characteristics of the Non-Pool Power and the year of the commencement of the Non-Pool Power, such information to be annually updated.

The Municipality shall be limited to the amount of Non-Pool Power allowed for the upcoming year such that the total demand of all of the Municipality's Non-Pool Power resources does not exceed more than the Allowable Non-Pool Power Demand. The Allowable Non-Pool Power Demand shall be set for the upcoming year by the NP Executive Committee no later than June 1 of each year.

(1) In order to encourage the acquisition of large industrial customer load, Municipality may request to serve a New Load with 100% Non-Pool power. Municipality must provide AMP with at least a sixty-day (60) notice of its intent to elect to serve such New Load outside of the NP Pool. Once such election is made, the New Load shall not be entitled to return to being served with any NP Pool Power unless approved by the NP Executive Committee.

The Municipality will not be required to reduce its kilowatt amount of Non-Pool Power demand that was allowed in the previous year.

In the event that Municipality is utilizing Municipal Generation as Non-Pool Power, the hourly Non-Pool Power energy credit shall be equal to the Municipal Generation Schedule.

- (d) All energy provided pursuant to Subsections (a) through (c) above shall be arranged, scheduled, and dispatched, subject to contractual limitations, by AMP, which shall do so in such a manner as to provide the lowest overall cost consistent with reliability, prudence and all contractual limitations. Accordingly, such arrangement, scheduling and dispatching may, from time to time, be done in an order other than specified in Subsection (a) through (c) above.
- (e)
 - (i) Municipality's remaining demand requirements plus losses shall be filled from the NP Pool. Through December 31, 2012, Municipality's demand and energy requirements shall be filled by the NEASG or NWASG pool demand and energy as calculated in Section (E) and (F) if Municipality is a NEASG or NWASG Pool Participant.
 - (ii) If Municipality's Non-Pool Power energy resources are greater than Municipality's load plus losses for any hour, Municipality shall sell the excess energy to the NP Pool at the PJM Day Ahead LMP rate for the PJM pricing point for the Municipality.
 - (iii) If Municipality's Non-Pool Power energy resources are less than Municipality's load plus losses for any hour, Municipality shall purchase remaining energy needs from the NP Pool at the PJM Day Ahead LMP rate for the PJM pricing point for the Municipality times a

power cost adjustment (PCA) calculated to recover all of the power supply costs incurred by the NP Pool for the month. Through December 31, 2012, Municipality's energy requirements (if positive) shall be filled by the NEASG or NWASG pool demand and energy as calculated in Section (E) and (F) if it is a NEASG or NWASG Pool Participant.

Section D. GENERATION SCHEDULE DEVIATION SERVICE to GENERATION SCHEDULE GROUP PARTICIPANTS

- (1) Subject to provisions of this Schedule, AMP shall be the provider of all electric energy required by Generation Schedule Group Participants for purposes of providing electric service to the Municipality for any deviation between Generation Schedule and actual net output from Municipal Generation or actual Curtailable Load curtailed.

- (2) The generation deviation requirements of the Municipality shall be calculated on an hourly basis as follows:

Municipality's Generation Schedule deviation energy purchase or sale (if negative) shall be

equal to: Municipality's Generation Schedule (agreed to between AMP and Municipality on a day ahead basis);

minus; net actual Municipal Generation;

minus; net Curtailable Load actually curtailed.

- (3) Municipality's sale of Generation Deviation Energy shall be at the PJM Real Time LMP for the PJM pricing point for the Municipality.
- (4) Municipality's purchase of Generation Deviation Energy shall be at the PJM Real Time LMP for the PJM pricing point for the Municipality.
- (5) The amount of Curtailable Load curtailed for the hour shall be calculated using the same calculation

methods utilized by PJM to determine demand response compliance.

Section E. NWASG POOL ALLOCATION (Through December 31, 2012)

- (1) Demand from NWASG Pool Resources shall be allocated among the NWASG Pool Participants based on the formula:

NWASG Pool Participant's NWASG Pool Demand allocation = (NWASG Pool demand resources scheduled for the month) times [(NWASG Participant's hourly integrated load at the hour of the Total NP Pool Peak Load minus NWASG Participants' Non-Pool Power demand) divided by (Total NWASG Pool Peak Load minus Total NWASG Participants' Non-Pool Power demand)].

- (2) Energy from NWASG Pool Resources shall be allocated among the NWASG Pool Participants on an hourly basis based on the formula:

NWASG Pool Participant's hourly NWASG Pool Energy allocation = (NWASG pool energy scheduled for the hour) times [(NWASG Pool Participant's hourly load plus losses minus NWASG Pool Participant's Non-Pool Power hourly energy schedule) divided by (Total NWASG Pool Participants' hourly load plus losses minus Total NWASG Pool Participants' Non-Pool Power hourly energy schedule)].

Section F. NEASG POOL ALLOCATION (Through December 31, 2012)

- (1) Demand from NEASG Pool Resources shall be allocated among the NEASG Pool Participants based on the formula:

NEASG Pool Participant's NEASG Pool Demand allocation = (NEASG Pool demand resources scheduled for the month) times [(NEASG Participant's hourly integrated load at the hour of the Total NP Pool Peak Load minus NEASG Participants' Non-Pool Power demand) divided by (Total NEASG Pool Peak Load minus Total NEASG Participants' Non-Pool Power demand)].

- (2) Energy from NEASG Pool Resources shall be allocated among the NEASG Pool Participants on an hourly basis based on the formula:

NEASG Pool Participant's hourly NEASG Pool Energy allocation = (NEASG pool energy scheduled for the hour) times [(NEASG Pool Participant's hourly load plus losses minus NEASG Pool

Participant's Non-Pool Power hourly energy schedule) divided by (Total NEASG Pool Participants' hourly load plus losses minus Total NEASG Pool Participants' Non-Pool Power hourly energy schedule)].

Section G. NP POOL OPERATION

- (1) AMP shall provide from NP Pool Resources, demand, energy, reserves and related services to be placed in NP Pool, for the benefit of all NP Pool Participants, from various resources available from time to time to AMP which, in AMP's sole judgment, in recognition of Municipality's Non-Pool Power resources and subject to the provisions of this Schedule, provides the lowest overall cost to the NP Pool Participants consistent with reliability, prudence and contractual limitations. Such NP Pool Resources shall include, but shall not be limited to short term sources, generation owned and operated by NP Pool Participants or other municipal systems and generation owned and operated by AMP, or a combination of the above, and includes purchases of transmission, reserves and related services to deliver the NP Pool Resources. The charges therefore shall include all costs to AMP associated with providing NP Pool Resources, including any costs associated with PJM and non-PJM transmission and congestion on NP Pool Resources, FTR charges or credits, losses, as well as any applicable taxes. All costs of providing NP Pool Resources for purposes of supplying the requirements of the NP Pool Participants shall be determined and recovered by AMP from NP Pool Participants, in accordance with this Schedule.
- (2) AMP shall not procure NP Pool Resources that will obligate AMP, and therefore the NP Pool Participants, for periods greater than one (1) year, unless the NP Pool Participants authorize the same by a Majority Vote in writing. AMP is authorized to procure NP Pool Energy Resources for periods one year or less up to 42 months in advance of the start of delivery provided that a Majority Vote of the NP Executive Committee is received by AMP.
- (3) Nothing in this Schedule shall be construed as prohibiting AMP from using AMP owned facilities or other AMP purchased resources as NP Pool Resources so long as there is no long term obligation (*i.e.*, an obligation of greater than one (1) year) on the part of NP Pool Participants to purchase the same and so long as the use provides the lowest overall cost consistent with reliability, prudence and contractual limitations.

Section H. DEMAND RELATED TRANSMISSION AND ANCILLARY COSTS

- (1) Subject to provisions of this Schedule, AMP shall be the transmission requirements provider of all PJM transmission service required by Municipality for purposes of providing electric service to the customers of Municipality's electric system and to Municipality as a user of electric service and Municipality shall take and pay for the same in accordance with this Schedule.
- (2) Transmission rate in \$ / kW-mo shall be equal to PJM network transmission service charges (including **Auction Revenue Rights charges or credits**, PJM and transmission owner scheduling system control and dispatch service charges, reactive supply and voltage control charges, PJM point to point credits, transmission expansion and enhancement charges, and black start service charges) billed to AMP on behalf of NP Pool Participants;

divided by: sum of PJM transmission billing determinants for each NP Pool Participant (PJM billing determinant is currently based on interconnection meter at time of Transmission Owner (in this case, FE) annual peak hour).

Note that list of PJM transmission service charges is based on current demand based charges as of December 2010 and may change in the future.

Section I. ENERGY RELATED TRANSMISSION ANCILLARY COSTS

- (1) Subject to provisions of this Schedule, AMP shall be the ancillary services requirements provider of all services required by Municipality for purposes of providing electric service to the customers of Municipality's electric system and to Municipality as a user of electric service and Municipality shall take and pay for the same in accordance with this Schedule.
- (2) Ancillary services transmission rate in \$ / MWh shall be equal to:

PJM energy based ancillary service charges (including PJM scheduling charges, Federal Energy Regulatory Commission charges, Organization of PJM States charges, North American Electric

Reliability Corporation charges, Reliability First charges, regulation and synchronous reserves, operating reserves, synchronous condensing charges, PJM inadvertent interchange charges, economic load response charges/credits, PJM interchange meter correction charges and transmission loss credits) billed to AMP on behalf of NP Pool Participants;

divided by: sum of monthly energy requirements for each NP Pool Participant.

Note that list of PJM Ancillary Service charges is based on current energy based charges as of December 2010 and may change in the future.

Section J. RPM POOL REQUIREMENTS SERVICE

- (1) Subject to provisions of this Schedule, AMP shall be the full service provider of all RPM capacity required by Municipality for purposes of meeting PJM RPM requirements and Municipality shall take and pay for the same in accordance with this Schedule.

- (2) RPM requirements of the Municipality shall be calculated on a monthly basis as follows:

Municipality's purchase of RPM capacity shall be equal to Municipality's average load at the 5CP;

- (3) Municipality's purchase from RPM Pool shall be at the Monthly rate calculated in \$ / kW-mo and shall be equal to:

Total net cost of RPM purchases or sales during the month including purchases or sales from the PJM RPM market and any bilateral transactions;

plus Capacity deficiency penalty credits or charges from PJM attributed to the RPM Pool Resources;

minus Demand response credits or charges or RPM auction credits or charges from PJM attributed to RPM Pool Resources;

divided by Total RPM requirements calculated in Section J(2).

- (4) AMP shall not procure RPM Pool Resources that will obligate AMP, and therefore the RPM Pool Participants, for periods greater than one (1) year, unless the RPM Pool Participants authorize the same by the affirmative consent in writing of a Majority Vote of the RPM Pool Participants. Due to the nature of the PJM RPM auctions for RPM capacity, AMP is authorized to procure RPM Pool Resources for periods of one year or less up to 42 months in advance of the start of delivery provided that affirmative consent of the NP Executive Committee is received by AMP.
- (5) AMP shall distribute demand response credits or charges or RPM auction credits or charges from PJM attributed to Municipality's Non-Pool Power and Demand Response Resources that are entitled to the same from PJM.
- (6) Demand response credits or charges or RPM auction credits or charges to the Municipality shall be calculated on a monthly basis as follows:

RPM credits or charges associated with Municipality's Non-Pool Power that includes RPM capacity, if any;

plus RPM credits or charges associated with Municipality's generation ownership located outside of municipality, if any;

plus RPM credits or charges associated with Municipality's Demand Response Resources, if any;

- (7) Additionally, any Demand Response penalties received by AMP will be invoiced directly to the Municipality or Municipalities causing the penalties.

Section K. FTRs, CONGESTION and LOSSES

- (1) AMP shall provide a credit or charge to Municipality based on FTRs held by AMP on behalf of Municipality for the Municipality's Non-Pool Power.

- (2) AMP shall provide a credit or charge to Municipality based on congestion billed by PJM to AMP associated with delivery of Municipality's Non-Pool Power. The credit or charge shall be calculated in the same manner as that calculated by PJM.
- (3) AMP shall provide a credit or charge to Municipality based on marginal losses billed by PJM to AMP associated with delivery of Municipality's Non-Pool Power. The credit or charge shall be calculated in the same manner as that calculated by PJM.

Section L. RATES

- (1) Municipality shall be charged and billed by AMP, in accordance with Section 7 of the Master Services Agreement, for all electric capacity and energy provided pursuant to this Schedule. Along with charges for Non-Pool Power and transmission related charges, if any, the Municipality will be billed by AMP for Municipality's Demand and Energy provided from NWASG, NEASG and NP Pool. The charges therefore shall include all costs incurred in providing NP Pool Resources.
- (2) The following charges are not Pool related and shall be billed to the Municipality by AMP at cost in the same manner as billed by PJM and FirstEnergy:
 - (a) Reactive and Power Factor Correction Charges from PJM and FE,
 - (b) PJM and FE Customer and Metering Charges,
 - (c) FE Interconnection and Local Delivery (distribution) Service Charges.
- (3) Dispatch Center Costs allocated to the NP Pool will be allocated to Municipality based on Municipality's pro rata share of the Total NP Pool Peak Load for the month. A credit will be given to Municipality for any Non-Pool Power purchases that include AMP Dispatch Center Costs in the rate.
- (4) Municipality shall pay AMP's power sales service fee B (\$0.00038 / kWh as of October 1, 2010) for all power sold or arranged for and delivered pursuant to this Schedule.

Section M. DELIVERY POINTS AND INTERCONNECTION POINTS

- (1) The initial delivery point(s) pursuant to this Schedule shall be the point(s) where the facilities of the Municipality currently are electrically connected to the FE system. Changes to or additional delivery points shall be arranged subject to negotiations with FE or the orders of any tribunal of competent jurisdiction.
- (2) AMP will negotiate and execute the FirstEnergy "Operating and Interconnection Agreement for Wholesale Load", or any successor agreement for load interconnection to the FirstEnergy system, on behalf of the NP Pool members. The NP Pool members shall assist AMP in and be subject to compliance with the terms and conditions of the "Operating and Interconnection Agreement for Wholesale Load", or any successor agreement.

Section N. SPECIAL TERMS AND CONDITIONS

- (1) Unless otherwise agreed, Municipality shall provide, or cause to be provided, at no cost to AMP, at each Delivery Point suitable space for metering, monitoring or communications equipment reasonably required by AMP.

Unless otherwise agreed, FE has installed suitable meters for the purpose of determining billing quantities hereunder. All meters and metering equipment installed by FE are and shall remain property of FE.

FE has agreed to provide to AMP and for AMP's use, metering data from each of FE's meters employed hereunder. Municipality shall provide or cause to be provided, at its expense, to AMP real time metering data from any generating facilities operated within Municipality's service area.

- (2) The Parties shall keep such records as may be needed to afford a clear history of all transactions under this Schedule. The originals of all such records shall be retained by each Party for a minimum of three (3) years and copies shall be delivered to the other Party upon request.
- (3) Additional participants may be added to the NP Pool and RPM Pool only with the written or verbal approval of a Majority Vote of the Pool Participants then participating in the NP and RPM Pools.

- (4) In the event that the Municipality enacts an ordinance or institutes a policy that allows its customers the choice to purchase their electricity from a supplier other than Municipality (hereinafter “customer choice”) prior to the ending date of an NP Pool or RPM Pool Resource, the Municipality shall continue to be financially responsible for that share of the NP Pool or RPM Pool Resource that the Municipality would have used (based on actual usage from the previous calendar year) but for exercise of the choice of one or more of its customers to purchase their electricity from a supplier other than Municipality, until the expiration of the NP Pool or RPM Pool Resource or the customer(s) returns to the Municipality’s system.

The method for calculating the financial impact of the unused portion of the NP Pool or RPM Pool Resource shall be based on the positive differential between (1) the actual cost of the unused portion of the NP Pool or RPM Pool Resource, until the expiration of the NP Pool or RPM Pool Resource, and (2) the market value of the unused portion of the NP Pool or RPM Pool Resource, as determined by AMP.

- (5) All terms and conditions of the Master Services Agreement in effect between the Parties that are not in conflict with the terms and conditions of this Schedule shall be applicable to this Schedule.

Section O. PRIOR SCHEDULES

Note that not all of these paragraphs will apply to all Pool Participants.

The NWASG Pool Participant Schedule dated May 1, 1989 and any amendments thereto shall terminate on midnight May 31, 2011 and shall no longer be of any force or effect after the effective date of this Schedule except to the extent billing or like matters remain outstanding.

The NEASG Pool Participant Schedule dated September 1, 1990 and any amendments thereto shall terminate on midnight May 31, 2011 and shall no longer be of any force or effect after the effective date of this Schedule except to the extent billing or like matters remain outstanding.

The Northern Power Pool Participant Schedule dated October 1, 2000 and any amendments thereto shall

terminate on midnight May 31, 2011 and shall no longer be of any force or effect after the effective date of this Schedule except to the extent billing or like matters remain outstanding.

The AMPCT Sale to AMP for the NEASG Pool (Schedule NECT1) dated January 1, 2006 and any amendments thereto shall terminate on midnight May 31, 2011 and shall no longer be of any force or effect after the effective date of this Schedule except to the extent billing or like matters remain outstanding.

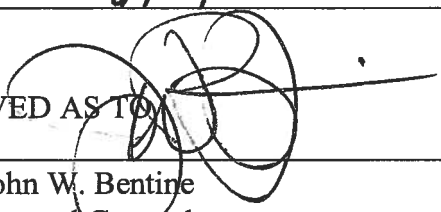
The AMPCT Sale to AMP for the NWASG Pool (Schedule NWCT1) dated January 1, 2006 and any amendments thereto shall terminate on midnight May 31, 2011 and shall no longer be of any force or effect after the effective date of this Schedule except to the extent billing or like matters remain outstanding.

The AMPCT Sale to AMP for the Gorsuch Project (Schedule RHCT1) dated January 1, 2006 and any amendments thereto shall terminate on midnight May 31, 2011 and shall no longer be of any force or effect after the effective date of this Schedule except to the extent billing or like matters remain outstanding.

AMERICAN MUNICIPAL POWER, INC.

By: 
Marc S. Gerken, P.E.
President

Date: 6/10/11

APPROVED AS TO
FORM: 
John W. Bentine
General Counsel

THE CITY OF OBERLIN

By: 
Title: City Manager

Date: 5/23/11

APPROVED AS TO
FORM: 
Municipal Legal Advisor

**AMERICAN MUNICIPAL POWER
SUPPLEMENTAL POWER SUPPLY
Jul-10**

EASTERN STANDARD TIME

HOUR ENDING:

DATE		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
THU	1	0																							
FRI	2	0																							
SAT	3	0																							
SUN	4	0																							
MON	5	0																							
TUE	6	0																							
WED	7	0																							
THU	8	0																							
FRI	9	0																							
SAT	10	0																							
SUN	11	0																							
MON	12	0																							
TUE	13	0																							
WED	14	0																							
THU	15	0																							
FRI	16	0																							
SAT	17	0																							
SUN	18	0																							
MON	19	0																							
TUE	20	0																							
WED	21	0																							
THU	22	0																							
FRI	23	0																							
SAT	24	0																							
SUN	25	0																							
MON	26	0																							
TUE	27	0																							
WED	28	0																							
THU	29	0																							
FRI	30	0																							
SAT	31	0																							
TOTALS																									

Total
Hours

0
0
0
0
0
0
3
3
0
0
0
0
0
0
0
0
0
0
0
0
4
0
0
0
0
0
0
0
10

FENTS: Castmaster

Date Prepared:
08/09/2010
05:51 PM

FROM:
AMP

This schedule shows the hours of the month that LOAD should be interrupted during peak times.
1 Denotes the hours for Load to be curtailed.
0 Denotes the hours Load not curtailed.

**NORTHERN POOL GENERATION SCHEDULE
NET GENERATION SCHEDULE FOR MUNICIPALITY**

EASTERN STANDARD TIME

HOUR ENDING:

DATE		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
THU	1	10	10	9	9	9	9	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	10	10
FRI	2	10	10	10	9	10	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	10	10
SAT	3	10	10	10	9	9	9	9	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	10
SUN	4	10	10	10	9	9	9	9	9	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	10
MON	5	10	10	10	10	9	9	9	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	10
TUE	6	10	10	10	9	9	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	10
WED	7	10	10	10	10	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
THU	8	10	10	10	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
FRI	9	10	10	10	10	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	10	10
SAT	10	10	10	10	10	9	9	9	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	10	10
SUN	11	10	10	10	9	9	9	9	9	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	10
MON	12	10	10	10	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	10
TUE	13	10	10	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	10
WED	14	10	10	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
THU	15	14	10	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
FRI	16	14	10	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
SAT	17	14	10	10	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
SUN	18	14	10	10	10	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
MON	19	14	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
TUE	20	10	10	10	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
WED	21	10	10	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
THU	22	14	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
FRI	23	14	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
SAT	24	14	10	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
SUN	25	14	10	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
MON	26	10	10	10	9	9	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	10
TUE	27	10	10	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
WED	28	10	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
THU	29	14	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
FRI	30	14	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
SAT	31	10	10	10	10	9	9	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	14	10
TOTALS																									

Total
MWh

284
287
284
279
285
290
300
300
288
281
283
290
300
304
300
312
300
300
312
300
304
312
300
300
300
294
304
300
312
304
290
895

ATTACHMENT B
GENERATION SCHEDULE GROUP PARTICIPANT ENROLLMENT FORM

Municipality: _____

Schedule Period: JUNE 1, 2011 to MAY 31, 2012

Please make the resource name unique, so we can use this unique identifier on all paperwork.

1. Resource or Customer Name: _____

2. Resource Address: _____

3. Please circle **one** of the following. Resource is:

- a. Generator, and the generator is metered.
- b. Generator, and the load is metered.
- c. Load that can be curtailed.

4. Please complete either a, b, c or d.

Register this resource as:

- a. Generator, for _____ of kilowatts
- b. Guaranteed Load Drop, for _____ of kilowatts
- c. Firm Service Level: Load will drop to _____ kilowatts
- d. Direct Load Control: _____ Air Conditioner switches: _____ Hot Water switches

5. Generation or Curtailable Load Strike Price: _____ \$ / MWh

This is the price level at which generation would be started or load curtailed. This value is for schedule coordination purposes only and may be changed at any time by Municipality.

6. Contact Information:

Municipality Contact Name:	Phone #:
----------------------------	----------

7. Contacts for Generation Schedule:

Primary Name:	email address:
Phone 1:	Phone 2:
Secondary Name:	email address:
Phone 1:	Phone 2:

8. Completed By: _____

Date: _____

Send Copy To: Director of Energy Marketing @ AMP fax 614-540-1080 or jwillman@amppartners.org.

ATTACHMENT C

As of June 1, 2011, the NP Executive Committee shall consist of ten (10) Members.

- Four of the NP Executive Committee Members shall be selected from the group containing the NEASG Pool Participants in a manner decided on by the NEASG Pool Participants.
- Four of the NP Executive Committee Members shall be selected from the group containing the Ohio NWASG Pool Participants in a manner decided on by the Ohio NWASG Pool Participants.
- One of the NP Executive Committee Members shall be selected from the group containing the Pennsylvania NWASG Pool Participants in a manner decided on by the Pennsylvania NWASG Pool Participants.
- One of the NP Executive Committee Members shall be from Painesville.

In the event that NEASG or NWASG or Pennsylvania Pool Participants are unable to agree on the manner of election for their respective NP Executive Committee Members, those Members shall be selected from each group based on one vote for each Pool Participant.

ATTACHMENT D

ALLOWABLE NON-POOL AS OF JUNE 1, 2011:

For 2011 and 2012, Allowable Non-Pool Power will be limited to Prairie State, AFEC, NYPA, OMEGA JV5, OMEGA JV6, OMEGA JV2, OMEGA JV1, AMPCT, Gorsuch, landfill power, wind power, solar power and 7x24 and 5x16 contracts that have been entered into as of May 31, 2011.

For 2013 and beyond, there will not be a limit on Non-Pool Power



NP ENERGY POOL

1



2011-2012

- Through the end of 2012, NEASG and NWASG Pools will remain intact and will be the purchaser and seller from/to NPP.
- No change from today's methodology.
- Painesville will buy/sell from NPP.

2

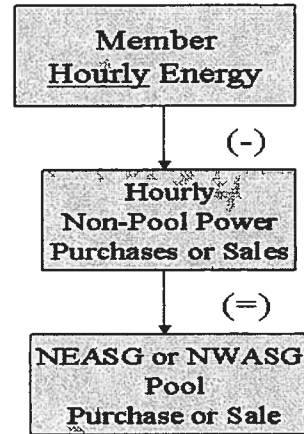


Pool Member **Hourly** Energy Allocation (2011-2012)

**No Change
From Current
Billing
Methodology**

(1) Purchases from NEASG or NWASG Pool at FE.ATSLAMPO Day Ahead LMP rate Scaled to Monthly NEASG or NWASG Dollars.

(2) Sales to NEASG or NWASG Pool at FE.ATSLAMPO Day Ahead LMP rate.



3

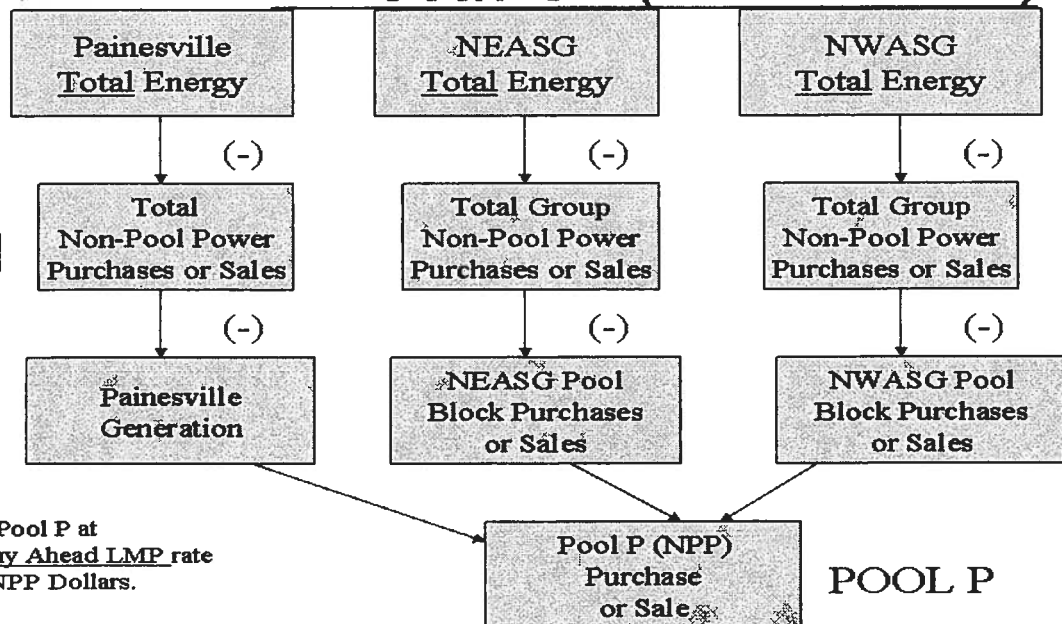


NPP Pool **Hourly** Energy Allocation (2011-2012)

**No Change
From Current
Billing
Methodology**

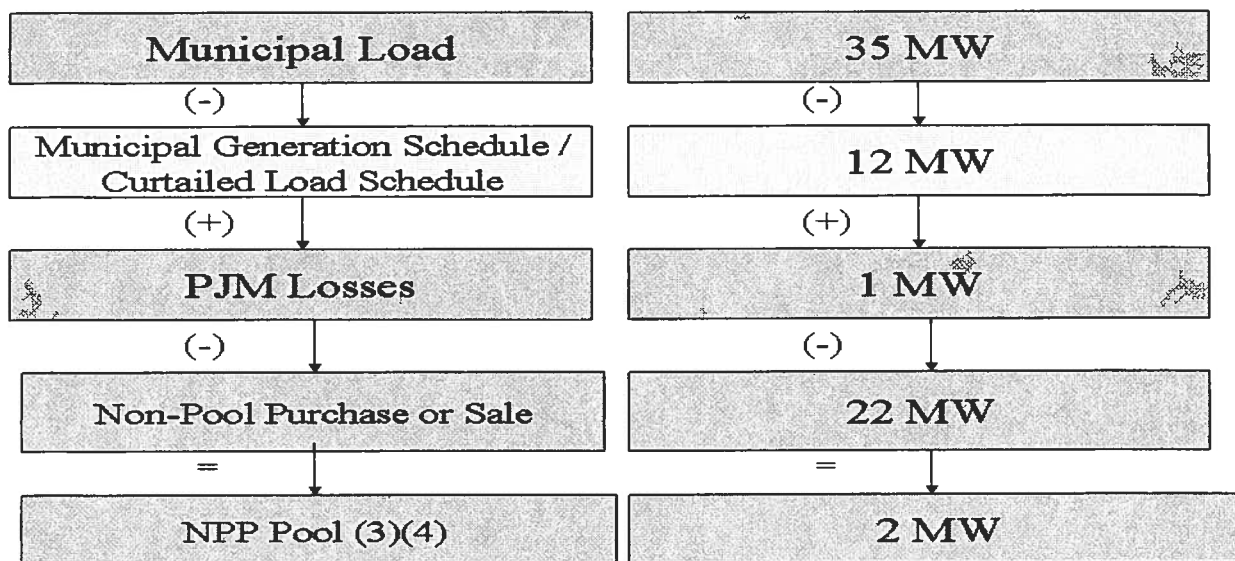
(1) Purchases from Pool P at FE.ATSLAMPO Day Ahead LMP rate Scaled to Monthly NPP Dollars.

(2) Sales to Pool P at FE.ATSLAMPO Day Ahead LMP rate.



4

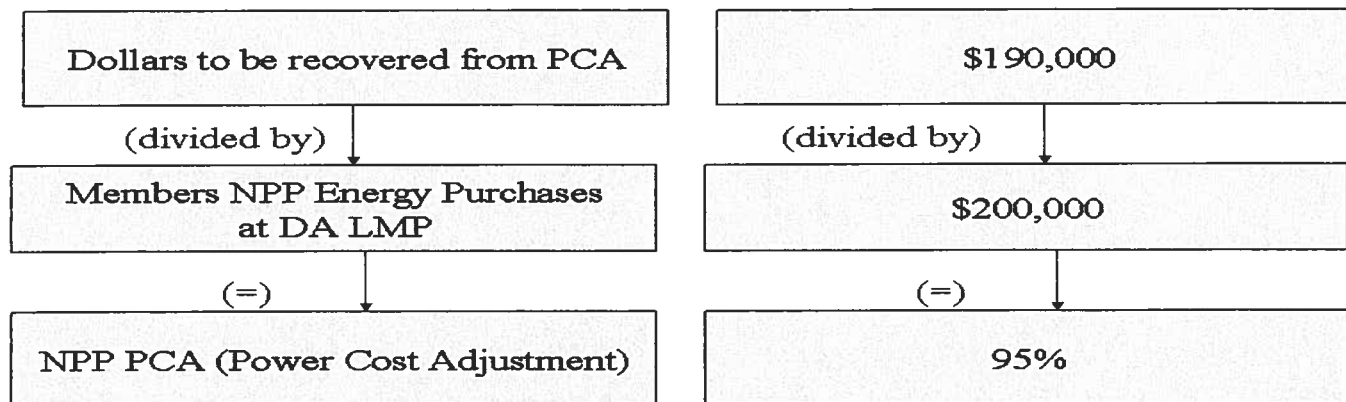
Post 2013 Energy From NP Pool (Calculated Hourly)



(3) Purchases from S-T Pool at Day Ahead LMP rate of Municipal Pricing Point plus PCM.

(4) Sales to S-T Pool at Day Ahead LMP rate of Municipality's PJM Pricing Point.

NP Pool PCA



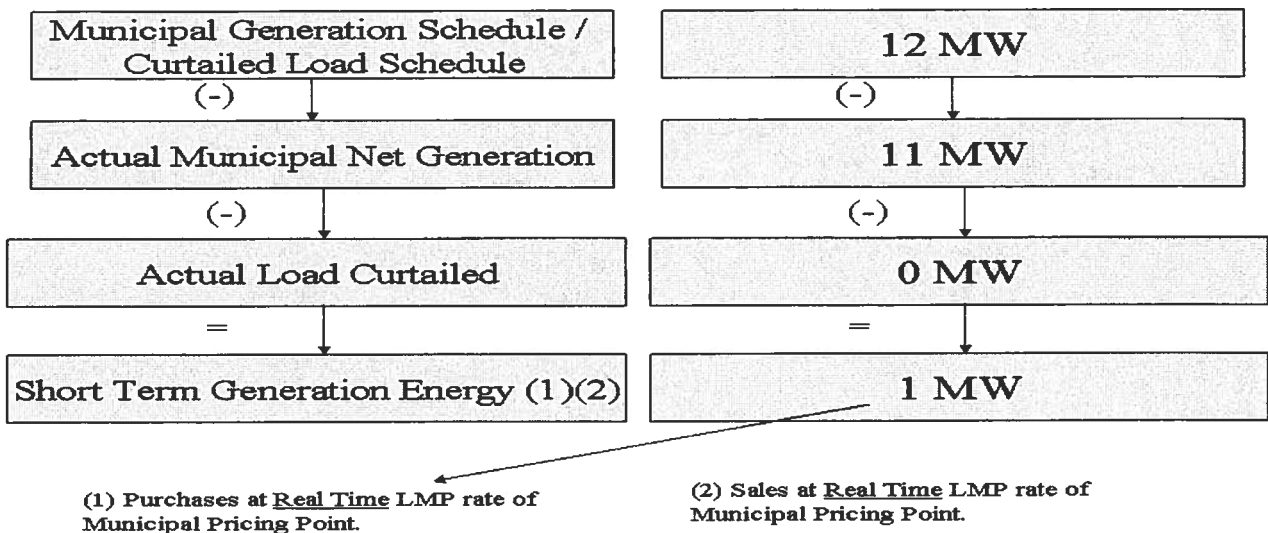
All purchases from NPP billed at DA LMP x PCA
For example: Painesville purchase from NPP (2 MW) at
 $\$32 / \text{MWh} \times 95\% = \$30.40 / \text{MWh}$



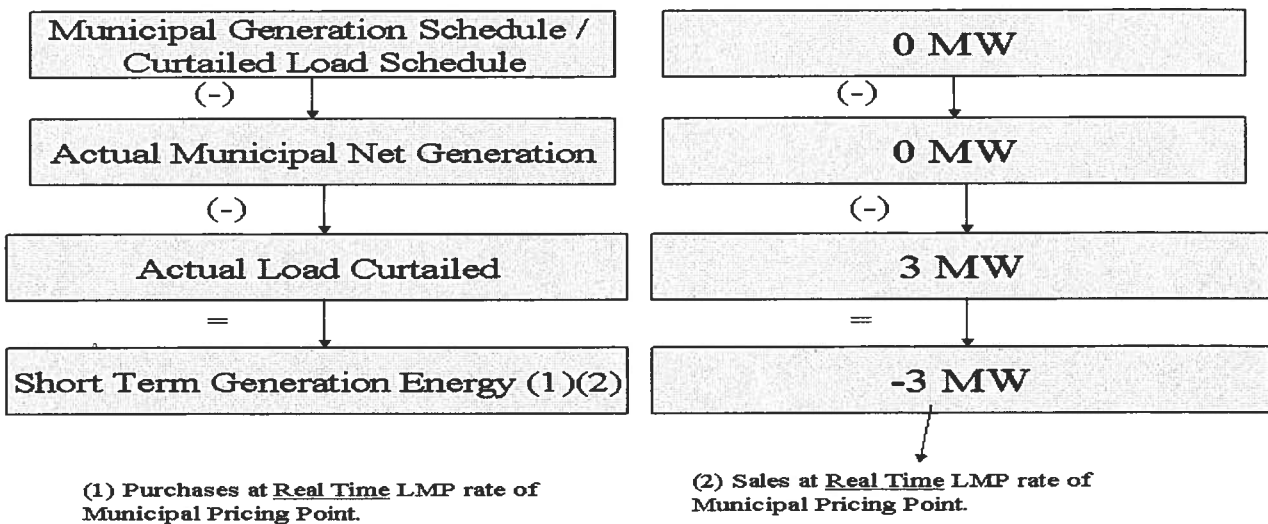
Generation / Curtailable Load

- NP Pool Power settled at Day Ahead Prices
- Allow members to respond and benefit from Real Time prices using Municipal Generation or Curtailable Load.
 - Painesville Coal Generation
 - Member Diesel Generation
 - Member Curtailable Load
 - i.e. Sewer Plant Load transferred to generation
 - Member Customer Curtailable Load
 - i.e. Seville Bleach Tech
 - Direct Load Control (AC / Water Heater Switches)

Painesville Generation Schedule Deviation {HE 10 on June 1}



Curtable Load Schedule Deviation {HE 10 on June 1}





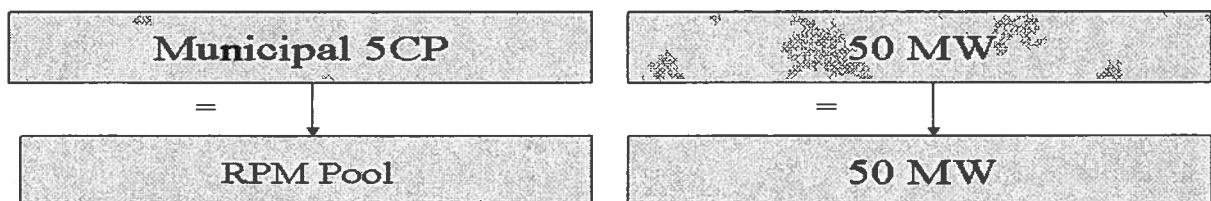
RPM Pool

In order to allow for Installed Capacity Resources to be acquired on a group basis, an RPM Pool will be formed.

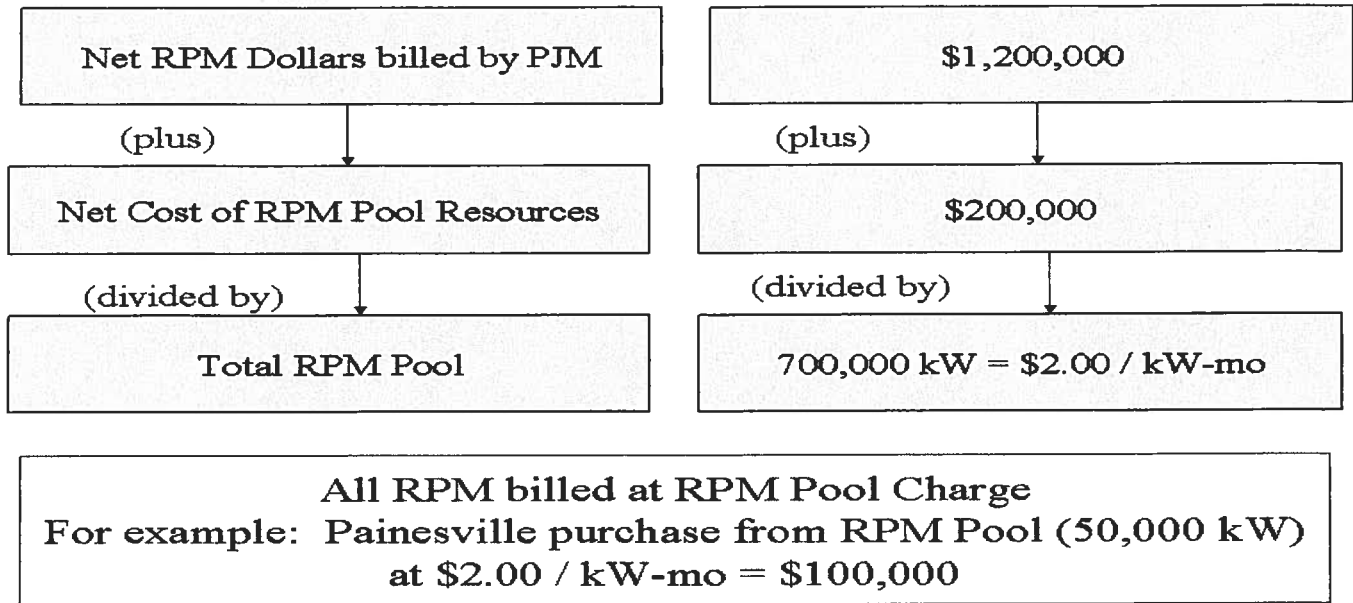
1. RPM calculations are separate from energy calculations of NP Pool.
2. PJM's RPM auction takes place 3 years into the future. RPM resources must be procured for same time frame.

10

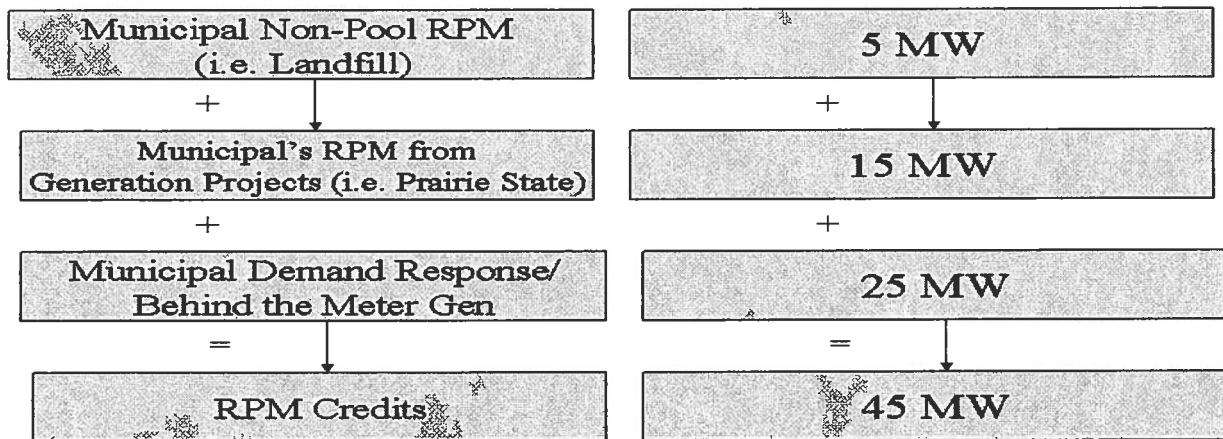
RPM From RPM Pool (Calculated Monthly)



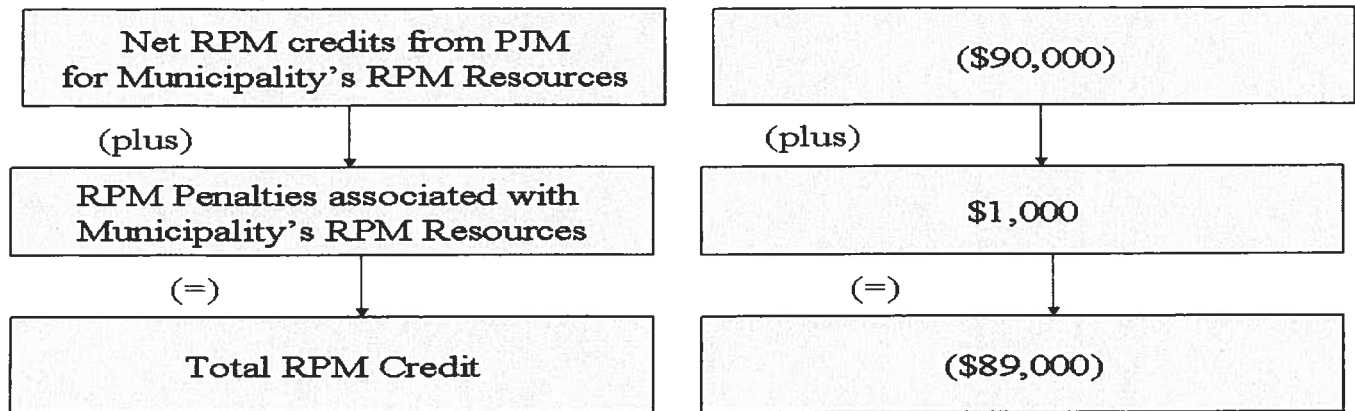
RPM Pool Charge



RPM Pool Credits (Calculated Monthly)



RPM Pool Credits



Village of Pool Participant (SAMPLE INVOICE)

FOR THE MONTH OF:	December, 2010	TOTAL Metered kWh :	281,197
Time of NPP Peak	12/14/2010 @ H.E. 09:00	Coincident Peak kW :	434.63
Time of Non-Coincident Peak	12/02/2010 @ H.E. 11:00	Non-Coincident Peak kW :	721.38

Energy Usage (kWh)	281,197	Transmission Peak kW :	408.00
Wholesale Losses (kWh)	563	PJM Capacity Requirement kW:	366.00
Distribution Losses (kWh)	7,805		
Total Requirements (kWh)	289,564		

Village of Pool Participant Resources

Non-Pool Power 1			
Demand Charge:	\$/kWh	120 kW =	
Energy Charge	\$0.056800 / kWh	62,960 kWh =	\$ 3,563.55
Net Congestion, Losses and FTRs:			\$ 158.42
Subtotal	\$0.058116 / kWh	62,960 kWh =	\$ 3,721.97
Non-Pool Power 2			
Demand Charge:	\$/kWh	100 kW =	
Energy Charge	\$0.049960 / kWh	74,400 kWh =	\$ 3,717.02
Net Congestion, Losses and FTRs:			\$ 179.87
Subtotal	\$0.052375 / kWh	74,400 kWh =	\$3,896.70
Non-Pool Power 3			
Demand Charge:	\$/kWh	100 kW =	
Energy Charge	\$0.053681 / kWh	55,600 kWh =	\$ 2,984.66
Net Congestion, Losses and FTRs:			\$ 138.82
Subtotal	\$0.056178 / kWh	55,600 kWh =	\$3,123.48
Nypa Sched			
Demand Charge:	\$ 7.99 / kW	36 kW =	\$267.50
Energy Charge	\$0.010161 / kWh	15,255.90 kWh =	\$ 155.01
Adjustment for Nypa - November 2010			\$ (19.91)
Net Congestion, Losses and FTRs:			
Subtotal	\$0.027701 / kWh	15,255.90 kWh =	\$422.60
Sale of EXCESS RESOURCES to NP Pool			
Energy Charge:	\$0.035000 / kWh	(2,548.00) kWh =	\$ (89.18)
Subtotal	\$0.035000 / kWh	(2,548.00) kWh =	\$ (89.18)
NP Pool Power			
Demand Charge:	\$0.000000 / kWh	- kW =	\$ -
Energy Charge:	\$0.027843 / kWh	83,896.44 kWh =	\$ 2,335.94
Subtotal	\$0.027843 / kWh	83,896.44 kWh =	\$2,335.94
Total Power charges		281,197 kWh	\$13,411.51

OTHER CHARGES:

Transmission Demand Charge:	\$1.487541 / kW	408.00 kW =	\$606.92
RPM Capacity Charge:	\$6.372308 / kW	366.00 kW =	\$2,332.26
RPM Capacity Credits:	\$6.372308 / kW	(200.00) kW =	(\$1,274.46)
RPM Penalty Charges			\$100.00
Ancillary Service Charges	\$0.000123 / kWh	289,564.35 kWh =	\$35.66
FE ILDSA Charges:			\$1,701.00
FE Power Factor Charges			\$113.40
AMP, Inc. Dispatch Center:	\$0.517583 / kW	434.63 kW =	\$224.96
AMP, Inc. Part A: (Based on 201	\$0.000125 / kWh	2,484,705 kWh * 1/12 =	\$25.67
AMP, Inc. Part B:	\$0.000380 / kWh	281,196.51 kWh =	\$106.85
TOTAL OTHER CHARGES:			\$3,972.26

GRAND TOTAL POWER INVOICE:

\$17,383.77