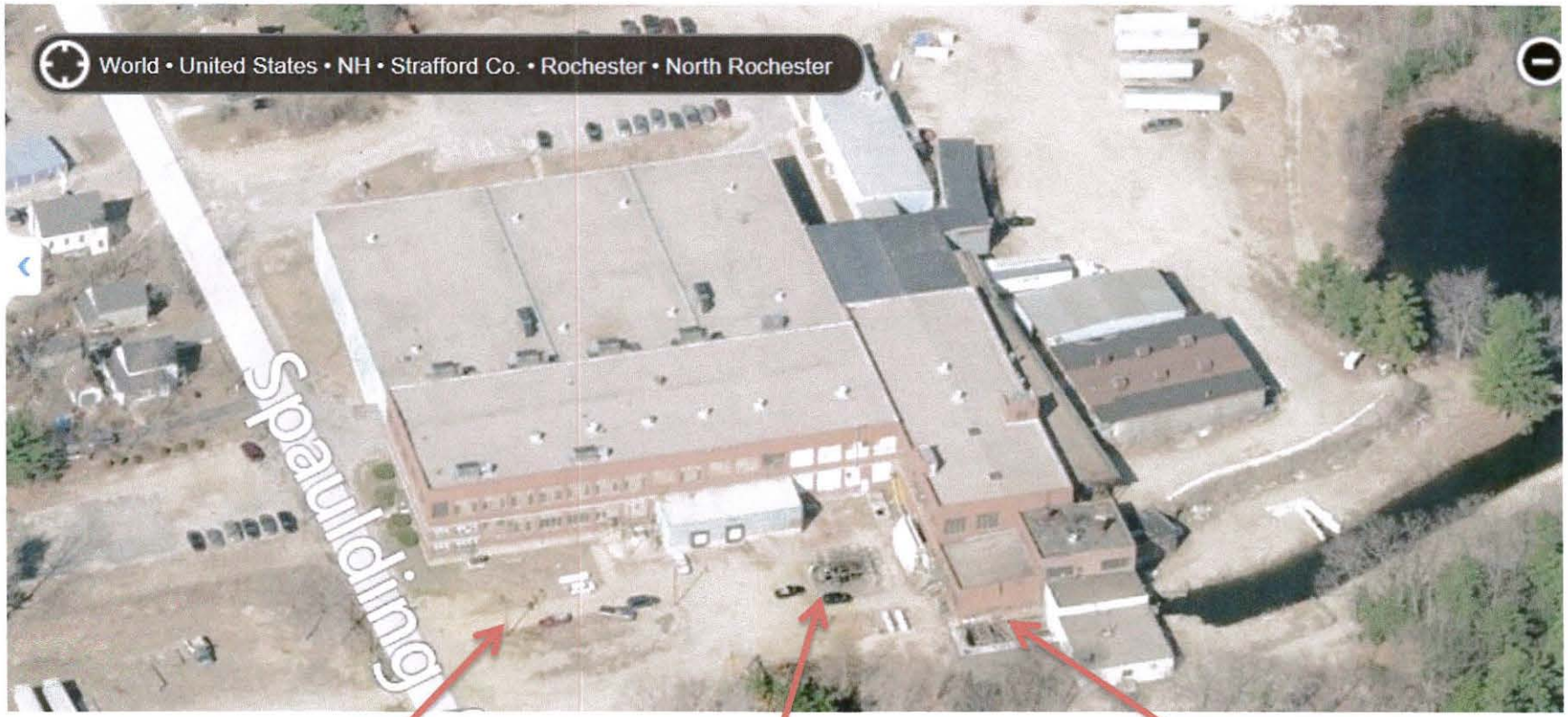
Exhibit 1

Spaulding Ave Industrial Complex LLC
DE12-210
Spaulding Pond Hydroelectric Facility
(NON35901)

FACILITY LAYOUT AND POWER LINE LOCATION

Spaulding Ave Industrial Complex



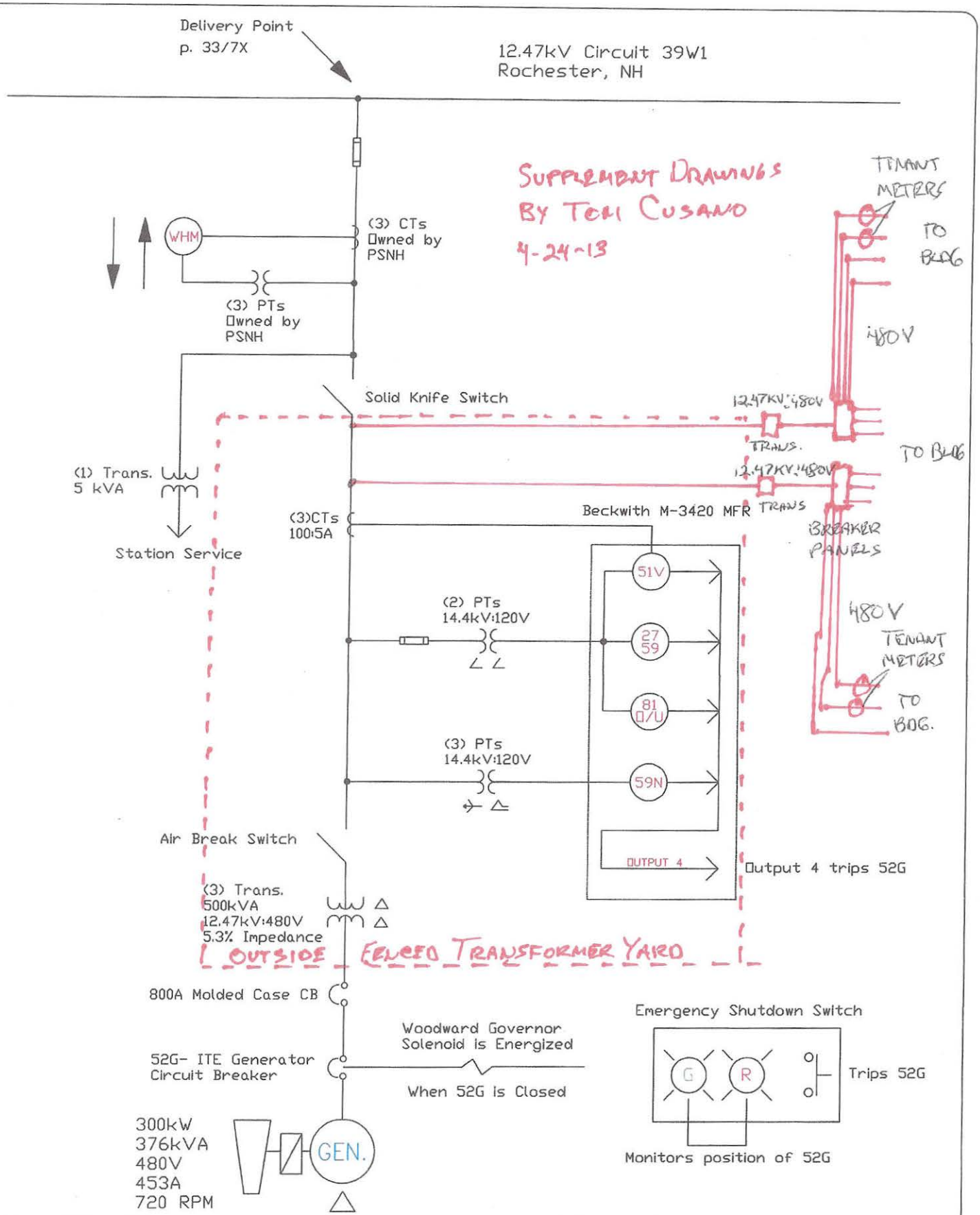
Utility pole at the street with bi-directional meter is the delivery point to PSNH.	SAI owned transformer yard is where electricity is routed to different parts of the building.	Turbines and generator are located here. The electricity goes from the generator through the control panel and then to the transformer yard.

Arial shot – bing maps

Exhibit 2

Spaulding Ave Industrial Complex LLC
DE12-210
Spaulding Pond Hydroelectric Facility
(NON35901)

DETAILED METERING CONFIGURATION OF THE BEHIND-THE METER ELECTRIC GENERATION AND USAGE



NOTES	REVISIONS			
	5-2010 6-2010 CORRECTED PT RATIOS/ADDED PT AND CT POLARITY MARKS	SMITH ALTERNATIVE ENERGY SERVICE	SIZE A	SPAULDING INDUSTRIAL ROCHESTER, NH
			REV 2	HYDROELECTRIC GENERATOR ELECTRICAL ONE-LINE DIAGRAM
			DRAWN BY MARSHALL M. SMITH	SHEET 1 of 1

Exhibit 3

Spaulding Ave Industrial Complex LLC
DE12-210
Spaulding Pond Hydroelectric Facility
(NON35901)

DETAILED DESCRIPTION FROM MR. WILLIAM P. SHORT III, INDPENDENT MONITOR FOR THE SPAULDING POND HYDROELECTRIC FACILITY REGARDING HOW THE METERS WILL BE MONITORED AND READ FOR THE PURPOSE OF ENTERING THE BEHIND-THE-METER RECS INTO THE GIS, NET OF ANY GENERATION STATION SERVICE OR PARASITIC LOAD

Subject: Meter Reading
From: "Bill Short" <w.shortiii@verizon.net>
Date: 7/25/2013 1:27 PM
To: "Stephen Hickey" <sjh@essexhydro.com>

Steve,
Per your request, I read the meter on the generator first and then subtract away from that reading the sales out to the grid. This latter production is recorded on a local distribution utility meter. The difference is uploaded by me as the generation used behind the meter. The utility sales are shown in a MSS account while the behind the meter sales are recorded in a NON account.

For your use only, attached is an internal report that I prepare for Mark Richey Woodworking. MRW is presently qualified as a NH Class I generator in New Hampshire. I file an annual compliance report with the NH PUC. (A copy of this report has been given to the NH PUC). I believe that the MRW situation fits your situation very closely.
I do not take into account any internal electrical use of the turbine-generator or ancillary equipment, i.e., parasitic loads. There are three reasons for this. First these loads are very small, a few KWs, thus, the error might be a MWh a year.

Second, a NEPOOL GIS working group (which included a New Hampshire PUC representative) met for six months on a related issue. It was decided to ignore the MSS readings and to only use NON readings for all solar and wind projects in Massachusetts without any sales out to the grid. A similar approach is being used in Connecticut. Parasitic losses are ignored as are all line and transformer losses. By the way, nearly all of these Massachusetts solar meters are read by the Mass CEC (and in Connecticut they will be read by the utilities). This is the way that the Mass CEC and DOER wanted it.
Finally, I read Harvard University's meters. On its CHP unit (5.2 MW) , Harvard, DOER and I looked at the parasitic losses. The CHP makes about 24,000 AECs annually. We calculated that the parasitic loss to be a few MWhs annually. DOER told us to enter the gross number in the NON account since the error was not worth the effort to quantify and make the adjustment.
If you do not want to ignore the parasitic loads, I will be glad to calculate a monthly parasitic load and subtract that number off of the behind the meter production that is reported to the NEPOOL GIS in the NON account. That load would most likely consist of a lube oil pump, overhead lights and wall socket devices. I'll show that subtraction on my internal report that I use to store my meter readings and at year-end file with the NH PUC.
I hope that this answer helps you with the Spaulding Pond application for New Hampshire Class I treatment for its behind the meter use. If I can be of further assistance, please do not hesitate to contact me.
Bill Short

William P. Short III

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