

NEW MILFORD BOARD OF EDUCATION
New Milford Public Schools
50 East Street
New Milford, Connecticut 06776

FACILITIES SUB-COMMITTEE
MEETING NOTICE

DATE: April 2, 2013
TIME: 6:45 P.M.
PLACE: Lillis Administration Building—Room 2

AGENDA

New Milford Public Schools Mission Statement

The mission of the New Milford Public Schools, a collaborative partnership of students, educators, family, and community, is to prepare each and every student to compete and excel in an ever-changing world, embrace challenges with vigor, respect and appreciate the worth of every human being, and contribute to society by providing effective instruction and dynamic curriculum, offering a wide range of valuable experiences, and inspiring students to pursue their dreams and aspirations.

1. Call to Order

2. Public Comment

The Board welcomes Public Participation and asks that speakers please limit their comments to three minutes. Speakers may offer objective comments of school operations and programs that concern them. The Board will not permit any expression of personal complaints or defamatory comments about Board of Education personnel and students, nor against any person connected with the New Milford Public School System.

3. Discussion and Possible Action

- A. Mercury Solar Update
- B. NMPD Communications Center at NMHS Update
- C. Timekeeping Upgrade for Facilities Employees

4. Adjourn

Sub-Committee Members: Mr. Daniel W Nichols, Chairperson
Mr. Thomas McSherry
Mrs. Lynette Celli Rigdon
Mr. William Wellman

Alternates: Mr. David A. Lawson
Mr. David R. Shaffer

GEORGE C. BUCKBEE
TOWN CLERK
2013 MAR 28 P 2:30

NEW MILFORD, CT

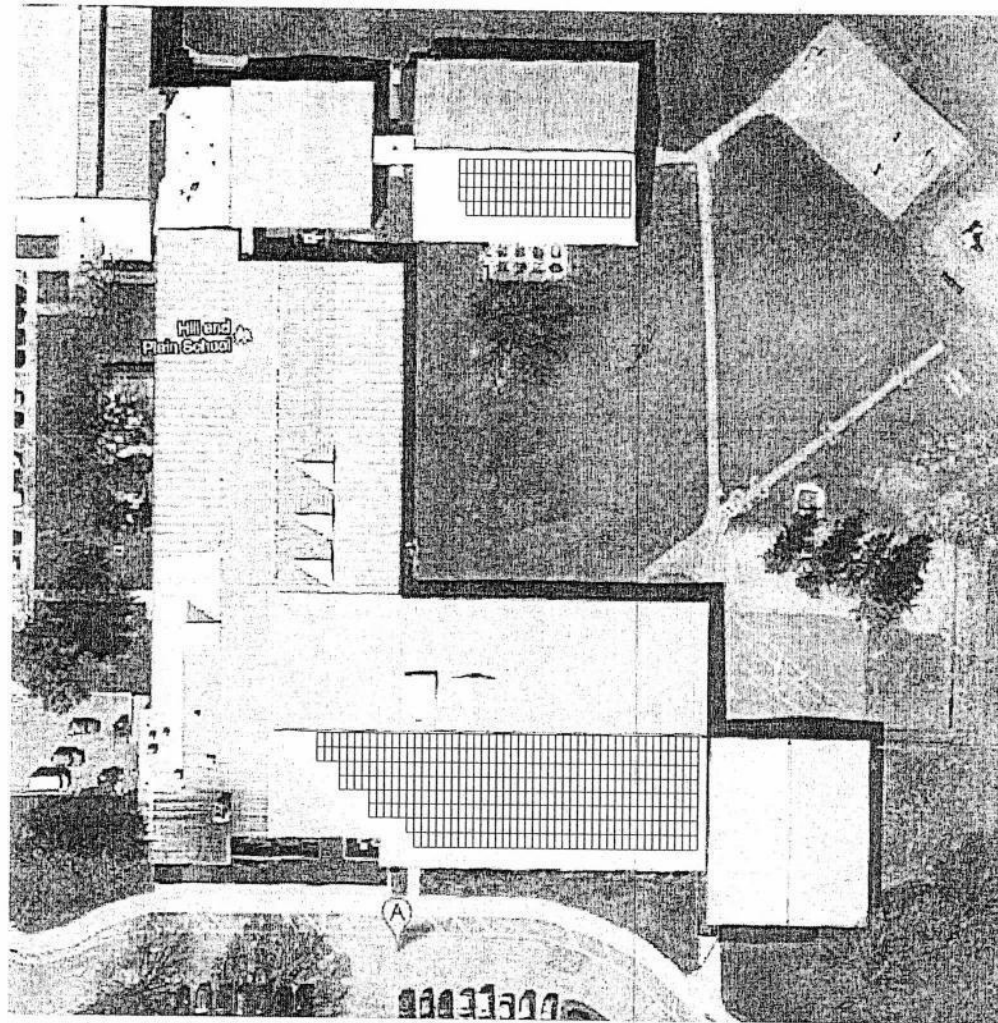
During the 20 year power purchase agreement (PPA)	Hill & Plain Elementary Lottery pick # 159	New Milford High School Lottery pick #209
Annual kWh Consumption	376,000 kWh	1,500,000 kWh
Current Supply and Transmission Rate (\$/kWh)	\$0.105 per kWh	\$0.126 per kWh
Solar PV System Size	129.36 kW	129.36 kW
Estimated Annual Solar Production	152,556 kWh	137,958 kWh
Percentage of Usage Solar Offsets	40%	9%
Solar PPA Rate (\$/kWh)	\$0.09 per kWh	\$0.09 per kWh
1 st Yr Savings	\$2,288	\$4,966
Sustainable Curriculum Bonus (Yr 1)	\$2,500	\$2,500
Total 1 st Yr Savings	\$4,788	\$7,466
20 Yr Savings	\$179,897	\$258,440
Years 20-25, following PPA, units still under full warranty	Hill & Plain Elementary	New Milford High School
Solar PV Production (Yrs 21-25)	683,153 kWh	617,782 kWh
Solar Savings (Yrs 21-25)	\$233,492	\$253,380
Total after year 25 years in place	Hill & Plain Elementary	New Milford High School
Total Savings (25 Years)	\$413,389	\$511,820

Hill & Plain Elementary School

LOTTERY # 159



AZIMUTH = 183°



SOLAR PV SYSTEM SUMMARY:

(129.36)	TOTAL SYSTEM SIZE IN KW-DC (STC)
(462)	280W STD EFF-77X39"
(1)	ADVANCED ENERGY 100KW INVERTER
~15'	UNIRAC MOUNTING SYSTEM

1 Plan View
Scale: 1/32"=1'-0"

NOTE: THIS LAYOUT IS FOR ESTIMATE PURPOSES ONLY, ON-SITE MEASUREMENTS, SHADING ANALYSIS, VENDOR AND STRUCTURAL ENGINEERING APPROVALS WILL BE REQUIRED PRIOR TO FINALIZING THE DESIGN.



PROJECT SITE
NEW MILFORD SCHOOL DISTRICT
PROJECT ADDRESS
60 OLD TOWN PARK RD
NEW MILFORD, CT 06775
SHEET TITLE
SITE PLAN

REV	DATE	DESCRIPTION
1	1/7/2013	1
2	1/7/2013	2
3	1/7/2013	3
4	1/7/2013	4
5	1/7/2013	5
6	1/7/2013	6
7	1/7/2013	7
8	1/7/2013	8
9	1/7/2013	9
10	1/7/2013	10

DISCLAIMER
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PROJECT NUMBER
022569

PROJECT ENGINEER
UM

PEER REVIEW

VP OF CONSTRUCTION

VP OF ENGINEERING

DATE
1/7/2013

ORIGINAL SIZE
11"X17"

SHEET SIZE
ANSI_B

SCALE
AS NOTED

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

PRELIMINARY DESIGN

PV.1

**New Milford Board of Education
Facilities Sub-Committee Minutes
April 2, 2013
Lillis Administration Building, Room 2**

CLAUDE C. BUCKBEE
TOWN CLERK

2013 APR -4 P 1:36

NEW MILFORD, CT

Present: Mr. Daniel W Nichols, Chairperson
Mr. Thomas McSherry
Mrs. Lynette Celli Rigdon
Mr. David A. Lawson, Alternate

Absent: Mr. William Wellman

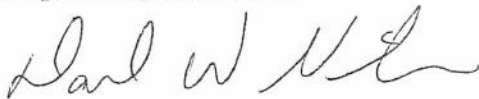
Also Present: Dr. JeanAnn C. Paddyfote, Superintendent of Schools
Mr. Joshua Smith, Assistant Superintendent
Mr. Gregg Miller, Director of Fiscal Services
Mr. John Calhoun, Facilities Manager
Ms. Ellamae Baldelli, Director of Human Resources

1.	Call to Order The meeting of the New Milford Board of Education Facilities Sub-Committee was called to order at 6:45 p.m. by Mr. Nichols. Mr. Lawson was seated in the absence of Mr. Wellman.	Call to Order
2.	Public Comment <ul style="list-style-type: none"> None 	Public Comment
3.	Discussion and Possible Action <ul style="list-style-type: none"> Mr. Nichols said discussion would start with Item B to accommodate Lt. Scribner who would speak on the subject. B. NMPD Communications Center at NMHS Update <ul style="list-style-type: none"> Lt. Scribner stated that the project was going very well. All the contractors stated that the Facilities staff members were very helpful to them. The project is slightly behind schedule due to issues with structural design and the need to do some customization but should finish up during spring break. Mr. Calhoun asked when the center was expected to go on-line and Lt. Scribner said the goal was July 1st for testing of transmissions. Mr. Calhoun asked if preventive maintenance was necessary and Lt. Scribner said it was and 	Discussion and Possible Action NMPD Communications Center at NMHS Update

	<p>would be handled through the Police Department. There are monitoring controls built into the system that are directly linked to the Police Department.</p> <ul style="list-style-type: none">• Mrs. Celli Rigdon asked if the center was tied into the high school electrical system and was told yes but that it is a very minimal cost.	
A. Mercury Solar Update	<ul style="list-style-type: none">• Mr. Calhoun said that this project was first discussed at the February Facilities meeting. At that time, all buildings were submitted for consideration. Two buildings were chosen: Hill and Plain Elementary at number 159 and New Milford High School at number 209. Awards will probably be given to approximately 200 facilities. That should happen over the next few weeks. Mr. Calhoun said Hill and Plain would have been his first choice because of the life of the roof and the fact that it is a seam metal roof and the solar panels can be attached by clips. If there is an issue with the roof, the panels will be easy to remove. The program could provide 40% of HPS' energy needs. In year one, the savings are estimated at \$4788. Over a 20 year period, savings are estimated at \$179,897. After 25 years, total savings are estimated at \$413,389. Mr. Calhoun said the high school will probably not be awarded at number 209. Solar use there would be more intrusive on the shingle roof and provide only 9% of total energy use. He said HPS was the optimum choice for starting to "green" our schools.• Mr. Nichols asked how the vendor determined the number of panels. Mr. Calhoun said he thought it was based on what they feel the facility's system can handle and amount of southern exposure but that he would inquire further. Mr. Nichols asked if the panels could be free standing as well off the roof and Mr. Calhoun said yes.• Mr. Lawson asked why the kw/hour was more expensive at the high school vs. at HPS. Mr.	Mercury Solar Update

	<p>Miller said each building is rated differently by CL&P based on usage requirements.</p> <p>C. Timekeeping Upgrade for Facilities Employees</p> <ul style="list-style-type: none">Mr. Calhoun said the current Facilities system is a manual punch system and that buildings are not integrated so that employees occasionally have to go from one building to another to punch in and out. Calculations for Human Resources and Payroll are also done manually. Mr. Calhoun budgeted this year for a new system, investigated several, and in conjunction with Human Resources has chosen Veritime. The Veritime system will tie in to Aesop for time and attendance. It is a barcode system currently but will be moving to a biometric system in the fall. It will provide reports, categorize time and tie in with Payroll.Mr. Nichols asked how many employees currently use the punch system. Mr. Calhoun said about fifty. Ms. Baldelli said with the new system, we would also be able to add other groups such as paras, tutors and food service for a total of between 200-250 employees.	<p>Timekeeping Upgrade for Facilities Employees</p>
<p>4.</p>	<p>Adjourn</p> <p>Mr. McSherry moved to adjourn the meeting at 7:09 p.m. seconded by Mrs. Celli Rigdon and passed unanimously.</p>	<p>Adjourn</p> <p>Motion made and passed unanimously to adjourn the meeting 7:09 p.m.</p>

Respectfully submitted:



Daniel W Nichols, Chairperson
Facilities Sub-Committee