

Board of Trustees  
**Executive Committee**

August 24, 2021  
10:00 AM  
ZOOM

**REVISED**  
**8/19/2021**

The public is invited to view the meeting on YouTube. The link to the Board of Trustees YouTube page can be found the Board website: <https://www.maine.edu/board-of-trustees/>

**Executive Session**

The Executive Committee will enter Executive Session under the provision of: 1 MRSA Section 405 6-A.

Following the Executive Session, the Executive Committee will reconvene the public meeting to discuss the following items:

**AGENDA**

- Tab – 1      Appointment of Interim President - UMA
- Tab – 2      Proposed Changes to Board of Trustee Policy 103 Bylaws and Proposed New Board of Trustee Policy 215 on Remote Meeting Access
- Tab – 3      Budget Increase Request, Solar Array, UMPI

**Executive Session**

The Executive Committee will enter Executive Session under the provision of: 1 MRSA Section 405 6-E.

Action items within the Committee purview are noted in green.

Items for Committee decisions and recommendations are noted in red.

*Note: Times are estimated based upon the anticipated length for presentation or discussion of a particular topic. An item may be brought up earlier or the order of items changed for effective deliberation of matters before the Committee.*

University of Maine System  
Board of Trustees

## **AGENDA ITEM SUMMARY**

**NAME OF ITEM:** Appointment of Interim President - UMA

**INITIATED BY:** Dannel P. Malloy, Chancellor

**BOARD INFORMATION:**

**BOARD ACTION:** X

**BOARD POLICY:**

204 – Appointments and Responsibilities

**UNIFIED ACCREDITATION CONNECTION:** Interim Presidential Appointment with a charge to consider how UMA can use its unique strengths to move forward in UMS' unified accreditation environment.

**BACKGROUND:**

Dr. Rebecca Wyke, President of the University of Maine at Augusta, will conclude her service with the University of Maine System on August 27, 2021. In order to provide campus leadership for the next year, Chancellor Malloy recommends the appointment of an Interim President.

Dr. Joseph Szakas, Vice President for Academic Affairs and Provost for UMA, is being recommended as Interim President effective August 28, 2021 for a one year appointment. As a condition of his appointment President Szakas agrees that he will not apply for or accept a nomination for the University's ongoing presidency in the national search conducted during his term as Interim President.

Dr. Szakas was appointed Vice President for Academic Affairs and Provost in May of 2011 and is a tenured Professor of Computer Information Systems at the University. He began his teaching career with UMA as an Assistant Professor in the Department of Computer Information Systems in September of 2000. His leadership for the University and public higher education has included service on a number of committees and working groups within UMS and through membership in regional and state organizations. Dr. Szakas has served as the UMA Incident Commander since 2010.

Dr. Szakas has a Doctor of Philosophy and a Master of Science Degree in Geodetic Science - Computer Cartography from The Ohio State University, a Master of Science Degree in Computer Science from Western Michigan University, and a Bachelor of Science in Computer Science from the University of Michigan - Dearborn.

**TEXT OF PROPOSED RESOLUTION:**

That the Board of Trustees acting through the Executive Committee, approves the appointment of Dr. Joseph S. Szakas as Interim President of the University of Maine at Augusta, effective August 28, 2021 for a one year appointment.

August 16, 2021

University of Maine System  
Board of Trustees

## **AGENDA ITEM SUMMARY**

**NAME OF ITEM:** Amendments to Board of Trustees Policy 103 *Bylaws* and Proposed New Board of Trustees Policy 215 *Remote Public Meetings*

**INITIATED BY:** Mark R. Gardner, Chair

**BOARD INFORMATION:**

**BOARD ACTION:** X

**BOARD POLICY:**

Section 103 – Bylaws of the Board of Trustees  
Section 215 – Remote Public Meetings

**UNIFIED ACCREDITATION CONNECTION:**

N/A

**BACKGROUND:**

Governor Mills issued a special directive allowing the University of Maine System (UMS) Board of Trustees to meet via technology during the COVID-19 pandemic. That special directive has now ended and has been replaced with the State of Maine Public Law 290 (S.P. 40 – L.D. 32), *An Act Regarding Remote Participation in Public Proceedings*. Based on this new Law, the UMS is required to establish a formal policy for Remote Public Meetings.

The new Board of Trustees Policy 215 *Remote Public Meetings* is presented to the Executive Committee, on behalf of the Board of Trustees, for approval. Minor Bylaw changes are also needed to align with the new Policy for Remote Public Meetings. The new Policy as well as the amendments to the Bylaw are attached.

It is important that the UMS establish the new Policy on Remote Public Meetings as soon as possible to be effective for Board meetings and Board Committee meetings starting September 1, 2021.

**TEXT OF PROPOSED RESOLUTION:**

That the Executive Committee, on behalf of the Board of Trustees, approves the amendments to the Board of Trustees Policy 103 *Bylaws* and the new Board of Trustees Policy 215 *Remote Public Meetings* as presented.

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## UNIVERSITY OF MAINE SYSTEM

### Policy Manual

#### INTRODUCTION

##### Section 103 Board of Trustees: Bylaws

Effective: 08/02/1968

Last Revised: 12/09/05; 1/14/08; 7/14/08; 11/15/10; 3/19/12; 7/15/13; 8/24/21

Responsible Office: Clerk of the Board

#### ARTICLE I - Board of Trustees

**Section 1.1**     **Function.** Pursuant to the laws of the State of Maine, and in accordance with the federal statutes governing land grant institutions, the Board of Trustees in consultation with the Chancellor, is the governing and planning body of the University of Maine System.

**Section 1.2**     **Membership.**

- a. The Board of Trustees consists of sixteen persons. All members are appointed by the Governor in accordance with State statutes. Fourteen members are appointed to five-year terms. A full-time University of Maine System student serves as a voting member for a two-year term, and the Commissioner of Educational and Cultural Services serves as a voting member, *ex-officio*.
- b. The members of the Board shall serve without monetary compensation, and shall be reimbursed for expenses incurred in the performance of official duties, upon presentation of an expense account.
- c. A Board member shall not vote on a matter in which he or she has a financial interest and each Trustee shall be bound by an appropriate code of ethics, as adopted by the Board of Trustees.

**Section 1.3**     **Powers and duties.**

- a. The Board of Trustees has final authority over all matters within its jurisdiction. The jurisdiction of the Board relates to, and is exercised over, inter alia, all educational, public service and research policies, financial policy, and the relation of the University System to the state and federal governments.
- b. The Board shall appoint a Chancellor who shall serve at its pleasure and be the Chief Administrative and Education Officer of the University System. The Board shall undertake periodic reviews of the Chancellor's performance. A minimum of nine affirmative votes shall be required to appoint or dismiss a Chancellor. The Board shall consult with the Chancellor, and shall delegate to the Chancellor authority to execute policies established by the Board, together with responsibility for the

internal government and administration of the University System, and such other authority and responsibility as the Board, from time to time, shall deem appropriate.

- c. Presidents of the various institutions and/or units of the University System shall be appointed by the Board on the nomination of the Chancellor and shall serve at the pleasure of the Board. The Chancellor may suspend and/or recommend the dismissal of a President, with final disposition of the matter to be determined by the Board.
- d. The Board of Trustees shall, in consultation with the Chancellor, be responsible for the preparation and approval of all operating and capital budgets, together with University System requests for appropriations, bond issues, and statutory changes, and for their presentation to executive or legislative branches of Maine government in accordance with the provisions of the Maine statutes.

## **ARTICLE II - Organization of the Board**

- Section 2.1**     **Officers.** At the annual meeting, the Board of Trustees shall elect from among its members a Chair and a Vice-Chair, and such other officers as the Board may determine. The term of office shall commence at the conclusion of the annual meeting. A Chair shall be ineligible to serve more than four (4) successive terms.
- Section 2.2**     **Treasurer and Clerk.** The Board shall appoint a Clerk and a Treasurer, both of whom shall be sworn and hold their offices at the pleasure of the Trustees.
- Section 2.3**     **Duties of the Chair.** The Chair shall preside at all meetings of the Board, and shall be entitled to vote at all meetings of the Board and its Committees. Subject to the approval of the Board, the Chair shall appoint all standing and special committees and shall designate the Chair of such committees. The Chair shall execute all documents on behalf of the Board, except where other provision is made by the Board, and shall exercise the powers and perform the duties set forth in these By-Laws, and such other duties as usually devolve upon the presiding officer of a deliberative body. (*See: Trustee Practice of Annual Evaluation of the Chair*)
- Section 2.4**     **Duties of the Vice-Chair.** The Vice-Chair shall perform the duties of the Chair at the request, or in the absence or incapacity, of the Chair. The Vice-Chair shall be entitled to vote at all meetings of the Board and its Committees.
- Section 2.5**     **Duties of the Treasurer** shall be as provided in the Maine Revised Statutes.
- Section 2.6**     **Duties of the Clerk of the Board.** The Clerk shall prepare the agenda of all meetings of the Board and its committees. The Clerk, or someone the Clerk shall designate, shall attend the meetings, prepare the minutes of such meetings, and forward copies of the minutes to the members of the Board and to such other persons or agencies as the Board may determine. The Clerk shall have

charge of all Board records, files, minutes, and official documents, notify appropriate persons and agencies of the Board's actions, and copies of Board records certified by the Clerk shall be evidence in all cases in which the originals might be used. The Clerk shall send notices of Board and committee meetings to members of the Board, maintain a central calendar for meetings and shall perform related duties assigned by the Chair of the Board.

*(See: Trustee Practice of Annual Assessment of the Board of Trustees.)*

### ARTICLE III - Committees of the Board

#### Section 3.1

##### Standing Committees.

- a. The Standing Committees of the Board shall be:
  - Executive Committee
  - Academic & Student Affairs Committee
  - Audit Committee
  - Finance/Facilities and Technology Committee
  - Investment Committee
  - Human Resources and Labor Relations Committee
- b. Membership of committees shall be determined annually.
- c. The Chair and Vice-Chair of the Board and the Chancellor of the University System shall be ex-officio members of all standing committees, but the Chancellor shall have no vote.
- d. Each committee shall have at least three members, apart from the ex-officio members.
- e. The standing committees of the Board shall have such powers, duties and responsibilities as may be assigned to them by the Board Chair and agreed upon by the Board.
- f. The Executive Committee of the Board shall consist of the Chair and Vice-Chair of the Board and the chair of the other standing committees and other Trustees for a total of at least 9 members. The Chair of the Board shall be the Chair of the Committee. It shall have and exercise between meetings of the Board, any and all powers of the latter not specifically reserved to it, except that it may not take action against an expressed policy of the Board.
- g. Except for the Executive Committee, Audit Committee, and Human Resources and Labor Relations Committee, the standing committees may include persons who are not members of the Board, who may not, however, participate where subject matter is otherwise reserved.
- h. ~~Committee meetings held at times other than a regular meeting of the Board may be conducted using interactive technology and all members participating by such technology shall be considered as present, count towards the quorum, and are eligible to vote provided there is a physical location designated as the meeting site for inclusion of the public and that each Trustee must be able to clearly see or hear and understand the proceedings in process and the public is able to see or hear the Trustees participating by interactive technology.~~ Actions taken by the Committee

requiring ~~full~~ Board approval will be placed on the agenda or the consent agenda of a regular meeting.

i. See Board of Trustees Policy 215 Remote Public Meetings for detailed information on participation and quorum requirements for Remote Public Meetings.

**Section 3.2** **Ad hoc Committees** may be established by vote of the Board to undertake special assignments upon completion of which the committee shall be discharged by vote of the Board. The Committees may include persons who are not members of the Board. The Chair may also appoint task forces or subcommittees in those instances where the appointment of an Ad Hoc Committee would not be practical due to minimal time requirements for its activities or the nature of the subject matter assigned.

**Section 3.3** Except as otherwise provided, all committee actions shall be reported to the Board for approval.

**Section 3.4** Meetings of all committees ordinarily shall be called by the appropriate Committee Chair, but may be called by the Chair of the Board or a majority of a Committee.

#### ARTICLE IV - Meetings

**Section 4.1** **Regular Meetings.** At the annual meeting, the Board shall establish a schedule of meetings for the ensuing year which shall provide for a minimum of four regular meetings, at least one to be scheduled in each calendar quarter.

**Section 4.2** **The annual meeting** shall be the last regular meeting scheduled in each fiscal year.

**Section 4.3** **Special meetings** shall be held upon the call of the Chair of the Board or upon the written request of seven members of the Board.

**Section 4.4** **Public meetings.** Regular and special meetings of the Board and its committees shall be open to the press and the public, except by vote of the Board for discussion of those matters which are permitted under the statutes to be discussed in executive session.

**Section 4.5** **Remote Public Meetings.**  
**Refer to the Board of Trustees Policy 215 Remote Public Meetings.**

**Section 4.5 4.6** **Notices.** Written notice of each regular meeting shall be sent by the Clerk to the members of the Board at least seven days prior to the date of the meeting.

**Section 4.6 4.7** **Quorum.** A majority of the current membership of the Board shall constitute a quorum for the transaction of business, except as otherwise provided in these By-Laws. ~~A Trustee who cannot be in physical attendance may participate and vote by telephone, Polycom or other similar interactive technology where the~~

~~Chair has determined on the record that the physical presence of the non-attending Trustee is prevented by an exceptional occasion which makes it inadvisable or impossible to attend the meeting. The presence of the non-attending Trustee in this manner shall be counted towards a quorum. In order to exercise this option the Trustee must be able to clearly hear and understand the proceedings in process and the public must be able to hear clearly the non-attending Trustee.~~ **Refer to the Board of Trustees Policy 215 Remote Public Meetings for quorum requirements for remote meetings.**

**Section 4.7 4.8 Parliamentary Procedure.** Robert's Rules of Order, Revised, except as otherwise modified by the rules and regulations of the Board, shall serve as the parliamentary authority.

### **ARTICLE V - Indemnification**

**Section 5** Subject to the provisions of law or policies adopted or approved by the Board of Trustees, the University System shall indemnify any person who was or is a party or is threatened to be a party to any threatened, pending or contemplated action, suit or proceeding, whether civil, criminal, administrative or investigative, by reason of the fact that such person was or is a trustee, officer, employee or agent of the University System, or was or is acting in the course and scope of such person's duties or at the request of the University System against expenses, including attorney's fees, judgments, fines and amounts paid in settlement actually or reasonably incurred by such person in connection with such action suit or proceeding.

### **ARTICLE VI - Amendments**

**Section 6** These By-Laws may be amended at any regular meeting of the Board by approval of a majority of those present provided the proposed amendment shall have been presented in writing at the previous regular or special meeting of the Board, or shall have been sent with the call of the meeting at which the amendments are voted upon.

### **Related Documents:**

Trustee Practice of Annual Evaluation of the Chair  
Trustee Practice of Annual Assessment of the Board of Trustees  
Trustee Practice on Indemnification



## UNIVERSITY OF MAINE SYSTEM

### Policy Manual

#### GOVERNANCE & LEGAL AFFAIRS

##### Section 215 Remote Public Meetings

Effective: 8/24/21

Last Revised: 8/24/21

Responsible Office: Clerk of the Board

##### Scope and Applicability:

The University of Maine System (UMS) Board of Trustees Policy on Remote Public Meetings applies to all meetings conducted by the Board of Trustees and its committees and subcommittees that are subject to the Freedom of Access Act, 1 MRSA Ch. 13 (collectively “UMS Public Meetings”). This Policy supplements but does not amend or nullify any provision of the University of Maine System charter, bylaws, policies, or any other rules related to UMS Public Meetings (“Additional Procedures”). Please refer to such Additional Procedures where this Policy is silent.

##### Definitions:

**Remote; Remotely:** The use of interactive technology that enables participation in a UMS Public Meeting through live, two-way communication which may be audio-only such as telephone, or video and audio such as an online video conferencing platform.

##### Policy Statement:

Any UMS Public Meeting may be held Remotely subject to the conditions outlined in this Policy and the provisions of [State of Maine Law PL 2021 ch. 290, An Act Regarding Remote Participation in Public Proceedings](#).

##### Member Participation:

Members of the UMS Board of Trustee and its committees and subcommittees (“Members”) are expected to be physically present at UMS Public Meetings except when being physically present is not practicable. Circumstances in which physical presence is not practicable include:

- (1) An emergency, urgent issue, or illness;
- (2) Temporary absence from Maine;
- (3) Significant distance a Member must travel, or impediments to travel such as inclement weather; and
- (4) Other circumstances as determined by the Chair of the UMS Board of Trustees or the Chair of the committee or subcommittee holding the UMS Public Meeting.

##### Public Participation:

When one or more Members will participate in a UMS Public Meeting Remotely, the public will also be provided remote access, and reasonable accommodations may be provided when

necessary to provide access to individuals with disabilities. If an opportunity for public input is allowed or required during a UMS Public Meeting with Remote participation, an effective means of communication between the Members and the public will be provided.

Notice and Location:

Notice of any UMS Public Meeting with Remote participation will be provided according to UMS Board of Trustees Bylaws and related policies governing UMS Public Meetings. Additionally, notice of a UMS Public Meeting with Remote participation will state the means by which members of the public may access the UMS Public Meeting Remotely and a location for the public to attend in person unless there exists an emergency or urgent issue that requires an all-Remote meeting as determined by the Chair of the UMS Board of Trustees or the Chair of the Board committee or subcommittee holding the UMS Public Meeting.

Attendance:

A Member who participates in a UMS Public Meeting by Remote methods is present for purposes of a quorum and voting;

Member Voting: All votes taken during a UMS Public Meeting using Remote methods will be taken by roll call vote that can be seen and heard if using video technology, and heard if using only audio technology, by the other Members and the public.

Records: In accordance with applicable law, UMS will make all documents and other materials considered by UMS available, electronically or otherwise, to the public who access the meeting by Remote methods to the same extent customarily available to members of the public who attend UMS Public Meetings in person.

University of Maine System  
Board of Trustees

**AGENDA ITEM SUMMARY**

**NAME OF ITEM:** Budget Increase Request, Solar Array, UMPI

**INITIATED BY:** Mark R. Gardner, Chair

**BOARD INFORMATION:**

**BOARD ACTION:** X

**BOARD POLICY:**

701 – Budgets, Operating & Capital

**UNIFIED ACCREDITATION CONNECTION:**

**BACKGROUND:**

a. Summary of the request:

The University of Maine System, acting through the University of Maine at Presque Isle (UMPI), requests approval to increase the authorized expenditure to construct a 377 kW (DC) Solar PV system on the UMPI campus by up to \$444,240; for a new project total of up to \$1,144,240.

This request is pursuant to Board of Trustee Policy 701, which provides that in an emergency or other extenuating circumstances that do not permit advance consideration by the Board, the Chancellor may approve more substantial changes to a project upon consultation with the Executive Committee of the Board and the consensus of the majority of members present.

In this case the request is to increase the previously authorized expenditure of a Board approved project. The previous agenda item from June of 2020 is attached for reference. With this increase the total project budget will be over \$1million requiring full board approval.

b. Overall requested budget and funding source:

The overall requested budget now totals \$1,144,240. The original amount requested, and approved for this project was \$700,000 based on an insurance reimbursement of \$789,760. The total reimbursement from the Wind Turbine loss was defined to be \$1,234,000. However the final reimbursement of \$444,240 (in withheld depreciation) remains with our insurers.

The Insurers have notified us that the timing of our solar installation has fallen outside a “reasonable period of time” and that the remaining \$444,240 due could be removed from our recovery unless we incorporate it into the solar field installation. The request is to use this additional insurance reimbursement for the increased budget.

c. More detailed explanation of rationale for project and metrics for success of the project:

As described in the June 2020 board agenda item, the estimated annual savings is approximately \$41,760. The system is expected to generate in excess of 460,000 kWh of electricity per year. The ROI is estimated to be approximately 27.4 years. While this is a longer than desirable payback term, given the unique opportunity of funding this project with reimbursement funding, the campus would like to proceed.

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There are two reasons for the change in timing of the solar field project. The first is that when originally bid, all responses defined a greater demand of funding than we were authorized to support. At that time the CBO, Facilities Director and Project Manager determined the scope of work had to be changed (segmented) so that some of the installation could be accomplished by the UMPI Facilities Team. This allowed for a somewhat reduced cost for outside contractor support. A design firm was hired to redefine that segmentation of duties. And then we entered into a pandemic.

The University of Maine at Presque Isle has distributed new bids with a return date of August 10 at 2pm. We are on target to have the installation accomplished fall, 2021. If authorized for the greater spending limit we will define the solar field to meet the funding support.

- d. Explanation of the scope and substance of the project as needed to supplement (a) and (c) above. See above.
- e. Changes, if any, in net square footage or ongoing operating costs resulting from the project: This project will have no net effect on square footage. Estimated annual maintenance costs are less than \$8,000 and are more than offset by the estimated avoided utility costs.
- f. Budget for the project and further elaboration on funding source and selection as needed to supplement (b) above:  
As stated, the new Project Budget is \$1,144,240 with all funds coming from the insurance reimbursement for the Turbine fire in 2018.
- g. Alternatives that were considered to meet the need being addressed by this project:  
The solar field was bid in 2020 after board approval but all bids were over budget. At that time the CBO, Facilities Director and Project Manager determined the scope of work had to be changed so that some of the installation could be accomplished by the UMPI Facilities Team to reduce costs. The current budget request reflects this new approach.
- h. Timeline for start, occupancy and completion:  
Procurement and construction of the arrays will begin upon Trustee authorization. The work is expected to be complete no later than December 22, 2021.
- i. Timeline for any further consideration or action anticipated to be needed by the Board or its committees regarding this project if full authority is not being requested from the outset.  
No additional authorization is expected at this time. If the chancellor and executive committee approve this request, the approval will be reported at the next Board meeting.
- j. Additional information that may be useful to consideration of the item.  
In order to expedite the contracting process, authorization for the additional funding is being requested through the Chancellor per board policy.

#### **TEXT OF PROPOSED RESOLUTION:**

That the Board of Trustees acting through the Executive Committee, authorizes the Chancellor to authorize the University of Maine at Presque Isle to increase the authorized expenditure to construct the solar array, as previously outlined, to \$1,144,240, with full funding from wind turbine insurance reimbursement.

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### AGENDA ITEM SUMMARY

1. **NAME OF ITEM:** Solar Array, UMPI
2. **INITIATED BY:** Mark R. Gardner, Chair
3. **BOARD INFORMATION:** **BOARD ACTION:** X
4. **OUTCOME:** **BOARD POLICY:**  
 Enhance fiscal positioning 701 – Budgets, Operating & Capital  
 Support Maine through research and  
 economic development
5. **BACKGROUND:**
  - a. **Executive summary of the request:**  
 The University of Maine System, acting through the University of Maine at Presque Isle (UMPI), requests authorization to expend up to \$700,000 to construct a 450,000-kilowatt solar array on the UMPI campus. Funding for this project is from insurance proceeds.  
  
 This request is pursuant to Board of Trustee Policy 701, which requires projects with a total cost of more than \$500,000 to be considered by the Board of Trustees or its Finance, Facilities and Technology Committee. The scope of this project places it within the purview of the Finance/Facilities/Technology Committee to approve on behalf of the Board without further consideration by the full Board.
  - b. **Overall requested budget and funding source:**  
 Funding for this project will come from two primary sources, both of which ultimately are insurance proceeds. First, \$444,240 will come from insurance reimbursement from the wind turbine (explained further below). The remainder of the project cost, \$255,760, will come from the campus capital planning reserve, which has current balance of \$815,384. However, \$734,571 of the balance of the capital reserves also was funded by turbine insurance coverage. Ultimately, the project is funded by insurance proceeds.
  - c. **More detailed explanation of rationale for project and metrics for success of the project (ROI or other):**  
 On Sunday, April 1, 2018, the UMPI 600-kilowatt wind turbine, which began operating in 2009, suffered a mechanical malfunction resulting in a fire. This resulted in the turbine being deemed a total loss that then led to insurance proceeds being provided to the campus. Specifically, the campus received \$734,571 that represented the

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depreciated value of the turbine. Additionally, UMS Risk Management was able to negotiate a planned reimbursement of \$444,240 from the insurance companies should the campus invest in a new alternative energy project. This amount has not yet been paid and would be due upon submission of invoicing of a similar type capital project. UMPI re-confirmed this commitment from the insurer on May 11, 2020.

A return on investment analysis has been completed. It is estimated that the annual savings on utility costs (@\$0.09/kW) will be \$41,760 with estimated annual maintenance costs at \$7,381, or a net savings of approximately \$34,000 annually. Based on those estimates, the simple payback for the entire project budget would be approximately 20 years. The simple payback measured against the capital reserve contribution to the budget would be approximately 8 years.

**d. Explanation of the scope and substance of the project:**

Since the loss of the turbine, UMPI has been assessing options to obtain a renewable source for its electricity demand, and to take advantage of the reimbursement amount, mentioned above. The campus has engaged with LaBella Associates to design a solar array that will assist in offsetting the campus' electrical costs and again put it on a path towards carbon neutrality. The scope of the project has been focused on developing a solar array to meet these needs.

The design phase has generated an array that will be located on UMS land adjacent to the wind turbine site. It will be comprised of 1,015 individual Photovoltaic fixed units laid out in a 6 row format. The land it will be located on is an unmaintained field. The site was chosen for multiple reasons, including its proximity to existing underground electrical infrastructure, the topography of the land, limited to no shading, and minimal earthwork needed for installation. Additionally, the design includes the placement of a single dual-tracking solar unit in close proximity to the current Presidents residence. The goal of this unit, in addition to power generation for the structure, will be educational, by monitoring the generation of this unit in comparison to the electricity demanded by a residential-type structure.

A return on investment analysis has been completed. It is estimated that the annual savings on utility costs (@\$0.09/kW) will be \$41,760 with estimated annual maintenance costs at \$7,381. With these figures, it is expected that the project will return all campus expended funds by year 8.

In the current environment, if this were solely a campus-funded project, UMPI would be inclined to defer the project until economic circumstances stabilized. However, given the opportunity to offset the majority of this project's cost with the insurance reimbursement funding, the campus is comfortable with and is asking to proceed. There also are additional factors in favor of moving forward.

First, the LaBella Associates design allows the University to minimize its capital investment. Second, the estimated annual savings will offset the majority of the University's annual electrical costs, which, per kW charged, are the highest in the state of the seven campuses, resulting not only at a complete return on investment within eight years, maximum, but a compounding annual reduction in electrical costs as provider charges continue to increase. Third, the construction of the project allows the University to make significant progress toward its goal of carbon neutrality with

6/15/2020

minimal annual maintenance costs. Fourth, while there has not been a stated time limit on this funding source, there is a risk that the additional insurance reimbursement will eventually no longer be accessible. This would result in a net loss (including increased utilities costs), over a decade of nearly \$800,000 to the University.

**e. Changes, if any, in net square footage or ongoing operating costs resulting from the project:**

This project will have no net effect on square footage. See section d. regarding operating costs. Estimated annual maintenance costs are less than \$8,000 and are more than offset by the estimated avoided utility costs.

**f. Budget for the project, total budgeted contingency and, if needed, further elaboration on funding source and selection:**

The total project budget is set at \$700,000 with a full 10% project contingency carried.

**g. Alternatives that were considered:**

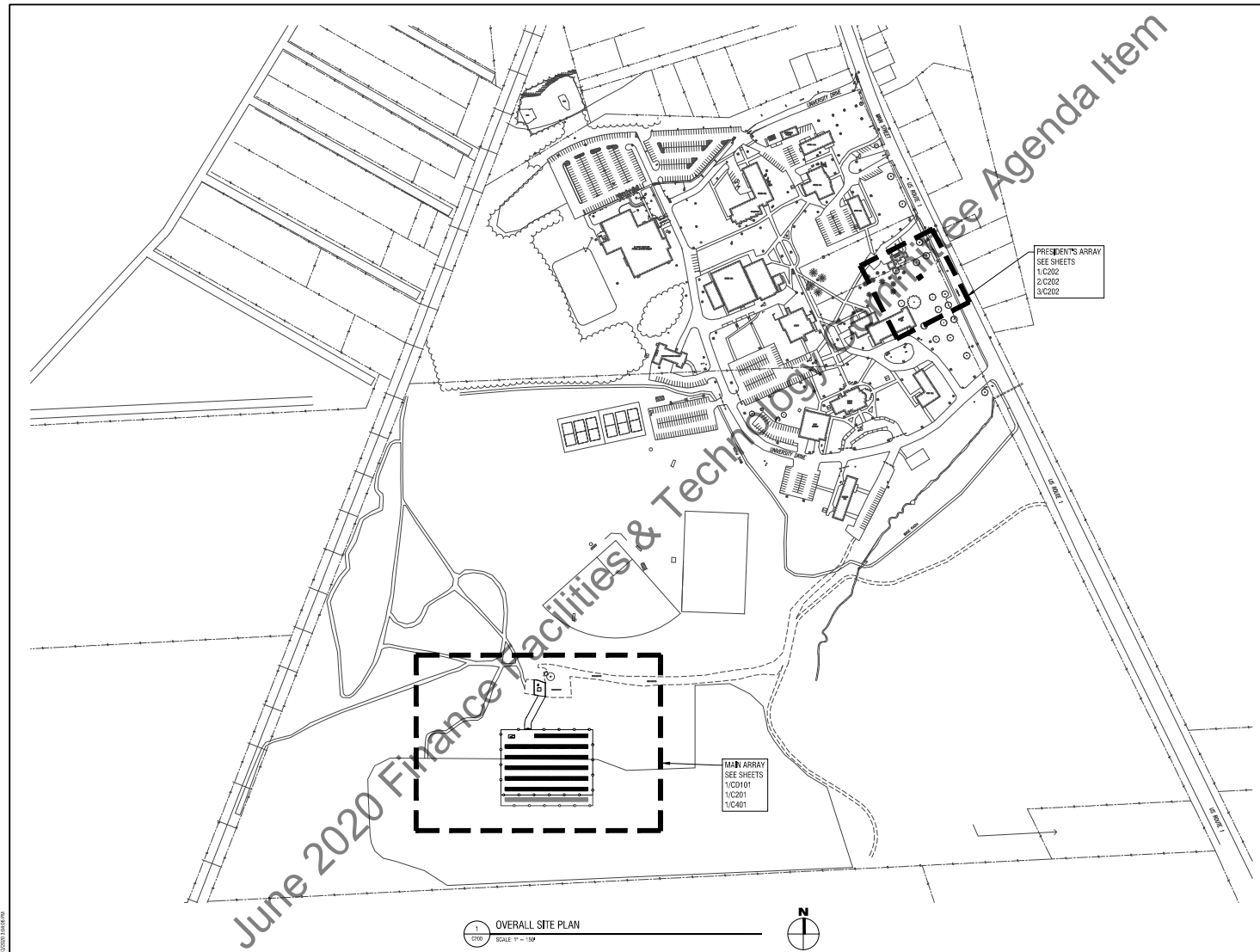
The campus reviewed other options including replacement of the wind turbine and various other types and locations for the solar array. See additional information in section d.

**h. Timeline for start, occupancy and completion:**

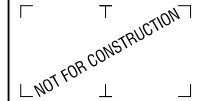
If approved, bidding for this project would commence immediately with the goal of selecting a construction firm no later than the end of month July. Construction would commence in August with estimated completion in September or October.

**6. TEXT OF PROPOSED RESOLUTION:**

That the Board of Trustees, acting through the Finance/Facilities/Technology Committee authorizes the University of Maine at Presque Isle to expend up to \$700,000 to construct the solar array, as outlined, with funding from wind turbine insurance reimbursement and campus capital planning reserves, including temporary use of reserves if needed pending receipt of reimbursement.



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It is a violation of New York Education Law Article 148, Section 2010, for any person, acting under the direction of a licensed architect, professional engineer, or land surveyor, to offer an item in any way, if an item bearing the seal of an architect, engineer, or land surveyor is altered, the altering architect, engineer, or land surveyor shall affix to the item their seal and notation "altered by," followed by their signature and date of such alteration, and a specific description of the alteration.

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# UNIVERSITY OF MAINE AT PRESQUE ISLE

181 MAIN STREET  
PRESQUE ISLE, ME 04769



## CAMPUS SOLAR ARRAY

181 MAIN STREET  
PRESQUE ISLE, ME 04769

NO.	DATE	DESCRIPTION
001	05/20/20	ISSUED FOR PERMIT
PROJECT NUMBER: 2200127		
DRAWN BY: BER		
REVIEWED BY: DPB		
DATE: MAY 2020		
DRAWING NAME:		

## OVERALL SITE PLAN

DRAWING NUMBER:

**C002**



