









User Guidance Webinar

System of Assurance of Net Metering Eligibility www.MassACA.org













Goals

- Major concepts and vocabulary
- MassACA.org
 - New user registration
 - Applications for Cap Allocations (ACAs)
- ACA Review, Timelines, and Reporting
- Questions and Answers













Key Takeaways

Prepare Your Team

- Only individuals legally authorized to submit an Application for Cap Allocation (ACA) on behalf of the Host Customer can start and submit ACAs.
- Representatives (e.g., developers, consultants) can be invited to help existing ACAs by registered Host Customers.

DPU Public Entity ID

- Host Customers applying for space under the public cap will need a DPU Public Entity ID to access the System of Assurance.
- Copy of application form is available at MassACA.org.













Key Takeaways

Electronic Payment

- The application fee of \$100 is due before the submission of an ACA.
- Any user assigned to the ACA may pay the fee on behalf of the Host Customer.

Self Certification

- Users self-certify that information provided is complete and accurate.
- The Administrator's authority to revoke cap allocations extends into the Reservation Period (e.g., users are found to be untruthful, ACAs incomplete).











Key Takeaways

Transitional Period

- Facilities that will receive authorization to interconnect by April 24, 2013 (12 PM) can apply for a cap allocation under the Transitional Period provision.
- Stakeholders may not simultaneously use the Transitional Period provision and submit an ACA.
- The Administrator will not begin to announce ACA determinations (i.e., complete, incomplete) until Feb. 7, 2013.

Required Permits and Approvals

- Users are required to provide "all necessary governmental permits and approvals to construct the Facility with the exception of ministerial permits, such as a building permit..." (DPU Order 11-11-D, Appendix A)
- The Administrator will not be providing users with comprehensive permitting guidance.











BACKGROUND: SYSTEM OF ASSURANCE OF NET METERING ELIGIBILITY













Introductions

- The Cadmus team
 - Cadmus
 - Vanasse Hangen Brustlin, Inc. (VHB)
 - Noble & Wickersham LLP
- Distribution Companies
 - NSTAR Electric Company, Unitil, Western
 Massachusetts Electric Company, National Grid
- MA Department of Public Utilities (DPU)





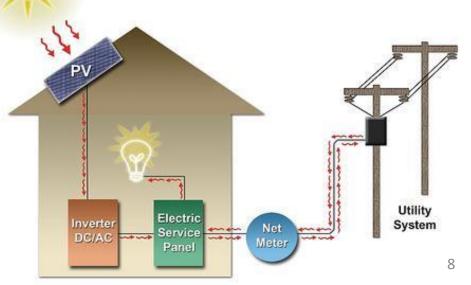






Net Metering Refresher

- An incentive program for grid-connected renewable energy facilities
 - Utility company compensates the Host Customer of a facility for delivering electricity to the grid
 - Host Customer: the utility company's customer of record for the net metering (NM) facility and the recipient of NM services
 - Compensation comes in the form of NM credits applied to Host Customer's utility bill (or other accounts, as designated by the Host Customer)















Additional Resources: Net Metering

- Net Metering 101 Presentation, MA DPU
- Net Metering FAQs, MA DPU
- 220 CMR 18.00: Net Metering
- DSIRE > Massachusetts > Net Metering











Why is the System of Assurance Important?

- The aggregate capacity of NM facilities is determined by law.
 - 3% of each utility's peak load for private net metering facilities
 - 3% of each utility's peak load for public net metering facilities
- The economic viability of renewable energy projects often depends on these services.

How can stakeholders be assured that a proposed facility will receive net metering services?





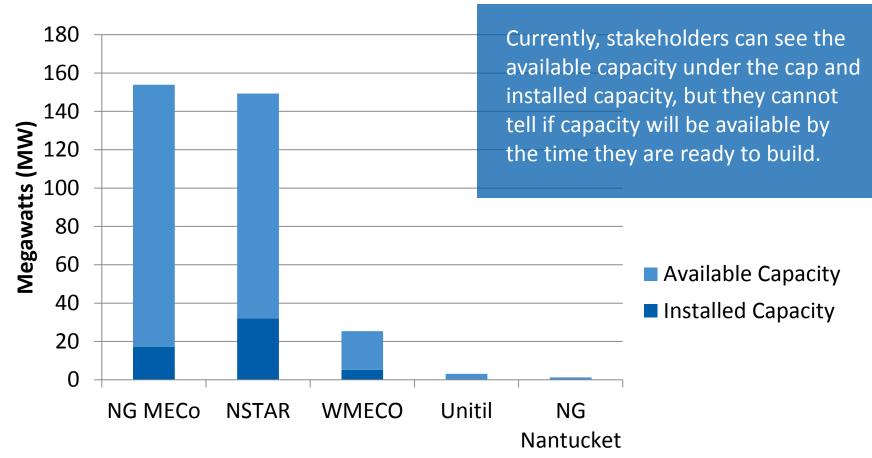








MA Public Cap (3% of Each Utility's Peak Load)







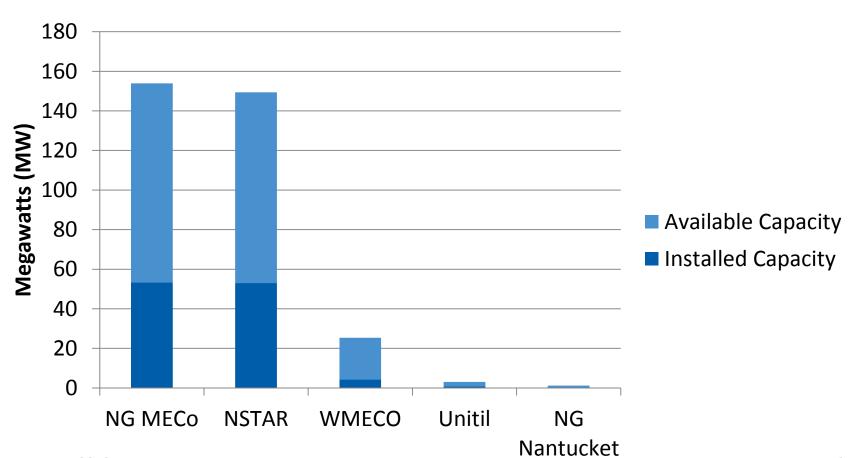








MA Private Cap (3% of Each Utility's Peak Load)













System of Assurance

- The Dept. of Public Utilities created the System of Assurance of Net Metering Eligibility to provide stakeholders' certainty:
 - 1. Of the status of aggregate NM capacity; and
 - 2. Of their facility's eligibility for NM services
- The Cadmus team created a web-based application (<u>MassACA.org</u>) to:
 - 1. Report on the status of aggregate NM capacity; and
 - 2. Receive host customers' **Applications for Cap Allocations (ACAs)**
- Facilities that meet eligibility requirements and submit complete ACAs will receive a cap allocation.
- An approved ACA confirms, for a limited time, that the facility is eligible to receive NM services if the rules of the System of Assurance are followed.











How do Host Customers Secure a Cap Allocation?

- All non-exempt facilities must use the System of Assurance to get a cap allocation.
- At minimum, this requires:
 - 1. Evidence of site control
 - An executed Interconnection Service Agreement (ISA)
 - 3. All required non-ministerial permits and approvals
- The Administrator reviews ACAs and approves facilities for cap allocations.



CADMUS











Logistics

- Need assistance?
 Contact the Administrator at help@massaca.org or call the MassACA helpline at (877) 357-9030
- Questions regarding NM rules may be directed to Laura Bickel (laura.bickel@state.ma.us, 617.305.3588) or Nathan Phelps (nathan.phelps@state.ma.us, 617.305.3707) with the MA DPU















QUESTIONS?













MASSACA.ORG: NEW USER REGISTRATION & USER MANAGEMENT













New User Registration & User Management

User Registration



Step#	Description
1	Create a user account
2	Manage user accounts

ACA Process



ACA Review

CADMUS











Register a new Account.

Select an account type Host Customer Project Representative Note: New accounts must be reviewed and approved before users can access the System of Assurance. To register with the System of Assurance, municipalities and other governmental entities must have a public entity ID number from the Massachusetts Department of Public Utilities (DPU). 1 Indicates a Required field User Account Information Contact First Name* Contact Last Name Henderson .henderson@abcconstruction.com ABC Construction Organization* 132 Main Street Waltham Massachusetts 02451 6178877775

Beginning January 17, 2013 at 12:00 PM, two types of users can pre-register with the System of Assurance:

- Individuals (HCAdmins) in a lead role for the Host Customer with legal authority to submit ACAs on Host Customer's behalf
- Individuals (Representatives) not affiliated with a particular Host Customer

Help content will be available to users throughout the System of Assurance.

CADMUS











Register a new Account.

elect an account type		
e Host Customer		
) Project Representative		
o register with the System	e reviewed and approved before us of Assurance, municipalities and of leasachusetta Department of Public	ter governmental entitles mus
Indicates a Required fiel	d	
lost Customer Inform	nation	
Host Customer Entity*	Town of Waterown, MA	Ţ
Facility Type*	& Public 🐰 Private	
OPU Public Entity ID	1234	Ì
	Required for Public Entities to file	under a Public Cap
Mailing Address*	124 Ordhard Street	
City*	Wasatown	
State*	Massechusetts 🐷	
Zig*	02472	Ì
Phone	6179726420	
Jser Account Informa	ation	
Contact First Name*	Cliris	1
Contact Last Name*	Johnson	
Email*	clopusou @massucoms-ma dos.	Ī
Organization ^a	Town of Waterlown, WA	Copy from Host Gustome
	Lance to the same of	
Address*	124 Ordhard Street	
Address*	Waterlown	

If the Host Customer is a public entity, a DPU Public Entity ID is required.

This can be obtained through an application to the MA DPU. Copy available at www.MassACA.org.

DPU Public Entity ID Application Form













Create a New Host Customer Account

Host Customer Entity: Town ABC



Individuals registering on behalf of a Host Customer, by default, also register the Host Customer.

A Representative (e.g., renewable energy project developer) can be in the System without being attached to a Host Customer.







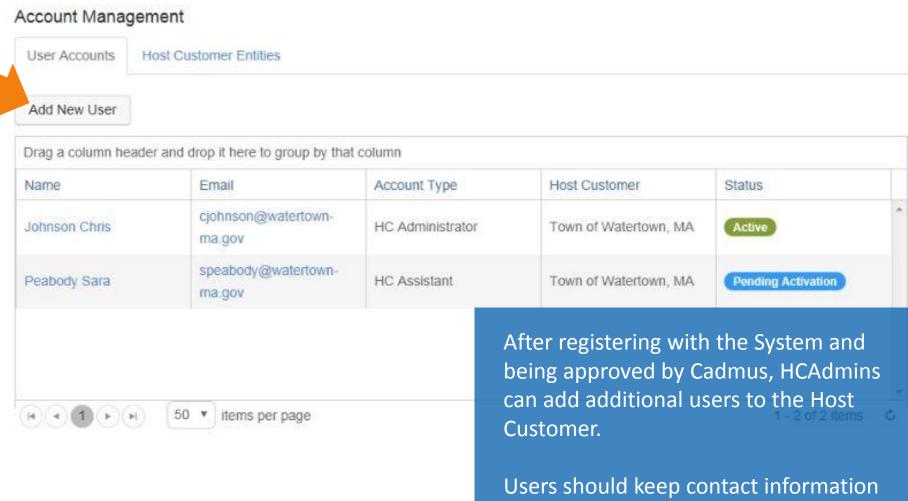




in the System of Assurance current.



Manage Host Customer User Accounts







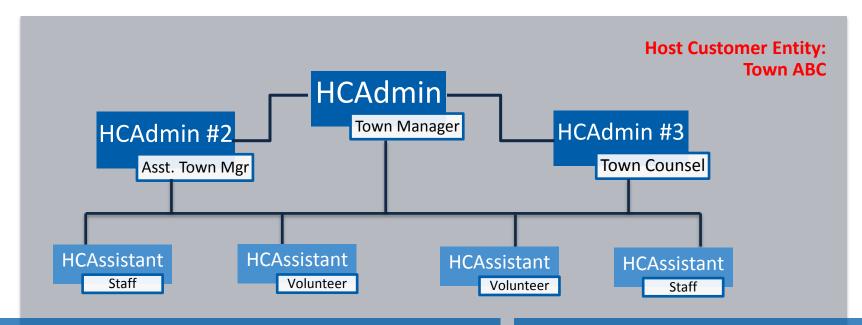








Manage Host Customer User Accounts



HCAdmins have the legal authority to submit ACAs and:

- Manage users
- Start new ACAs
- Connect Representatives to existing ACAs
- Review confidential documents

HCAssistants do not have the legal authority to submit ACAs, but they can:

Review and revise existing ACAs

anuary 17, 2013

23





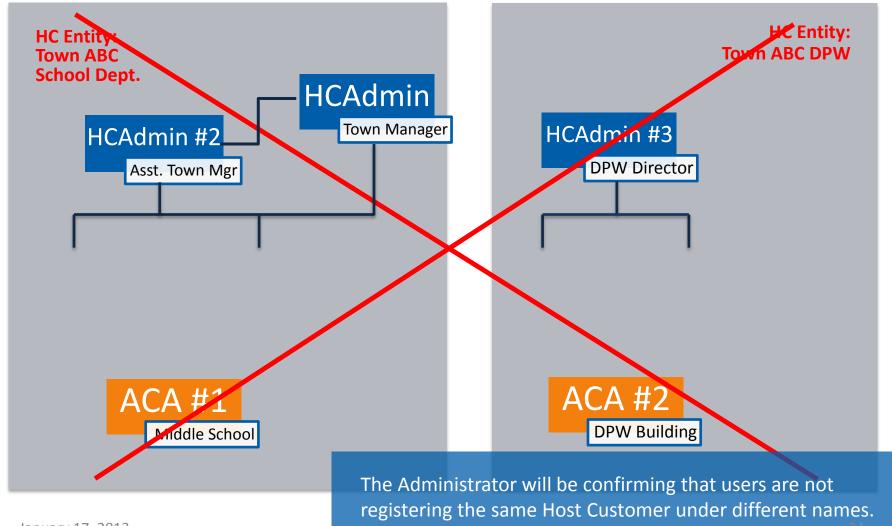








Host Customer Tracking







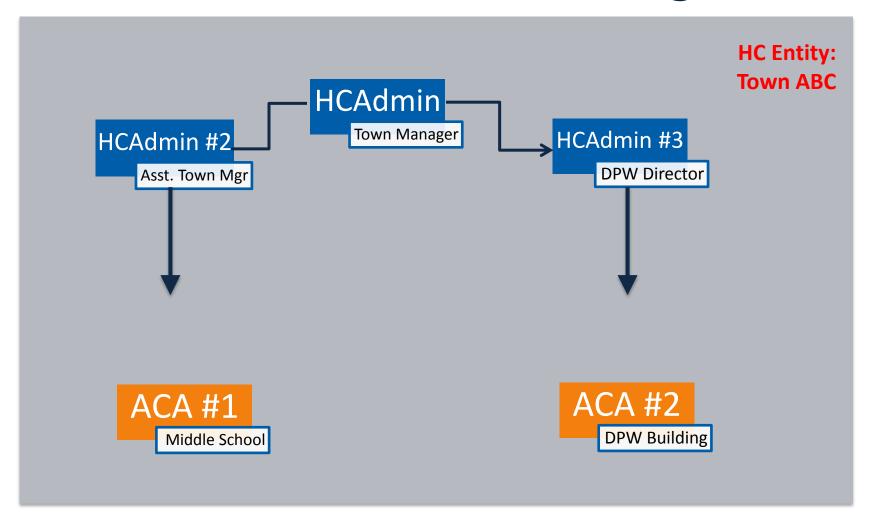








Host Customer Tracking















QUESTIONS?











MASSACA.ORG: COMPLETING & SUBMITTING AN ACA













Completing and Submitting an ACA

User Registration



ACA Process



Step#	Description
1	Enter Basic Facility Information and Add Representatives
2	Provide Facility Details, Upload Documents
3	Pay application fee
4	Review ACA and submit to Administrator







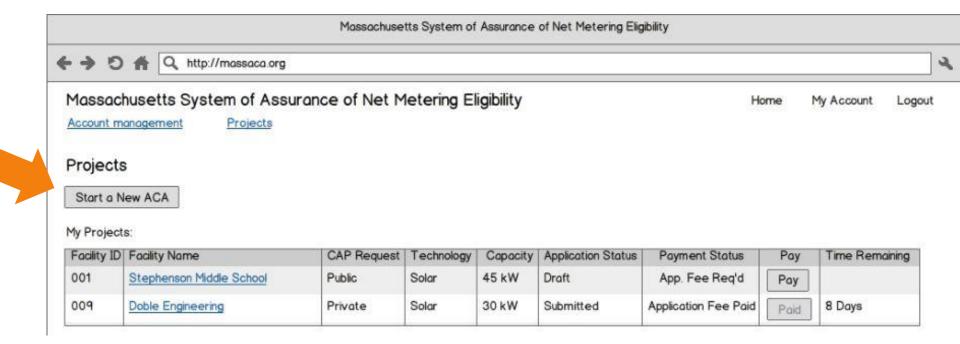








Starting a New ACA



Beginning January 24, 2013 at 12:00 PM, registered users can start and submit ACAs.

CADMUS



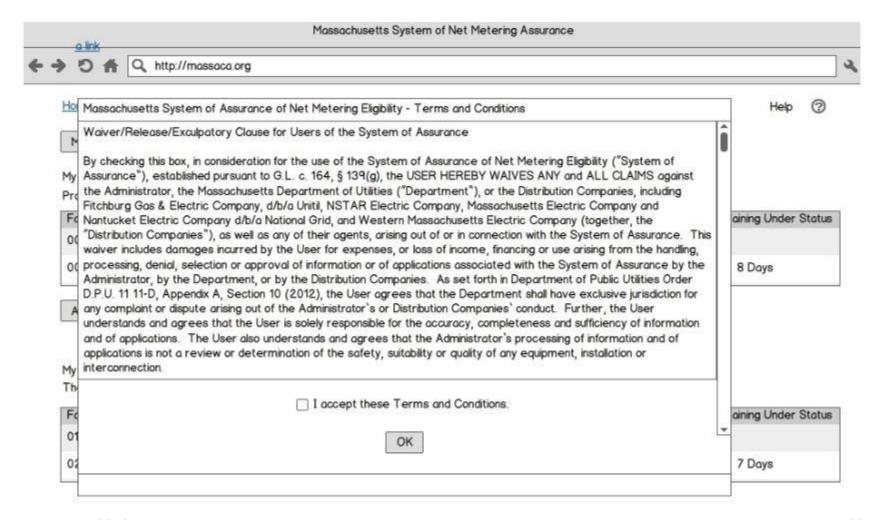








Waiver/Release



CADMUS











Starting a New ACA

lome > 1	My Projects			Help ②	
My Acco		New Project			
	Customer Pi	Net Metering Facility Name:	Stephenson Middle School		
0.0000000000000000000000000000000000000	wned by yo	Net Metering Facility Address:	27 Church St.	ne Remaining Under Status	
001	Stephens	Net Metering Facility City:	Watertown	remaining order occus	
009	Doble En	Net Metering Facility State:	Massachusetts 🔻	8 Days	
A del Mar	Project	Net Metering Facility Zip	02472		
Add Net	v Project	Net Metering Facility Phone:	Watertown		
lv Delen	ate Project	Net Metering Facility Owner Name	Town of Watertown		
ly Delego	ite r roject	Net Metering Facility Contact Name	John Peterson		
Facility ID	Facility No	Net Metering Facility Contact Email:	jpeterson@watertown-ma.gov	ne Remaining Under Status	
		Facility Type:	Public Net MeteringFacility		
			☐ This is a Special Public Facility		
			inis is a Neighborhood Net Metering hocalty	only individuals legally at	
		Utility Company:	National Grid	o submit an ACA on beh	
		Utility Account #:	123-7654321	ost Customer can start A	ACAs.













Navigation

→ 5 4 Q http://ma	ssaca org		_
ssachusetts System o	f Assurance of Net Metering Elig	bility Home My Account Lo	go
ccount management	rojects		
	Application C	ontents	
Facility Details	> Net Metering F	ocility ID: 001	
Public Requirements	> Net Metering Facil	ty Name: Stephenson Middle School	
Representatives	> Net Metering Facility	Address: 27 Church St.]
Technology	> Net Metering Fa	cility City: Watertown	7
Interconnection Agreement			-1
Permitting	>	ny otate.	ä
Project Documents	>		4
Submission	> Net	Metering Town of Watertown	
	Net Metering Facility	Contact: John Peterson	
Save Application	Net Metering Facility Cont	act Email: jpeterson@watertown-ma.gov	
	Net Metering Facility Own	er Phone: 617-926-1746	
	Fac	lity Type: Public Net Metering Facility	
		☐ This is a Special Public Facility	
		 Private Net Metering Facility 	
		 This is a Neighborhood Net Metering Facili 	ty
	Utility	Company: National Grid	
013		ccount #: 123-7654321	1





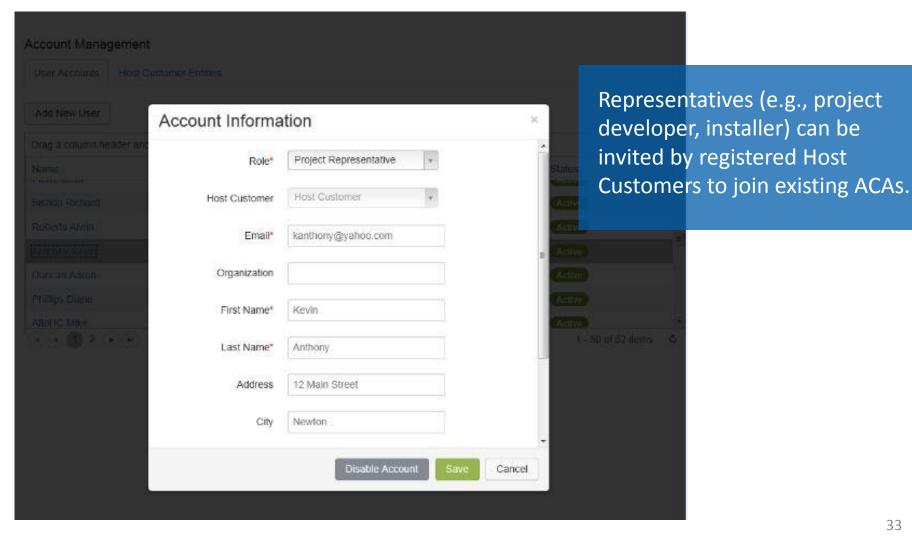








Add Representatives







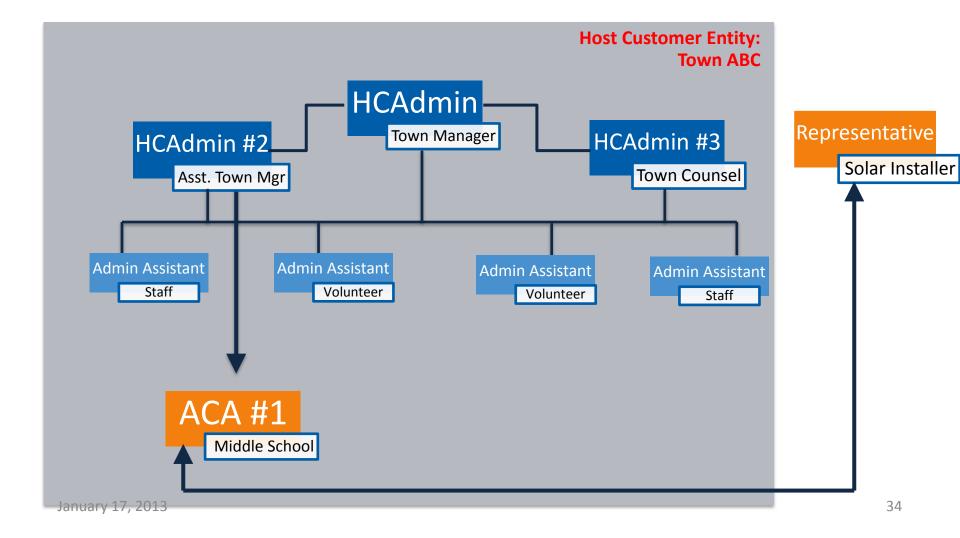








Add Representatives















Representatives' Projects

Massachusetts System of Assurance of Net Metering Eliq	gibility			
← → り ♠ Q http://massaca.org				٦
Massachusetts System of Assurance of Net Metering Eligibility <u>Projects</u>	Home	My Account	Logout	
Projects				
My Delegate Projects:				

Facility ID	Facility Name	CAP Request	Technology	Capacity	Application Status	Payment Status	Pay	Time Remaining
001	Stephenson Middle School	Public	Solar	45 kW	Draft	App. Fee Req'd	Pay	
009	Doble Engineering	Private	Solar	30 kW	Submitted	Application Fee Paid	Paid	8 Days

Representatives will see all ACAs they are associated with on their homepage, along with any timelines/deadlines of ACAs.













Facility Details

→ 5 🌴 🔍 http://massaca.co	rg				,
ssachusetts System of Ass count management Projects	urance of Net Metering Eligibilit	у	Home	My Account	Logout
	Application Contents				
Facility Details >	Net Metering Facility Techn	ology:			
Public Requirements >	Technology Type:	Solar			
Representatives >	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	O Wind			
Technology >		Anaerobic Digestion			
Interconnection Agreement >		Other: Select One ▼			
Permitting >		Other: Select One			
Project Documents >	Mounting Type:	Ground Mounted Duilding Mounted			
Submission >		Other			
Save Application	Phase:	Three 💌			
*	Capacity:	45 kW-AC			
		45 kW-DC For Solar Net Metering F Capacity	acilities, plea	ase enter the AC	and DC



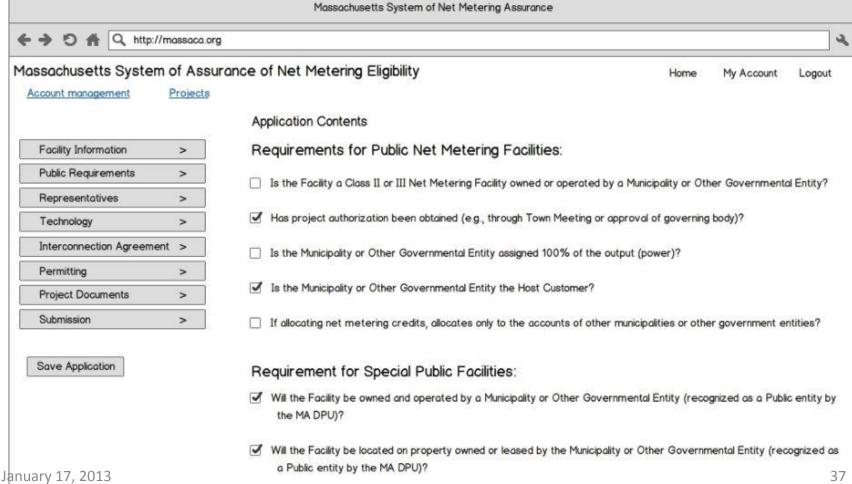








Public Facility Requirements



CADMUS











ISA and Site Control

	Massachusetts System of Assurance of Net Metering Eligibility	
← → り ♠ Q http://massaca.	org	4
Massachusetts System of Ass Account management Projects	surance of Net Metering Eligibility Application Contents	Home My Account Logout
Facility Details > Public Requirements > Representatives > Technology >	Interconnection Service Agreement (ISA) Has an Interconnection Service Agreement been executed?: No Interconnection ID Number: 421-1976	Please Note: An executed Interconnection Agreement is required to file an ACA (except for public projects with the "Special Public" designation).
Interconnection Agreement > Permitting > Project Documents > Submission >	Please upload a copy of the executed Interconnection Service Agreement: All documents shall be submitted electronically in PDF format. If you are unable please contact the Administrator at your earliest convenience for assistance. Interconnection Service Agreement: ISAExecuted.pdf Upload	to submit documents electronically,
Save Application	Site Control: Please Note: An ACA cannot be filed if you cannot demonstrate suitable site may be required. Do you (Host Customer) own the site at which the facility Wes Yes If Yes at this If No If No If No If No O O O O O O O	
January 17, 2013	What documentation will be provided to demonstrate site control? • Lease Agreement • Signed Option • Other: Site Control Document: SiteControlDoc.pdf Uploa	Evidence of site control is required except where the Host Customer owns the site at which the facility

CADMUS











Permits and Approvals

a.org					•
	cons	struc	t the facility with th	e exceptio	
Application Contents Permitting:	User	rs ca	n flag documents as	confidenti	al.
Will the project require any additional	non-ministe	erial pe	rmits and approvals?		
			○ No		
Permit			Document	Confidential	477
Article 97 Authorization (public open spar	ce, CR	•	Article97.pdf		Delete
Endangered Species Review (NHESP)		-	Endanger ed Species.pdf		Delete
Add another permit					
	Permitting: Will the project require any additional • Yes Permit Article 97 Authorization (public open spa	Application Contents Permitting: Will the project require any additional non-minist Yes Permit Article 97 Authorization (public open space, CR Endangered Species Review (NHESP)	Application Contents Permitting: Will the project require any additional non-ministerial pe Yes Permit Article 97 Authorization (public open space, CR Endangered Species Review (NHESP)	governmental permits and a construct the facility with the ministerial permits are inclu Application Contents Permitting: Will the project require any additional non-ministerial permits and approvals? Yes Permit Article 97 Authorization (public open space, CR Endangered Species Review (NHESP) governmental permits and a construct the facility with the ministerial permits are inclu Users can flag documents as O No Permit Article 97 Authorization (public open space, CR Endangered Species Review (NHESP) Endangered Species.pdf	governmental permits and approvals to construct the facility with the exception ministerial permits are included. Application Contents Permitting: Will the project require any additional non-ministerial permits and approvals? Yes No Permit Article 97 Authorization (public open space, CR Article 97 pdf Endangered Species Review (NHESP) Endangered Species pdf

January 17, 2013

☐ I certify that all permits required for the construction and operation of this facility have been secured.











Permits and Approvals

• A ministerial permit is a permit that is granted based upon a determination that the request complies with established standards. Such determinations are arrived at objectively, involve little or no discretionary judgment, and are usually issued by a single official or his/her designee. Non-ministerial permits are permits in which one or more officials considers various factors and exercises some discretion in deciding whether to issue (typically with conditions) or deny permits.













Permits and Approvals: Agricultural Facilities

		Massachusetts System of Net Metering Assurance			
← → り ♠ Q http://m	assaca.org				- 3
		rance of Net Metering Eligibility	Home	My Account	Logout
Account management	Projects				
		Application Contents			
Facility Information	>	Requirements for Agricultural Net Metering Facilities:			
Public Requirements	>	Is the Agricultural Net Metering Facility operated as part of an agricultural bus	siness?		
Agricultural Requirements	>		TOTO TOTAL		
Representatives	>	If yes, what is the name of the business?:			
Technology	>	☐ Has the Commissioner of the Department of Agriculture recognized the business.	iness as an a gr ic	ultural business?	
Interconnection Agreement	>	✓ Is the Agricultural Net Metering Facility located on land owned or controlled to the controlled	by the agricultura	l business?	
Permitting	>		**************************************		
Project Documents	>	Is the energy from the AgriculturalNet Metering Facility used to provide elec- of the agricultural business?	tricity to metere	ed accounts	
Submission	>	of the agricultural coalless?			
		Please upload the approval:			
Save Application		Department of Agriculture Approval: AgApprovalDoc.pdf	Jpload		













Permits and Approvals: Anaerobic Digestion Facilities

		· · · · · · · · · · · · · · · · · · ·	en and the state of the state o					
Massachusetts System o	of Assu	rance o	of Net Metering Eligibility			Home	My Account	Logout
Account management F	Projects							
		Ap	oplication Contents					
Facility Information	>	R	equirements for ACA's with	Anaerobic Digesti	on Net Meterir	ng Facilit	ies:	
Public Requirements	>		T		D	· · · · · · · · · · · · · · · · · · ·		
Anaerobic Digestion Req	>		The facility has been determined by Massachusetts Department of Envir			1993		erating
Representatives	>						., J	
Technology	>		For large Projects (>50kW) as dete	rmined by DEP, has DEP i	ssued an air permit?	,		
Interconnection Agreement	>		For small projects (<50 kW) as dete	ermined by DEP, has DEP	made a determinati	on that the	qualifying	
Permitting	>		Anaerobic Digestion Facility is a low	emissions unit?				
Project Documents	>		Do you have the Statement of Quali	fication Application (SOA)	provided by the Der	ortment of	Energy Resour	-00
Submission	>		the facility for operation?	iloution application (out)	provided by the bes	ou unent of	Lifergy Mesour	.00
Save Application			Please upload the SQA:	SQADoc.pdf	Upload			
			Do you have the DEP findings approv	ing the facility for operation	n?			
January 17, 2013		10000	Please upload the findings:	findingsDoc.pdf	Upload			42













Project Documents

→ 5 A Q http://m	assaca.or	g					
assachusetts System o		rance of Net Meter	ring Eligibility		Н	ome My Aco	ount Logou
Account management E	rojects	Application Contents					
Facility Details	>	Project Documen	ts:				
Public Requirements	>	Please upload any other	documents requi	red to support you	ur application		
Representatives	>	Document	Туре	Date Uploaded	Uploaded by	Confidential	Delete
Technology	>	ISAExecuted.pdf	ISA	1/31/2013	speabody@watertown-ma.go		Delete
Interconnection Agreement	>	SiteControlDoc.pdf	Site Control	2/1/2013	jhenderson@abcconst.com		Delete
Permitting	>	Article97.pdf	Permit	2/5/2013	ihenderson@abcconst.com	7	Delete
	>	SitePlan.pdf	Other	2/5/2013	jhenderson@abcconst.com		Delete
Project Documents		Service Committee			grania di santa di sa		

Save Application

Add New Document...

January 17, 2013 43





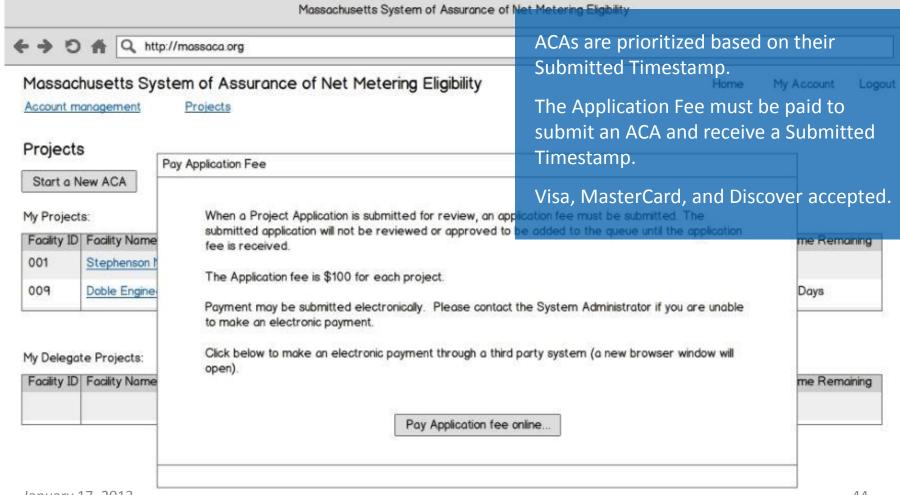








Pay Application Fee













Once submitted, the HCAdmin will receive a confirmation email with the timestamp of

their ACA.



Review, Certify, and Submit

• → • • • • • • • • • • • • • • • • • •	assaca.org				
assachusetts System	of Assur	ance of Net Metering Eligibility	Home	My Account	Logout
Account management	Projects				
		Application Contents			
Facility Details	>	Project Submission			
Public Requirements	>	Projects must be submitted for approval by an Administrator user	for the project Host Cu	stomer The	
Representatives	>	Host Customer Administratorshould review all information in the app			
Technology	>				
Interconnection Agreement	>	☐ By clicking this checkbox, I certify that I am legally authorize	d to submit this applic	ation on	
Permitting	>	behalf of the facility owner.			
Project Documents	>				
Submission	>	Submit App Only indivi	duals legally au	ithorized t	o subn

January 17, 2013













Pay Reservation Fee

- Once reviewers at Cadmus deem an ACA
 Complete, the Host Customer has 15 Business
 Days to submit a Reservation Fee of \$3.15/kW
- Payment will be made through a third party payment system.











QUESTIONS?











ACA REVIEW & DISPUTE RESOLUTION













ACA Review

- Each ACA will be reviewed by the Administrator prior to a determination (Complete/Incomplete)
- ACAs will be prioritized based on the date and time they are **Submitted** to the system
- Users will receive notifications, confirmations from the Administrator via e-mail (administrator@massaca.org)
- The Administrator's authority to revoke Cap Allocations extends into the Reservation Period











Dispute Resolution

- Applicants aggrieved by the Administrator's determination may, within 15 Business Days of the determination, file a request to resolve the dispute.
- The parties will make a good faith attempt to resolve dispute informally. If the dispute has not been resolved informally within 30 Business Days, an applicant may initiate arbitration.
- The applicant shall pay the arbitrator's fees and costs.
- Either party may petition the Department if aggrieved by the arbitrator's decision.











OBTAINING A CAP ALLOCATION UNDER THE TRANSITIONAL PERIOD PROVISION











Transitional Period Provision

- Facilities that will interconnect by 12:00 PM on April 24, 2013 may be granted a cap allocation, per Section 4(a) of the System of Assurance.
- Host Customers must submit a completed Transition Period application (see MassACA.org) to the Administrator (<u>administrator@massaca.org</u>) between January 24, 2013 at 12:00 PM and February 7, 2013 at 12:00 PM.
- Parallel filings are prohibited
- No determinations will be made on submitted ACAs until the Application portion of the Transition Period has expired











RESERVATION PERIOD & QUARTERLY REPORTING













Reservation Period Overview

Technology	Special Public Facility	Permits and Approvals Due	Reservation Period
Solar or Other Facility	N/A	on Submission	9 Months (274 Days)
	Special Public Facility	9 Months (274 days)	18 Months (548 Days)
Wind or Agricultural Facility	N/A	on Submission	18 Months (548 Days)
	Special Public Facility	9 Months (274 days)	27 Months (821 Days)

To exit the System of Assurance, the Host Customer must provide the Administrator with authorization to interconnect from the utility company.











Online Quarterly Reporting & System Changes

- Each Host Customer with a Cap Allocation or position on the Waiting List shall submit to the Administrator Quarterly Reports via MassACA.org on Facility Status:
 - No Change
 - Changed (detailed description), or
 - Authorization to Interconnect Received
- Host Customers may submit as many quarterly reports for a system as necessary, but one per quarter must be received to maintain a Cap Allocation











Quarterly Reporting & System Changes

Permissible System Changes:

- –Host Customer Changes
- Facility Ownership Changes
- -Facility Equipment, if it does not require a new ISA
- —A change in the amount of Net Metering Cap requested, if there is available capacity and it does not require a new ISA

Prohibited System Changes:

- –Changes to the Cap (Public/ Private)
- –Change to the technology
- —Relocation to a non-contiguous property











TRACKING UTILIZED, RESERVED, AND AVAILABLE CAP SPACE





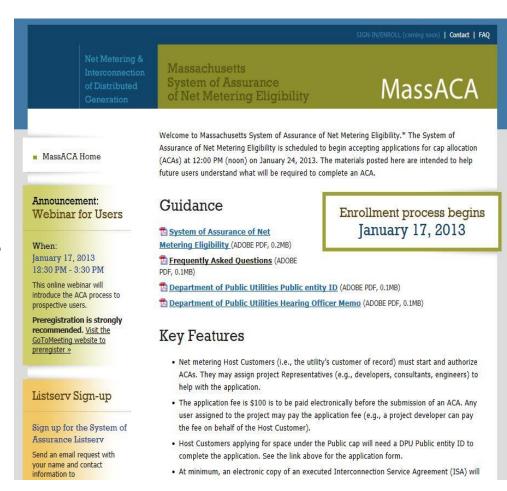






Tracking Utilized, Reserved, & Available Cap Space

- Information about cap space utilized, reserved, and available will be available to all.
- Informal figures will be provided in real time. Actual figures will be provided at the end of each month.







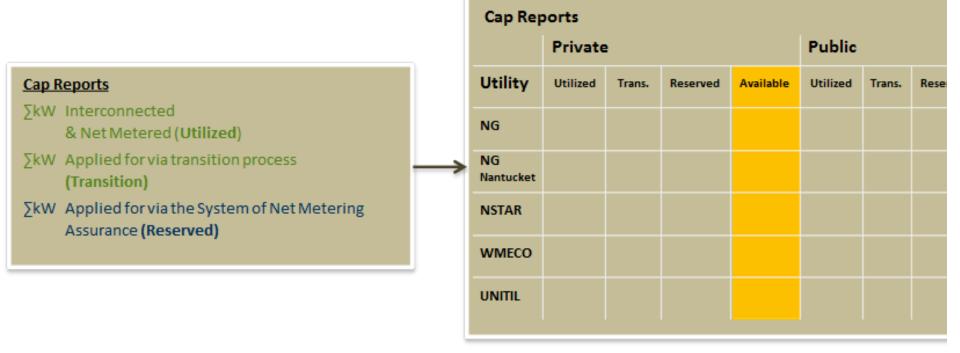








Tracking Utilized, Reserved, & Available Cap Space















QUESTIONS?