

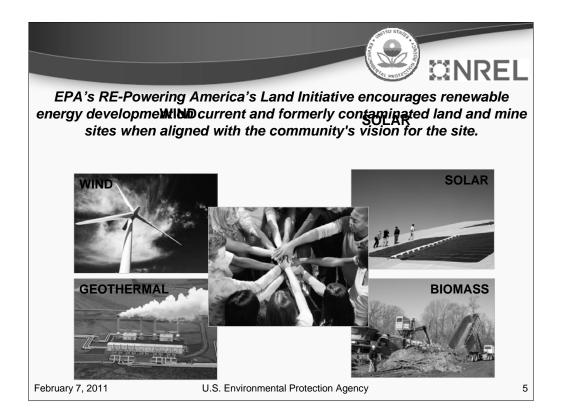
Although I'm sure that some of you have these rules memorized from previous CLU-IN events, let's run through them quickly for our new participants.

Please mute your phone lines during the seminar to minimize disruption and background noise. If you do not have a mute button, press *6 to mute #6 to unmute your lines at anytime. Also, please do NOT put this call on hold as this may bring delightful, but unwanted background music over the lines and interupt the seminar.

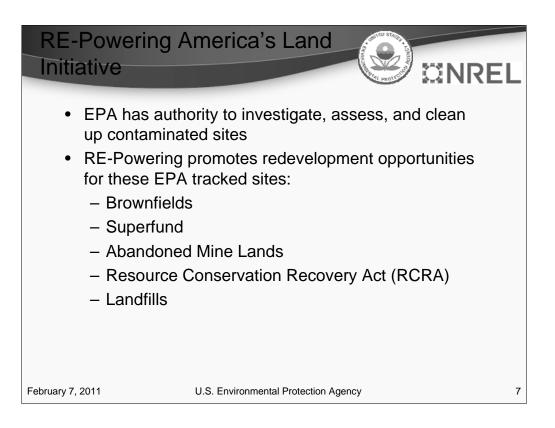
You should note that throughout the seminar, we will ask for your feedback. You do not need to wait for Q&A breaks to ask questions or provide comments. To submit comments/questions and report technical problems, please use the ? Icon at the top of your screen. You can move forward/backward in the slides by using the single arrow buttons (left moves back 1 slide, right moves advances 1 slide). The double arrowed buttons will take you to 1st and last slides respectively. You may also advance to any slide using the numbered links that appear on the left side of your screen. The button with a house icon will take you back to main seminar page which displays our agenda, speaker information, links to the slides and additional resources. Lastly, the button with a computer disc can be used to download and save today's presentation materials.

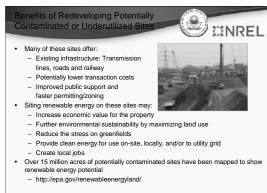




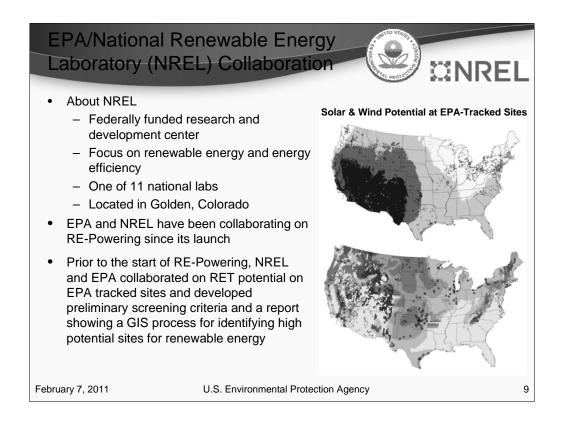


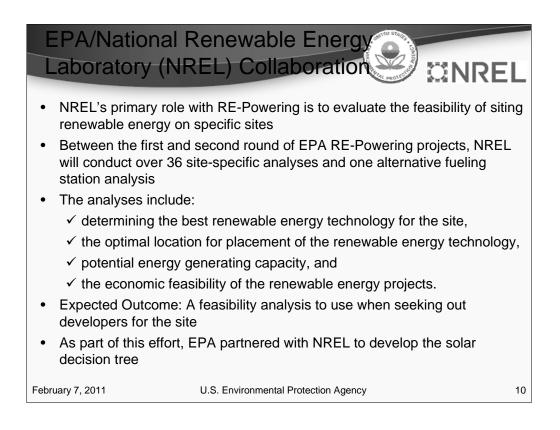


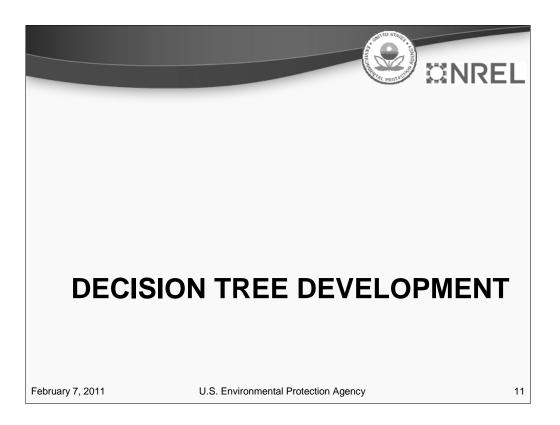




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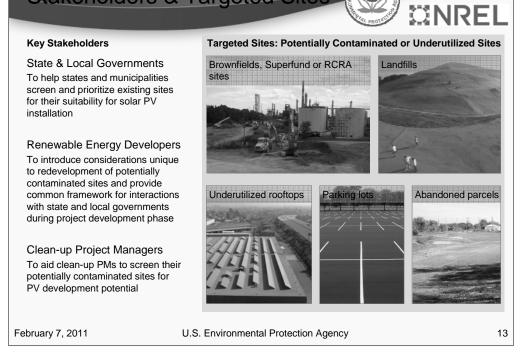




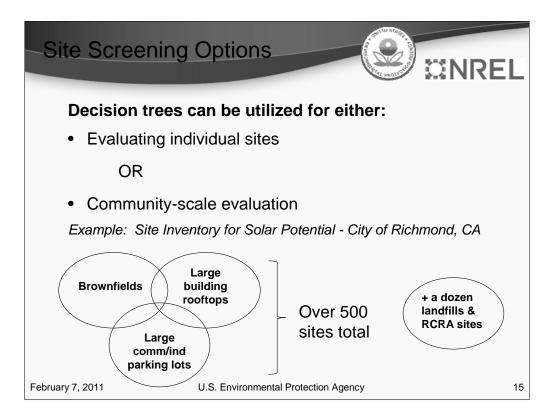


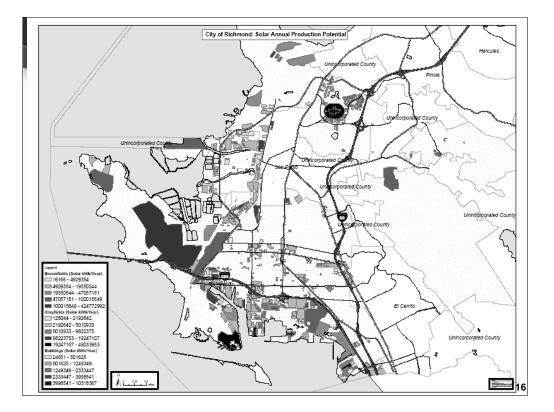
EPA/NREL Scr	eening Tools	L
	e and local governments to evaluate ninated or underutilized sites for y potential	
new tools to guide screening sites fo	ate between EPA and NREL to create e stakeholders through the process of or their suitability for future ith solar photovoltaic (PV) or wind	
<i>Comments</i> Please provide feedback on the tool via email to Shea Jones of the RE-Powering America's Land team at <i>jones.shea@epa.gov</i>		
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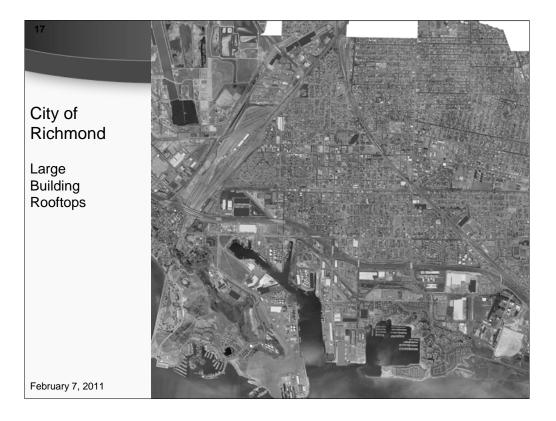
Stakeholders & Targeted Sites



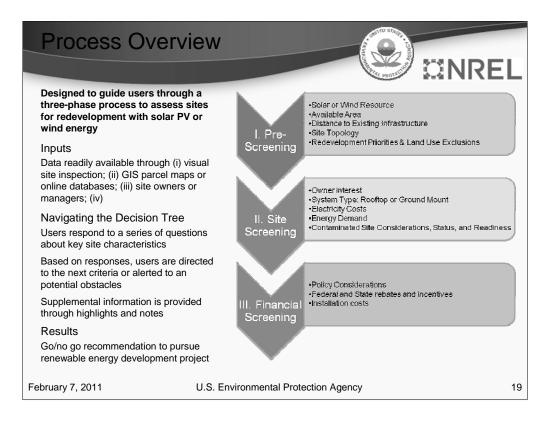
Needs & Objec	tives	L
Fills a knowled	dge gap	
 To address o 	leadership role for local governments pportunities in the community for both privately- licly-owned sites	
process short – Aim is to narr	aightforward, step-by-step screening of a detailed site-specific assessment ow the field to good candidate sites for hergy based on technical and economic eria	
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High-Level Phases

Pre-Screening

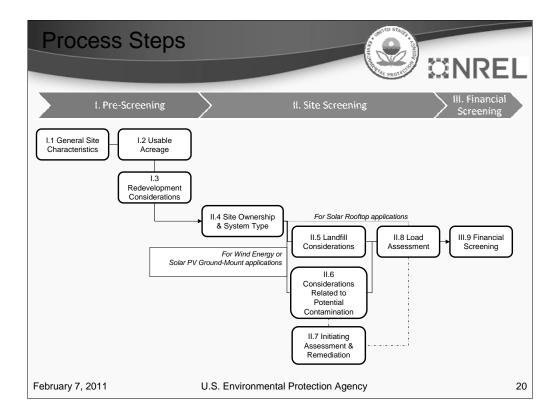
Addresses data readily available through GIS parcel maps and online databases, as well as information that can be easily obtained through visual inspection

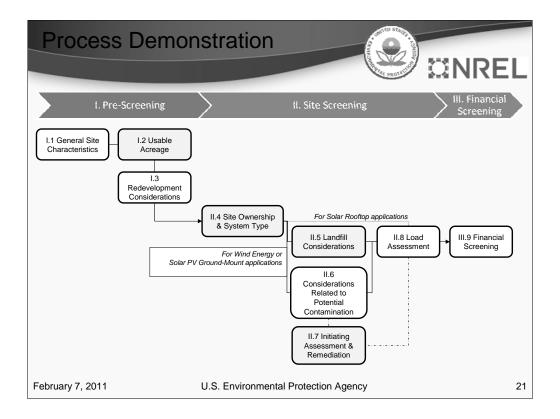
Site Screening

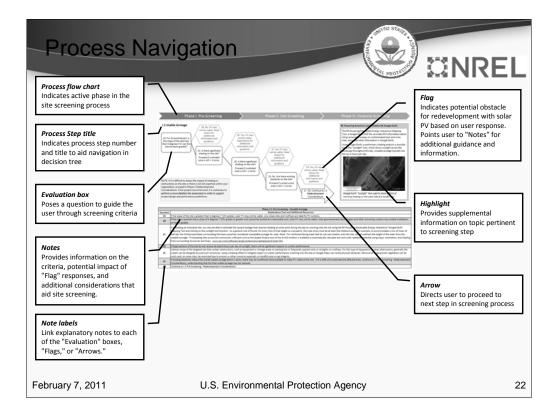
Addresses data that generally requires collecting information from property owners or site managers. May also require site-level investigation, potentially using specialized tools or equipment.

Financial Screening

Addresses economic, policy, and incentive factors that further influence payback.







Sample Site

Location: Ulster, NY Historical Use: Industrial / manufacturing Contamination: Groundwater plume

Technologies of interest:

Solar

• Wind

Application:

Ground-mount: Solar PV or Wind

Rooftop: Solar PV

Current Status:

Pump & Treat in place

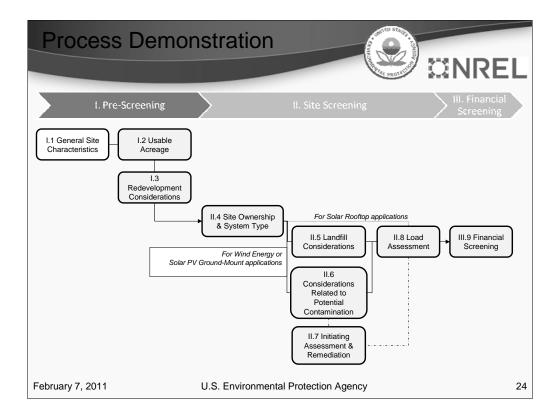
• Existing buildings partially in use

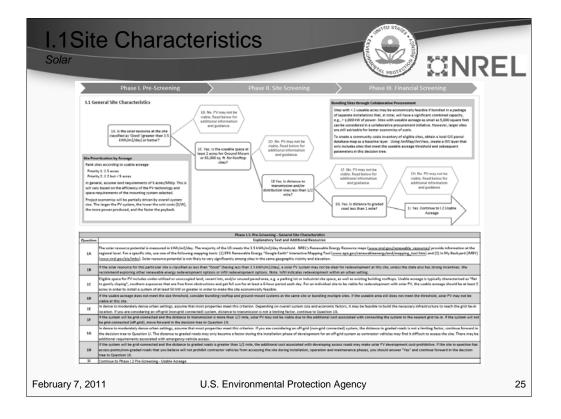


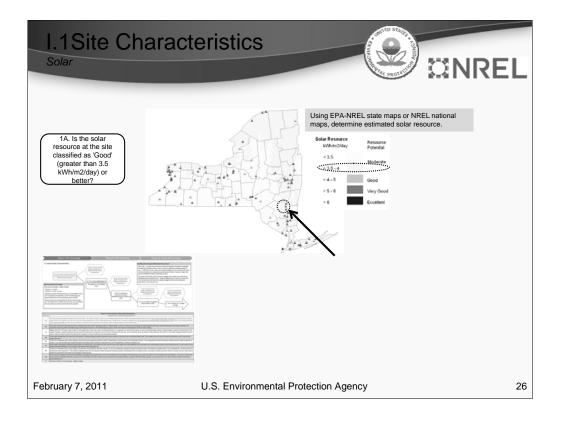
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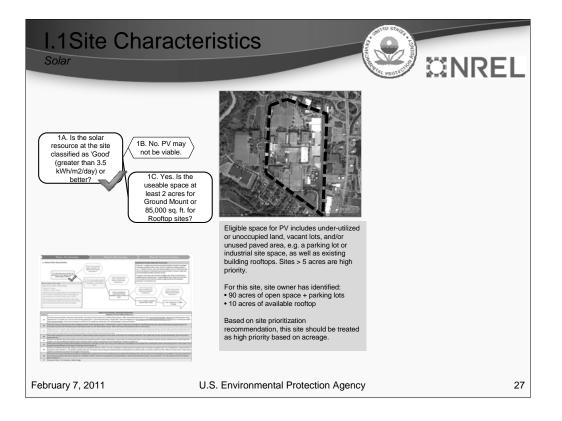
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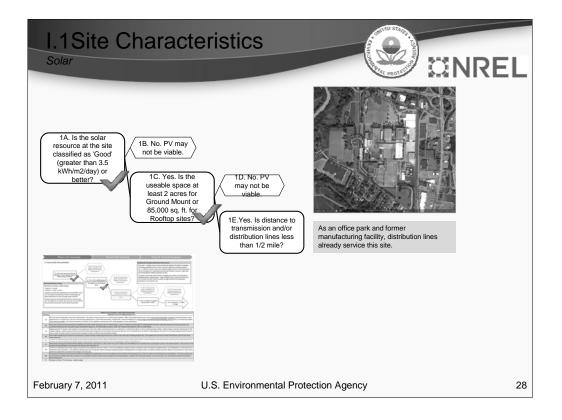
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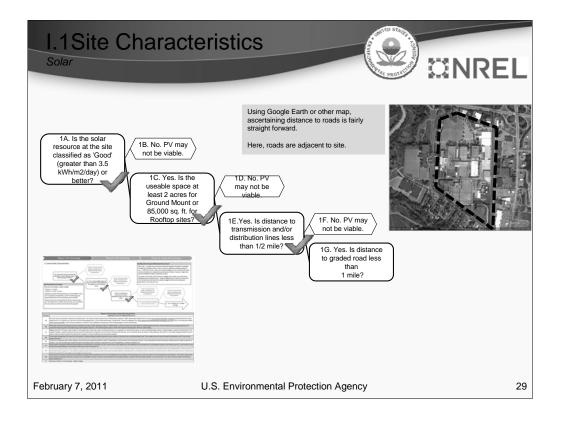


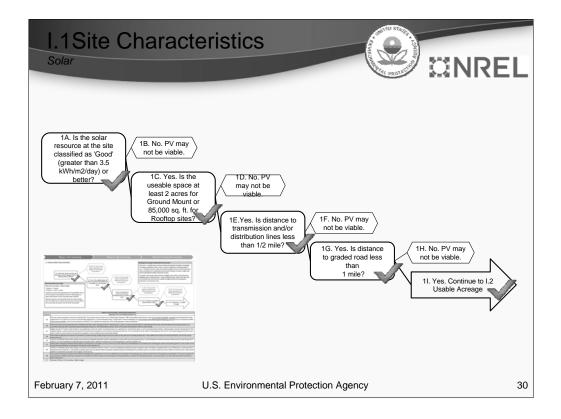


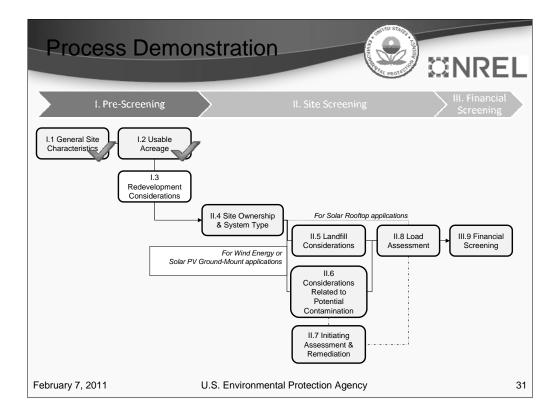


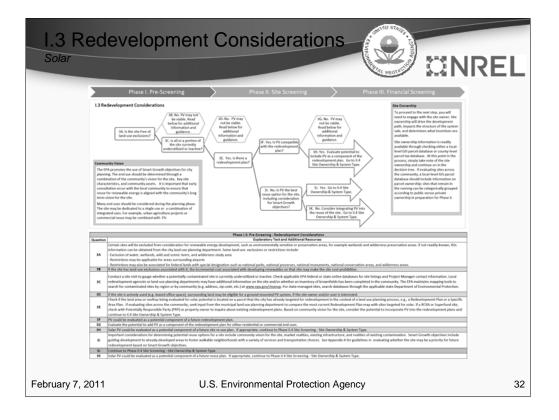




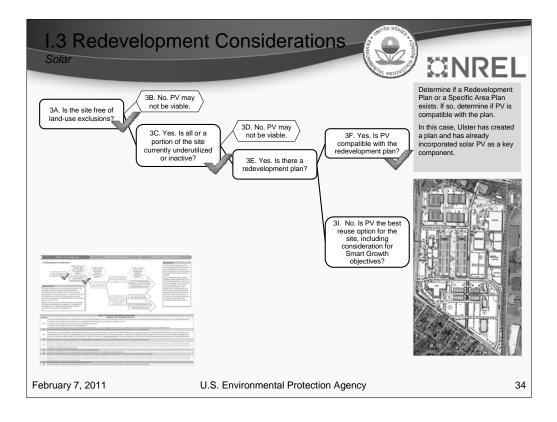




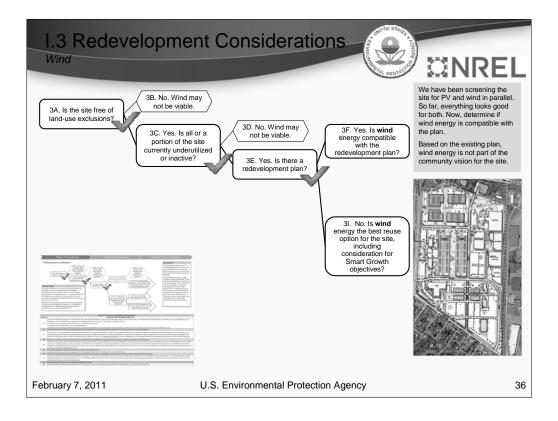


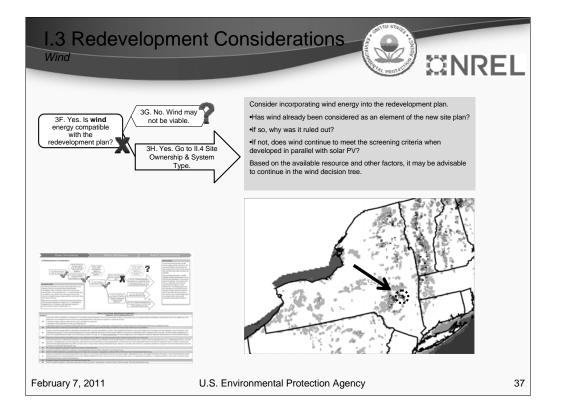


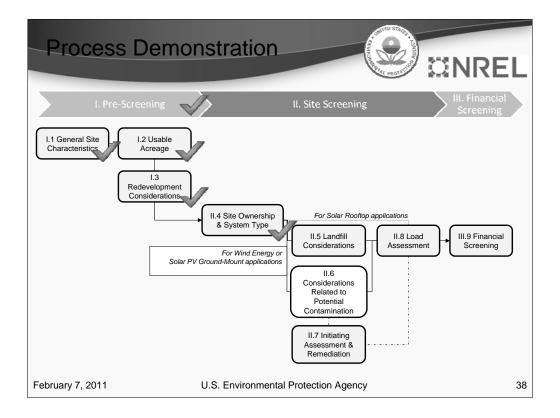
I.3 Redeve	elopment Considera	tions	REL
3A. Is the site free of	Some land-use exclusions or restrictions include:		
land-use exclusions?	•Exclusion of water, wetlands, wild and scenic rivers, and wilderness study area		
	 Restrictions may be applicable for areas surrounding airports 		
	Restrictions may also be associated for federal lands with special designation such as national parks, national monuments, national conservation areas, and wilderness areas		
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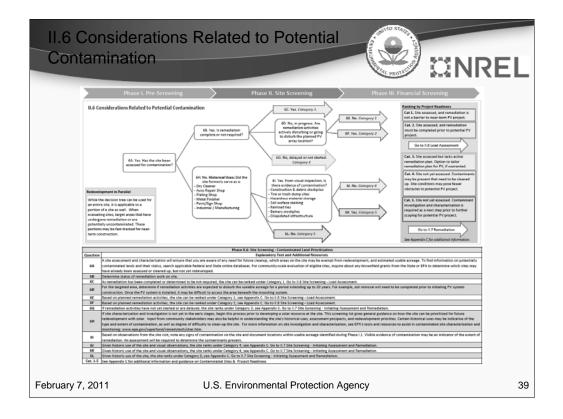


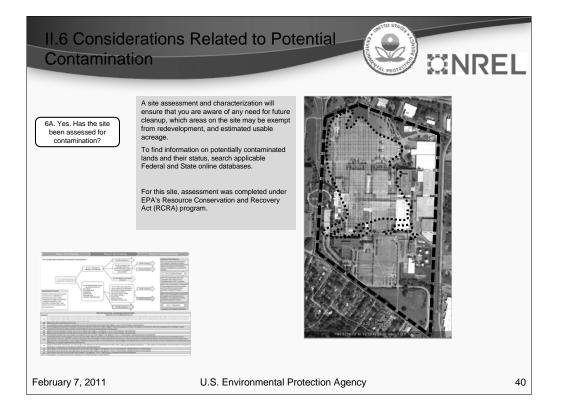
Smart Growth Objectives View ©NREL Appendix A. Criteria for Smart Growth Objectives "Yes" Rating "Yes" Rating Criteria Teer's Location 1,3 site located < 1,2 mile from existing water & sever infrastructure?</td> G Location 1,4 mile from existing water & sever infrastructure? G Lis site located < 1,2 mile from existing water & sever infrastructure?</td> G Lis state located is an interconnected road system or on an existing street that E/G Lis the located is an interconnected road system or on an existing street that E/G Indicators of inneconnected road system indue for penet street there interconnected road system indue for penet street Interconnect and system indue for existing street that E/G Interconnect and system indue for penet street there are a predominance of cuid-to system indue for a system street Interconnect and system indue for additions of in interconnect and system indue for additions of in a interconnect and system indue for additions of interconnect and system interect additions of interco Criteria IX. Bike Route IX. Bike Route I. Is there an existing bike route < 1/4 mile from the site?</p> 2. Is there an existing bike route > 1/4 mile but < 3/4 mile from the site?</p> X. Community revitalization area E I. Is the site located along a commercial strip corridor undergoing a local planning revitalization process or restructuring review? G 2. If the answer to 1 is YES, is the site also located at or close to a crossroad dentified in the local planning process or in an economic market analysis as particularly favorable to retail development, i.e., a "retail centered location" Е as we measure to use systems have a preasminance of cul-de-socs and few parallel routes. II. Walkability (continuous sidewalk) L. Is there a continuous existing, walkable sidewalk within 1/8 mille radius of the site? E Ine? 2. Is there a walkable sidewalk within a 1/4 mile radius of the site (even if not mmediately adjacent to the site)? **V. Walkabling (block site)** 1. Is the block site (distance between intersections) within a X mile radius of he site < 400 feet long (or, for non-rectangular block, is, the total perimeter of therest ording the site no greater than 1800 feet)? **V. Transk Freedry** G E/G streets: VII. Public/Open Spaces L: sa park or other public space located < 1/8 mile from the site? L: sa park or other public space located > 1/8 mile from but < 1/2 mile from the site? G the site? Will.Access to major institutions Life major dity social, retail, commercial, and other (schools, churches, etc.) occards 1/4 mile from the site? 2. Are major institutions generally located > 1/4 mile but < 3/4 mile or less from the site? E G February 7, 2011 U.S. Environmental Protection Agency 35

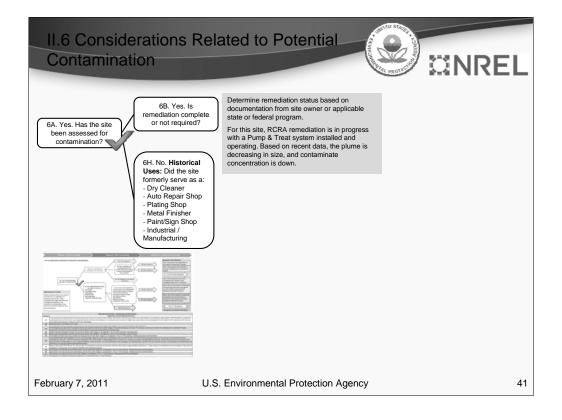


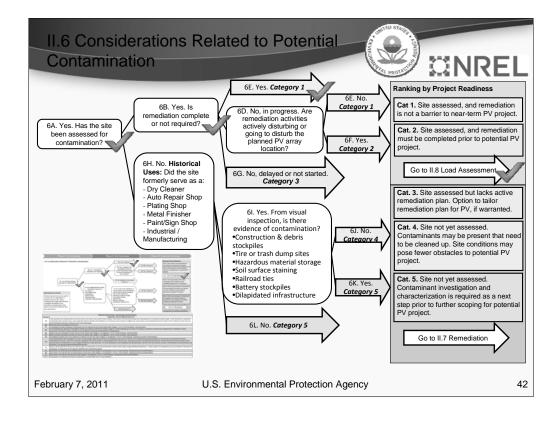


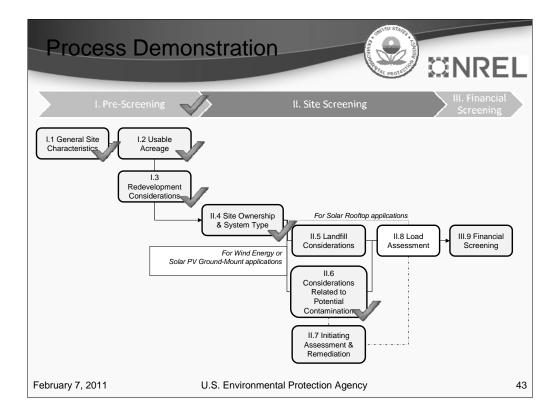


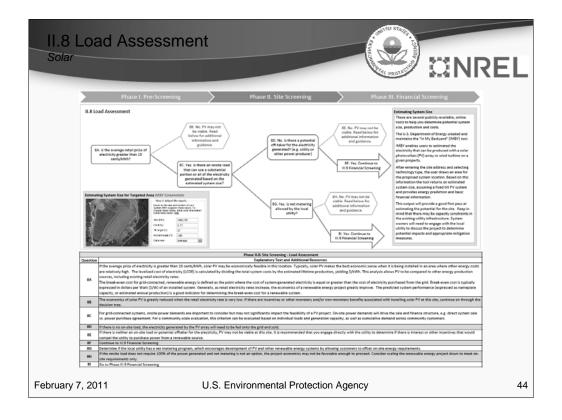




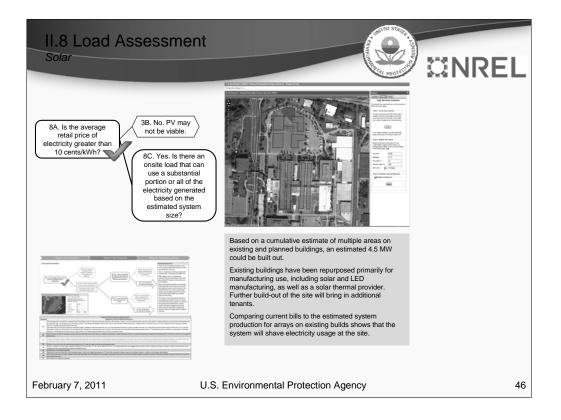


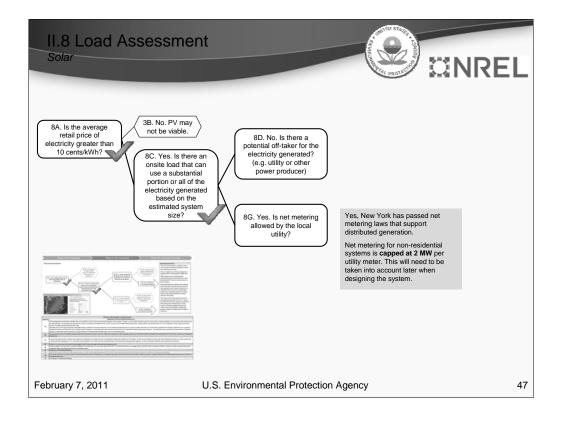


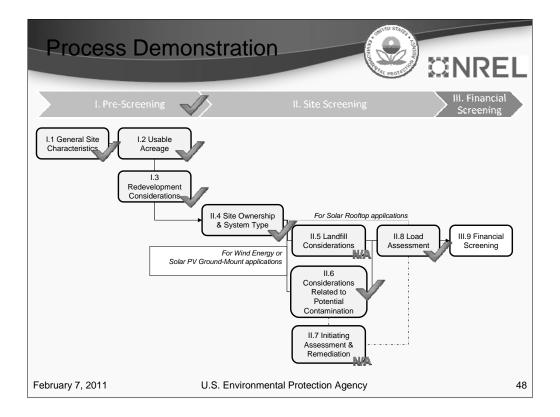


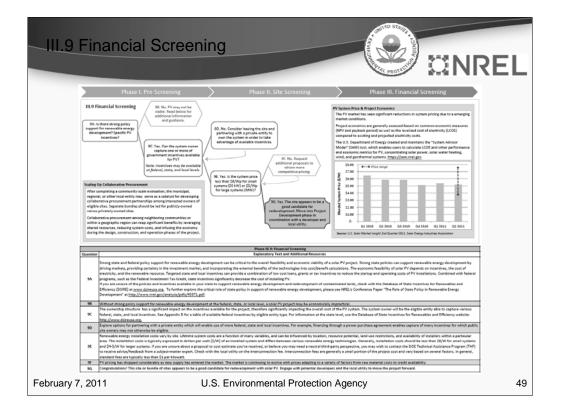


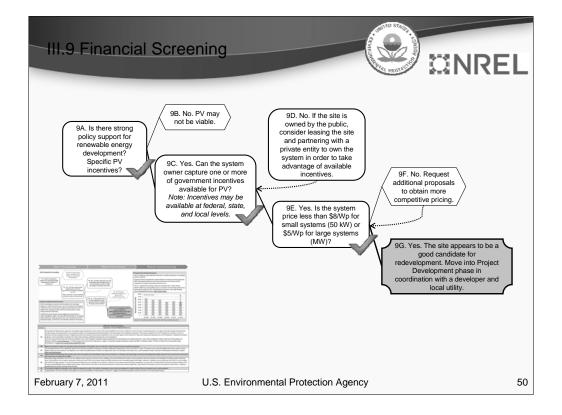
II.8 Load Assessme Solar	nt Control of the second	
	t electric bills, the re paying between	
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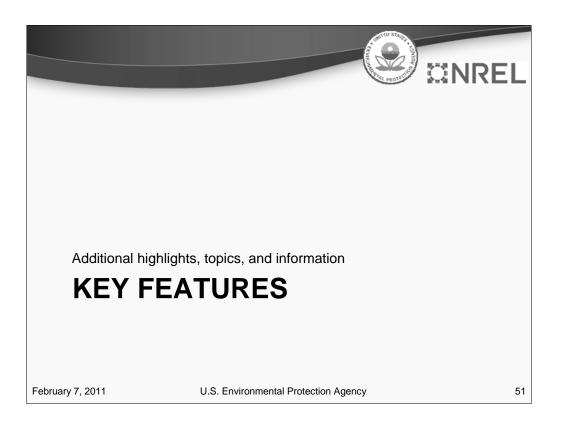


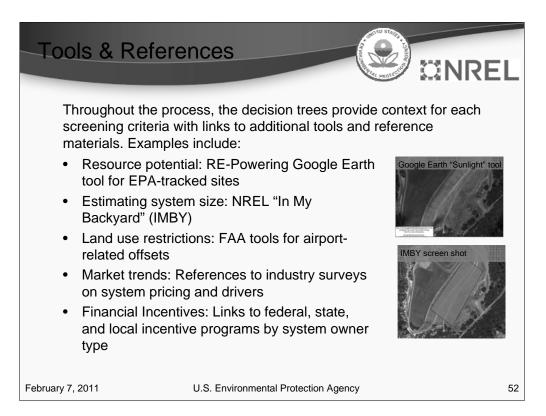


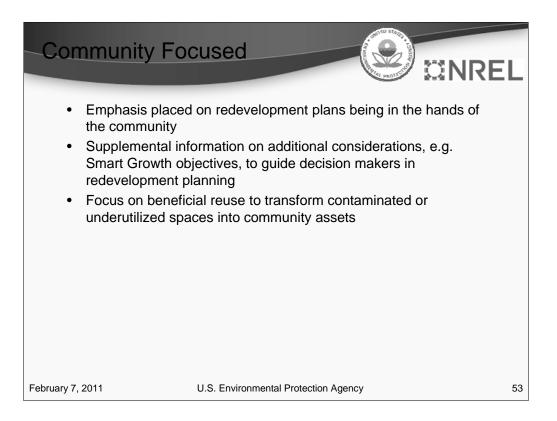




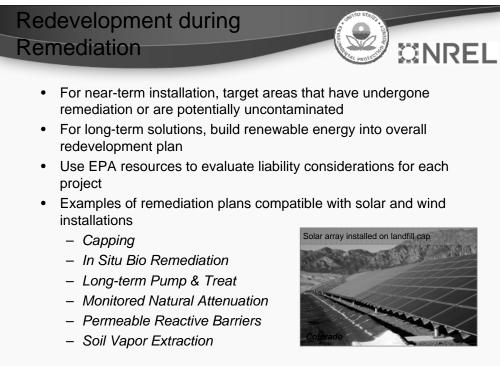








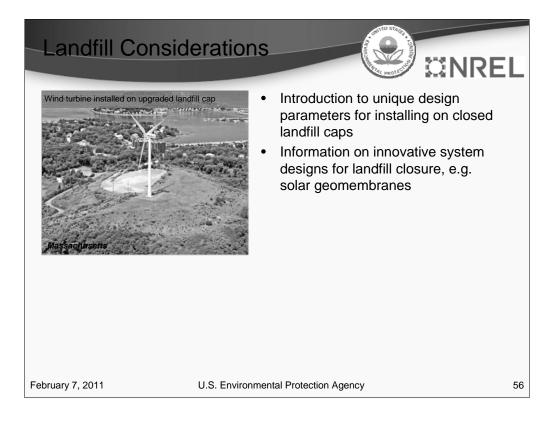
Innovative Proc Financing	curement &		
Building on success potential for Site Bu		•	vard
Potential Benefits in •Reduced overhead Management at loca •Streamlined permit • Economies of scal • Reduced engineer • Mitigating impact of	I associated with R al level iting le for procurement ring time	FI/RFP and Project	t
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Acknowledgem	nents	ĒL
and local governme	aborated to develop new tools to guide state ents and other stakeholders through a process for their suitability for future redevelopment with PV) or wind energy.	
•	ts ongoing collaboration between EPA Region 9, and NREL's Technical Assistance	
	the City of Richmond for serving as a pilot ne development of the solar decision tree.	
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Comments & F Requested by February 16, 20		L
	-	
Follow-up comments ar	ommunities interested in beta testing the tools. nd suggestions can be sent via email to Shea ing America's Land team at <i>jones.shea@epa.gov</i>	
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