

## Proposed Decision Tree<sup>1</sup>

One-time opportunity for solar (“PV”) applications to propose the addition of an Energy Storage System (“ESS”) paired with the original PV application through March 31, 2020:

Storage Coupling	Type of Change Requested	To Request a Change by March 31, 2020:	Implications
<b>A. Direct Current (“DC”)-Coupled:</b> Requires Company review of Customer documents to confirm that proposed changes conform to that listed in <i>Type of Change Requested</i> column	<b>A.1.</b> No changes to site diagram, line diagram, or equipment, except adding ESS on DC side of inverter to maximize solar production in shoulder hours. An operating schedule of the ESS will be required.	Submit updated line diagram, data and manufacturer’s cutsheet for new ESS equipment	<ul style="list-style-type: none"> <li>No re-study required</li> <li>Queue position not impacted</li> </ul>
	<b>A.2.</b> In-kind equipment changes, such as inverter manufacturer change. Minor site diagram or line diagram changes that do not modify the original studies electrical operating characteristics.	Resubmit all technical details required for application submission including ESS modifications	
	<b>A.3.</b> Any other DC-Coupled changes (e.g. power output timing, transformer, or grounding methodology). In addition, if the operation of the ESS in order to participate in the wholesale market at the ISO New England will cause the ESS to operate differently than simply to maximize solar production in shoulder hours. An operating schedule for the ESS will be required.	Resubmit all technical details required for application submission including ESS modifications	<ul style="list-style-type: none"> <li>Re-study required, which will identify necessary System Modifications</li> <li>Queue position not impacted</li> </ul>
<b>B. Alternating Current (“AC”)-Coupled:</b> Automatically requires re-study due to the impact of AC-Coupled system on the engineering analysis & impact on others in the queue	<b>B.1.</b> Any addition of AC-Coupled storage where PV site and/or electrical designs remain <i>unchanged</i>	Maintain existing PV application. Submit a new interconnection application for ESS addition	<ul style="list-style-type: none"> <li>PV queue position not impacted (if it progresses as per tariff &amp; interconnection service agreement timelines)</li> <li>ESS application to be processed separately, with new queue position. New System Impact Study required for ESS evaluation.</li> </ul>
	<b>B.2.</b> Any addition of AC-Coupled storage where PV site and/or electrical designs <i>change</i>	Withdraw existing PV application & submit a new interconnection application for paired PV & ESS	<ul style="list-style-type: none"> <li>PV &amp; ESS start from the beginning of the normal application process</li> <li>PV application loses initial queue position</li> </ul>

**Note:** All re-studies will be based on current EPS configuration and applications in the queue (even if queue position is maintained).

<sup>1</sup> Upon submission of an application to add ESS, the electric distribution company (“EDC”) will acknowledge receipt of the application within 3 business days. The EDC will then have 10 business days after receipt of the application to review the application for completeness.