TEAC Committee
ComEd Supplemental Project

March 10, 2020
Needs

Stakeholders must submit any comments within 10 days of this meeting in order to provide time necessary to consider these comments prior to the next phase of the M-3 process.
Need Number: ComEd-2020-001
Process Stage: Need Meeting 3/10/2020
Project Driver:
Equipment Material Condition, Performance and Risk
Specific Assumption Reference:
Transmission infrastructure replacements (EOL/condition/obsolescence) that are consistent with efficient asset management decisions
Problem Statement:
Lisle 345/138 kV Transformer #83 acoustic testing shows higher than expected vibration levels and increased frequencies associated with looseness in the core/coil assembly.
• Looseness has worsened since previous testing
• Shell form design that cannot be re-blocked
• Dissolved gas analysis shows insulation degradation.
• Last unit of 5 that were purchased with this design. 3 of the 5 failed catastrophically and one other was condemned before failure.
Appendix
## High Level M-3 Meeting Schedule

<table>
<thead>
<tr>
<th>Assumptions</th>
<th>Activity</th>
<th>Timing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Posting TO Assumptions Meeting information</td>
<td>20 days before Assumptions Meeting</td>
</tr>
<tr>
<td></td>
<td>Stakeholder comments</td>
<td>10 days after Assumptions Meeting</td>
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<tr>
<td>Needs</td>
<td>TOs and Stakeholders Post Needs Meeting slides</td>
<td>10 days before Needs Meeting</td>
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<tr>
<td></td>
<td>Stakeholder comments</td>
<td>10 days after Needs Meeting</td>
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<tr>
<td>Solutions</td>
<td>TOs and Stakeholders Post Solutions Meeting slides</td>
<td>10 days before Solutions Meeting</td>
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<td></td>
<td>Stakeholder comments</td>
<td>10 days after Solutions Meeting</td>
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<tr>
<td></td>
<td>Do No Harm (DNH) analysis for selected solution</td>
<td>Prior to posting selected solution</td>
</tr>
<tr>
<td></td>
<td>Post selected solution(s)</td>
<td>Following completion of DNH analysis</td>
</tr>
<tr>
<td></td>
<td>Stakeholder comments</td>
<td>10 days prior to Local Plan Submission for integration into RTEP</td>
</tr>
<tr>
<td></td>
<td>Local Plan submitted to PJM for integration into RTEP</td>
<td>Following review and consideration of comments received after posting of selected solutions</td>
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</tbody>
</table>

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Revision History

2/27/2020 – V1 – Original version posted to pjm.com
3/10/2020 – V2 – Slide #3, Correct Need Meeting date