



Transmission Cost Information Center (TCIC) Replacement

As of August 16, 2022

TCIC Replacement* allows PJM members to understand current transmission costs and estimate future ones.

*Name TBD

Key Product Features

- Web application to replace large excel document
- Reduce manual processes
- Avoid human errors
- Streamline internal and external data exchange
- Enhance posting/Data alignment
- Improve user experience

ABC Company

Estimated Summary by Zone			
RTEP Baseline and Supplemental Upgrades		TO Formula Rates	
Future Billing Period	May 2022	Responsible Zone	ATSI
		Search	Clear
Monthly Zonal Transmission Charges			
<input checked="" type="radio"/> View by \$ <input type="radio"/> View by \$/MW			
May 2022			
Links & References Export to Excel			
Charge Type	Current	Future	Incremental
RTEP Baseline Upgrades ⓘ	\$6,002,753	\$6,002,753	\$6,002,753
Constructed by local Transmission Owner ⓘ	\$3,548,521	\$3,548,521	\$3,548,521
Cost Allocation = 100% ⓘ	\$3,049,731	\$3,049,731	\$3,049,731
Cost Allocation < 100% ⓘ	\$498,791	\$498,791	\$498,791
Not Constructed by local Transmission Owner ⓘ	\$2,454,232	\$2,454,232	\$2,454,232
Supplemental Upgrades ⓘ	\$3,518,670	\$3,518,670	\$3,518,670
Residual Transmission Facilities	\$6,832,389	\$6,832,389	\$6,832,389

ABC Company

Estimated Summary by Zone		RTEP Baseline and Supplemental Upgrades		TO Formula Rates							
General Information		Cost Allocation									
RTEP Baseline and Supplemental Upgrades											
Responsible Zone: <input type="text" value="ATSI"/> <input type="button" value="Search"/> <input type="button" value="Clear"/>											
Links & References Export to Excel											
Upgrade ID	Description	TO	Status	In-Service Date	Initial TEAC Date	Latest TEAC Date	Initial Cost Estimate (\$M)	Latest Cost Estimate (\$M)	Driver	Board Approval Date	% Complete
b0002	Increase emergency rating of Windy Edge - Lakespring - Texas 115 kV	AEP	IS	1/1/2006	5/9/2007	4/28/2015	\$1.001	\$136.50	Equipment Material Condition, Performance and Risk	12/5/2012	100.00%
b0004	Increase rating of Collins - Cly Tap - Newberry - Round Top 115 kV	AEP	IS	4/1/2002	5/9/2007	4/28/2015	\$0.100	\$0.26	Equipment Material Condition, Performance and Risk	12/5/2012	100.00%
b0005	Upgrade two 230 kV breakers at Whitpain #235 and #325	AEP	IS	1/1/2006	5/9/2007	4/28/2015	\$0.100	\$0.27	Equipment Material Condition, Performance and Risk	5/17/2012	100.00%
b0008	Install 2-12 MVAR capacitors at Mansfield 115 kV	AEP	IS	5/30/2003	8/22/2007	4/28/2015	\$0.200	\$94.80	Equipment Material Condition, Performance and Risk	5/17/2012	3.00%
b0009	Loop 230 kV into North Meshoppen install second 230/115 kV	AEP	EP	10/27/2003	8/22/2007	4/28/2015	\$0.100	\$65.00	Operational Flexibility and Efficiency	5/17/2012	100.00%
s1065.4	Establish Yost Bridge 69KV station to better serve customer load....	AEP	IS	6/1/2017	8/22/2007	4/28/2015	\$0.000	\$2.00	Infrastructure Resilience	5/17/2012	100.00%
s1488.2	Rebuild the 1.6-mile radial tap to Lock 17 station as a double-circuit 69kV loop...	AEP	IS	11/16/2016	8/22/2007	4/28/2015	\$0.000	\$24.54	Infrastructure Resilience	5/17/2012	0.00%

ABC Company

Estimated Summary by Zone




RTEP Baseline and Supplemental Upgrades

TO Formula Rates

TO Formula Rates

[Links & References](#) | [Export to Excel](#)

TO	PJM OATT NITS Rate Attachment	Estimated Useful Life (years)	Carrying Charge	Rate Year	Weighted Cost of Debt	Weighted Cost of Preferred Stock	Weighted Cost of Common Stock	Tax Rate	Post Tax WACC
AEC	H-1	35	8.82%	6/1/2021 - 5/31/2022	2.20%	0.00%	5.25%	28.11%	6.83%
BGE	H-2	44	12.28%	6/1/2021 - 5/31/2022	1.83%	0.00%	5.52%	27.52%	6.84%
Dayton	H-4	48	9.77%	1/1/2023 - 12/31/2023	2.30%	0.00%	5.08%	27.34%	6.75%

Action Required	Deadline	Who May Be Affected
<p>Awareness</p> 	<p>On-going</p> 	<p>Anyone who uses the TCIC on PJM.com Project Status and Cost Allocation Page</p> 

2022

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Development and Testing								●	Development and Testing		◆
UAT											
Cutover to New Tool											

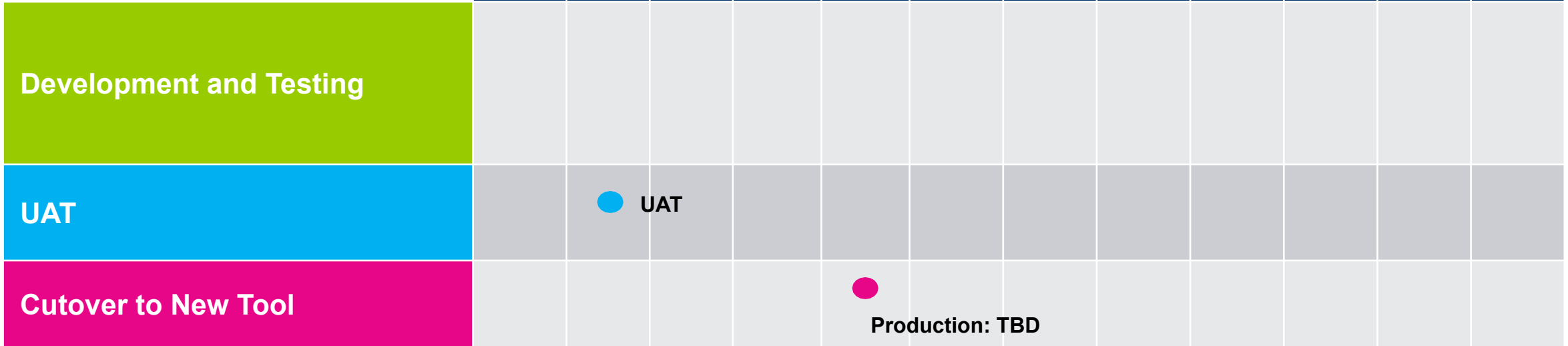
Legend

- Start Date
- ◆ End Date



2023

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----



Legend

- Start Date
- ◆ End Date



Facilitator:

Todd Keech, Todd.Keech@pjm.com

Secretary:

Risa Holland, Risa.Holland@pjm.com

Presenter:

Kimberly Brockmeyer

Kimberly.Brockmeyer@pjm.com

SME:

Grace Niu

Grace.Niu@pjm.com

TCIC Replacement Tool



Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com



Product Details

- Location of current TCIC - <https://pjm.com/planning/project-construction>
- Questions or comments regarding TCIC should be sent to Kimberly.Brockmeyer@pjm.com

- TEAC Slides for TCIC Replacement Tool - <https://www.pjm.com/-/media/committees-groups/committees/teac/2022/20220712/item-11---tcic-automation.ashx>