



Designated Entity Design Standards Task Force

February 23, 2016

Poll Questions

* Of the options listed below, please rank the options for design standards that you perceive as the best direction to move forward with in order of preference, using 1 for your most-preferred, and 8 for your least-preferred.

<input type="checkbox"/>	Begin with a straw-man document - Use existing TSS guidelines and Manual 07 documents as a base
<input type="checkbox"/>	Begin with a straw-man document - Use existing Transmission Owner Engineering & Construction Standards as a base
<input type="checkbox"/>	Begin with a straw-man document - Use MISO minimum design standards as a base
<input type="checkbox"/>	Begin with a straw-man document - Use SPP minimum design standards as a base
<input type="checkbox"/>	Develop design standards from scratch
<input type="checkbox"/>	Establish the TSS guidelines and Manual 07 standards (as is) as the minimum design standards
<input type="checkbox"/>	Existing PJM documents are adequate; no changes needed. This is the status quo position - each Transmission Owner/Developer continues to use their own standards.
<input type="checkbox"/>	Other (In the additional comments section at the end of this Poll, please elaborate on a direction other than those listed above that you believe is the best course of action with regard to design standards).

* Which process do you prefer as a Task Force to review, evaluate, and develop minimum design standards?

- Form three member led subgroups (Substations, Lines & Protection) to develop the minimum design standards
- Form one member led subgroup (with representation for Substations, Lines & Protection) to develop the minimum design standards









Poll Results



Poll Options and Raw Data

A	Begin with a straw-man document - Use existing TSS guidelines and Manual 07 documents as a base
B	Begin with a straw-man document - Use existing Transmission Owner Engineering & Construction Standards as a base
C	Begin with a straw-man document - Use MISO minimum design standards as a base
D	Begin with a straw-man document - Use SPP minimum design standards as a base
E	Develop design standards from scratch
F	Establish the TSS guidelines and Manual 07 standards (as is) as the minimum design standards
G	Existing PJM documents are adequate; no changes needed. This is the status quo position - each Transmission Owner/Developer continues to use their own standards
H	Other (In the additional comments section at the end of this Poll, please elaborate on a direction other than those listed above that you believe is the best course of action with regard to design standards).

Rank/Options	A	B	C	D	E	F	G	H
1 (Highest)	24	2	0	16	4	0	12	6
2	21	23	1	7	1	11	0	0
3	8	1	23	20	1	0	0	11
4	11	26	2	2	22	1	0	0
5	0	1	11	1	35	16	0	0
6	0	11	0	7	0	25	1	20
7	0	0	16	11	1	5	29	2
8 (Lowest)	0	0	11	0	0	6	22	25

Rank/Option	A	Weighted score	B	Weighted score	C	Weighted score	D	Weighted score	E	Weighted score	F	Weighted score	G	Weighted score	H	Weighted score
1	24	192	2	16	0	0	16	128	4	32	0	0	12	96	6	48
2	21	147	23	161	1	7	7	49	1	7	11	77	0	0	0	0
3	8	48	1	6	23	138	20	120	1	6	0	0	0	0	11	66
4	11	55	26	130	2	10	2	10	22	110	1	5	0	0	0	0
5	0	0	1	4	11	44	1	4	35	140	16	64	0	0	0	0
6	0	0	11	33	0	0	7	21	0	0	25	75	1	3	20	60
7	0	0	0	0	16	32	11	22	1	2	5	10	29	58	2	4
8	0	0	0	0	11	11	0	0	0	0	6	6	22	22	25	25
Weighted sum		 442		 350		 242		 354		 297		 237		 179		 203

Weighted Sum = Raw Score*(9-Rank)

i.e. $192=24*(8)$

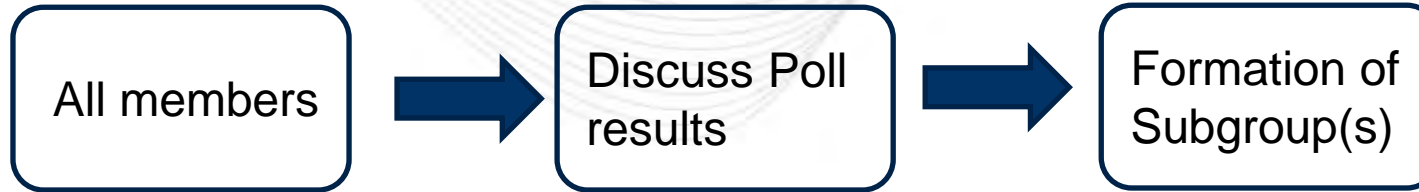
$147=21*(7)$

Rank/Option	A	B	C	D	E	F	G	H
1 (Highest)	24	2	0	16	4	0	12	6
2	21	23	1	7	1	11	0	0
3	8	1	23	20	1	0	0	11
4	11	26	2	2	22	1	0	0
5	0	1	11	1	35	16	0	0
6	0	11	0	7	0	25	1	20
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Weighted sum	442	350	242	354	297	237	179	203

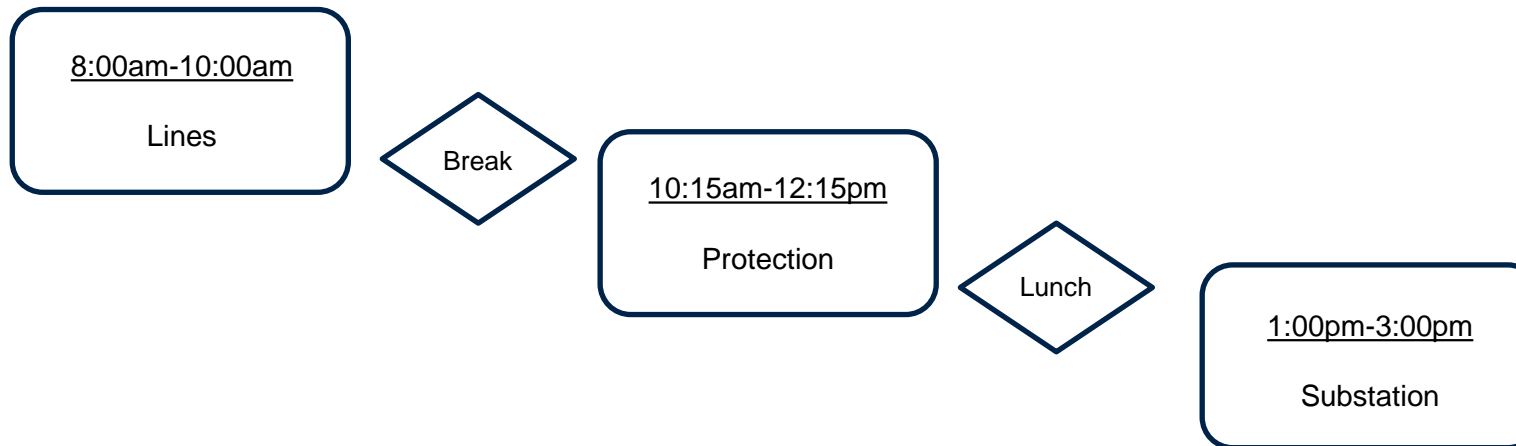
Which process do you prefer as a Task Force to review, evaluate, and develop minimum design standards?	
Form three member led subgroups (Substations, Lines & Protection) to develop the minimum design standards	38
Form one member led subgroup (with representation for Substations, Lines & Protection) to develop the minimum design standards	26

Next Steps

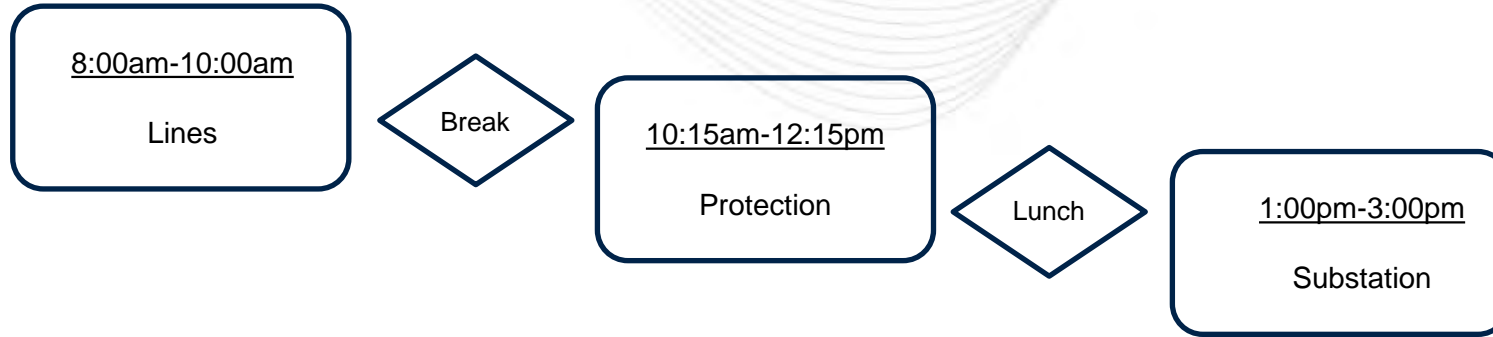
February 23rd: 9am – 12pm



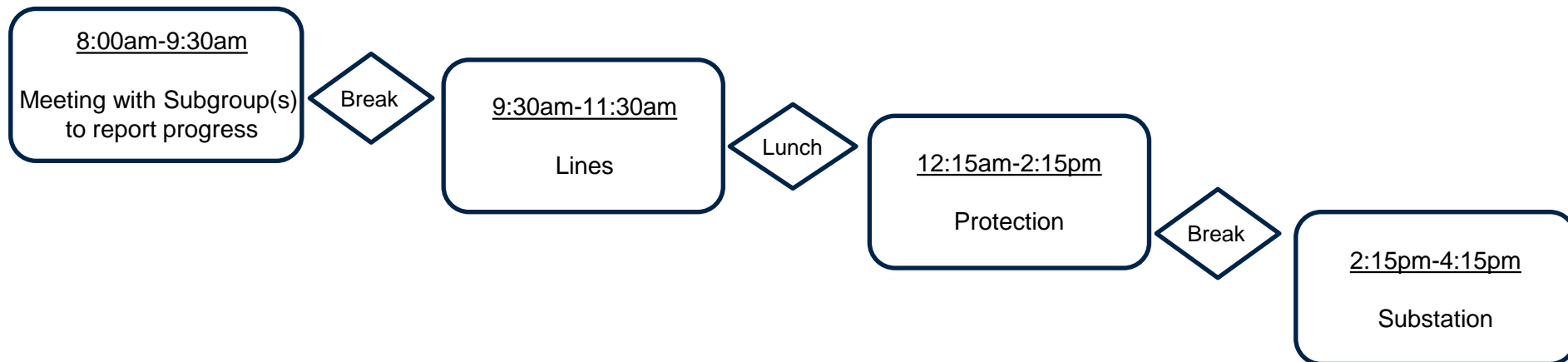
March 22nd: Extend scheduled 9am -12pm meeting duration to allow Subgroup(s) to meet for ~2 hours
In person or web only meetings – Decision of Subgroup(s)



April 14th: Similar format as March 22nd meeting



May 16th: Include a “report progress” meeting with all members



Questions?