

Actual Peak Demand and Forecast Peak Demand Differences

Line	(a)	(b)	(c)	(d)	(e)	(f)
		PY 20	PY 20	PY 20	PY 20	
		-20	-20	-20	-20	
Service Territory						
1	Forecast Non-Coincident Peak Demand, MW					
2	Actual Non-Coincident Peak Demand, MW					
3	Difference, %	-	-	-	-	
Coincident to RTO/ISO						
4	Forecast Coincident Peak Demand, MW					
5	Actual Coincident Peak Demand, MW					
6	Difference, %	-	-	-	-	

Notes:

If the actual demand was more than 3% above or below the forecasted demand for the most recent planning year, provide an explanation in column (f) for the difference
 Exclude transmission losses
 Include distribution losses

Forecast Peak Demand

Line	(a)	(b)	(c)	(d)	(e)
		PY 20 -20	PY 20 -20	PY 20 -20	PY 20 -20
Forecast Peak Demand					
1	Service Territory Non-Coincident Peak Demand, MW				
2	Coincident Peak Demand to RTO/ISO, MW				
Energy Efficiency Adjustments Included in Forecast Peak Demand					
3	Service Territory Non-Coincident Peak Demand, MW				
4	Coincident Peak Demand to RTO/ISO, MW				

Notes:

- Carry totals to Ex. 3 Planning Resources
- Provide actual values where available
- Do not adjust for demand response resources - those adjustments will be accounted for in Ex. 3 Planning Resources
- Exclude transmission losses
- Include distribution losses
- Any adjustments based on demand-side resources will be clearly delineated by resource type by season and by year for the service territory

Planning Reserve Margin Required Capacity and Planning Resources

Line	(a)	(b)		(c)		(d)		(e)	
		PY 20	-20	PY 20	-20	PY 20	-20	PY 20	-20
36	Company Owned, In-State, BTMG, MW	-	-	-	-	-	-	-	-
37	Company Owned, Out-of-State, BTMG, MW	-	-	-	-	-	-	-	-
38	System Capacity Sales, MW								
39	Total Planned Company Owned Capacity Resources Sold, MW (sum of lines 34-38)	-	-	-	-	-	-	-	-
Planned Contracted Capacity Resources (from Ex. 7)									
40	PPA, In-State, MW	-	-	-	-	-	-	-	-
41	PPA, Out-of-State, MW	-	-	-	-	-	-	-	-
42	PPA, In-State, BTMG, MW	-	-	-	-	-	-	-	-
43	PPA, Out-of-State, BTMG, MW	-	-	-	-	-	-	-	-
44	Other Bilateral Contract, In-State, MW	-	-	-	-	-	-	-	-
45	Other Bilateral Contract, Out-of-State, MW	-	-	-	-	-	-	-	-
46	System Capacity Purchases, MW								
47	Total Planned Contracted Capacity Resources, MW (sum of lines 40-46)	-	-	-	-	-	-	-	-
Other Capacity Resources									
48	Auction Purchases, Executed, MW								
49	Auction Purchases, Planned, MW								
50	Demand Response Resources (treated as capacity, from Ex. 4), MW	-	-	-	-	-	-	-	-
51	Total Other Capacity Resources, MW (line 48 + line 50)	-	-	-	-	-	-	-	-
52	Total Planned Other Capacity Resources, MW (line 49)	-	-	-	-	-	-	-	-
Transmission Limitations (from Ex. 8)									
53	Total Unavailable Capacity included on Ex. 5, MW	-	-	-	-	-	-	-	-
Planning Resources Summary									
54	Total Capacity Resources, MW (line 14 + line 28 + line 51)	-	-	-	-	-	-	-	-
55	Total Capacity Reductions, MW (line 20 + line 53)	-	-	-	-	-	-	-	-
56	Total Planning Resources, MW (line 54 - line 55)	-	-	-	-	-	-	-	-
57	Planning Reserve Margin Required Capacity, MW (line 9)	-	-	-	-	-	-	-	-
58	Capacity Surplus/(Shortfall), Before Planned Resources, MW (line 56 - line 57)	-	-	-	-	-	-	-	-
59	Total Planned Capacity Resources, MW (line 33 + line 47 + line 52)	-	-	-	-	-	-	-	-
60	Total Planned Capacity Reductions, MW (line 39)	-	-	-	-	-	-	-	-
61	Capacity Surplus/(Shortfall), After Planned Resources, MW (line 58 + line 59 - line 60)	-	-	-	-	-	-	-	-

Notes:

Cells that require data entry on this Exhibit are outlined in red if blank

Demand Response Resources

<u>Line</u>	(a) Demand Response Resource Name	(b) Applied as Adjustment to Peak Demand? (Y/N)	(c) Treated as Capacity? (Y/N)	(d) Demand Response (MW)	(e) Credit Transmission Losses and PRM (MW)	(f) Total Demand Response (MW)
PY 20__-20__						
1						-
2						-
3						-
4						-
5						-
6						-
7						-
8						-
9						-
10						-
		Total Demand Response Applied as Adjustment to Peak Demand (MW)				-
		Total Demand Response Treated as Capacity (MW)				-
		Total Demand Response (MW)				-
PY 20__-20__						
11						-
12						-
13						-
14						-
15						-
16						-
17						-
18						-
19						-
20						-
		Total Demand Response Applied as Adjustment to Peak Demand (MW)				-
		Total Demand Response Treated as Capacity (MW)				-
		Total Demand Response (MW)				-

Demand Response Resources

<u>Line</u>	(a) Demand Response Resource Name	(b) Applied as Adjustment to Peak Demand? (Y/N)	(c) Treated as Capacity? (Y/N)	(d) Demand Response (MW)	(e) Credit Transmission Losses and PRM (MW)	(f) Total Demand Response (MW)	
PY 20__-20__							
21						-	
22						-	
23						-	
24						-	
25						-	
26						-	
27						-	
28						-	
29						-	
30						-	
		Total Demand Response Applied as Adjustment to Peak Demand (MW)					-
		Total Demand Response Treated as Capacity (MW)					-
		Total Demand Response (MW)					-
PY 20__-20__							
31						-	
32						-	
33						-	
34						-	
35						-	
36						-	
37						-	
38						-	
39						-	
40						-	
		Total Demand Response Applied as Adjustment to Peak Demand (MW)					-
		Total Demand Response Treated as Capacity (MW)					-
		Total Demand Response (MW)					-

Planned Capacity Resources

Line	Unit Name	(b) Resource Type (list all that apply)	(c) Commercial Operation Date	(d) Company Owned or Contracted?	(e) Location of Resource: MISO, SPP, Other (specify zone, if applicable)	(f) Located in Missouri? (Y/N)	(g) If Outside of MO, Contracted Transmission Service? (Y/N)	(h) BTMG? (Y/N)	(i) Other Bilateral Contract? (Y/N)	(j)-(m) Maximum Operating Capacity (MW)				(n)-(q) Estimated Total Accredited Capacity (MW)				(r) Accreditation	
										PY 20__-20__	PY 20__-20__	PY 20__-20__	PY 20__-20__	PY 20__-20__	PY 20__-20__	PY 20__-20__	PY 20__-20__	PY 20__-20__	
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Notes:
 For the Accredited Capacity Owned, include the amount of accredited capacity for which the Company has an ownership stake for the given unit
 For the Accredited Capacity Sold, include the amount of accredited capacity that the Company has sold for which the Company has an ownership stake for the given unit
 Do not include transmission limitations, these will be taken into account in Ex. 7
 Do not include demand response resources, these will be taken into account in Ex. 4

Transmission Limitations

(a) Line	(b) Unit Name	(b) Included/ Excluded	(c) (d) (e) (f) Unavailable Capacity (MW)			
			PY 20__-20__	PY 20__-20__	PY 20__-20__	PY 20__-20__
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
	Included in Ex. 5		-	-	-	-
	Excluded from Ex. 5		-	-	-	-

Notes:

Indicate whether the capacity resource was included or excluded from the Company's owned capacity resources reported on Ex. 5 Owned Resources