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Duke DR1 to NCSEA, CCEBA, and SACE et al.
Docket No. E-100, Sub 165
2020 IRP
Item No. 2-6

Request:

Please provide the summer and winter reserve margins for DEC and DEP by year for the Synapse Mimic Duke and Reasonable Assumptions scenarios.

Response:

Please see the attachment available at: https://ncsea2018.sharepoint.com/:f:/g/policy/EnnCGh7P6NdGt1nAgz_Oek8BFJLybbWkdiZmrypGGZ-4bA?e=5MdZZI

Person Providing Response: Rachel Wilson

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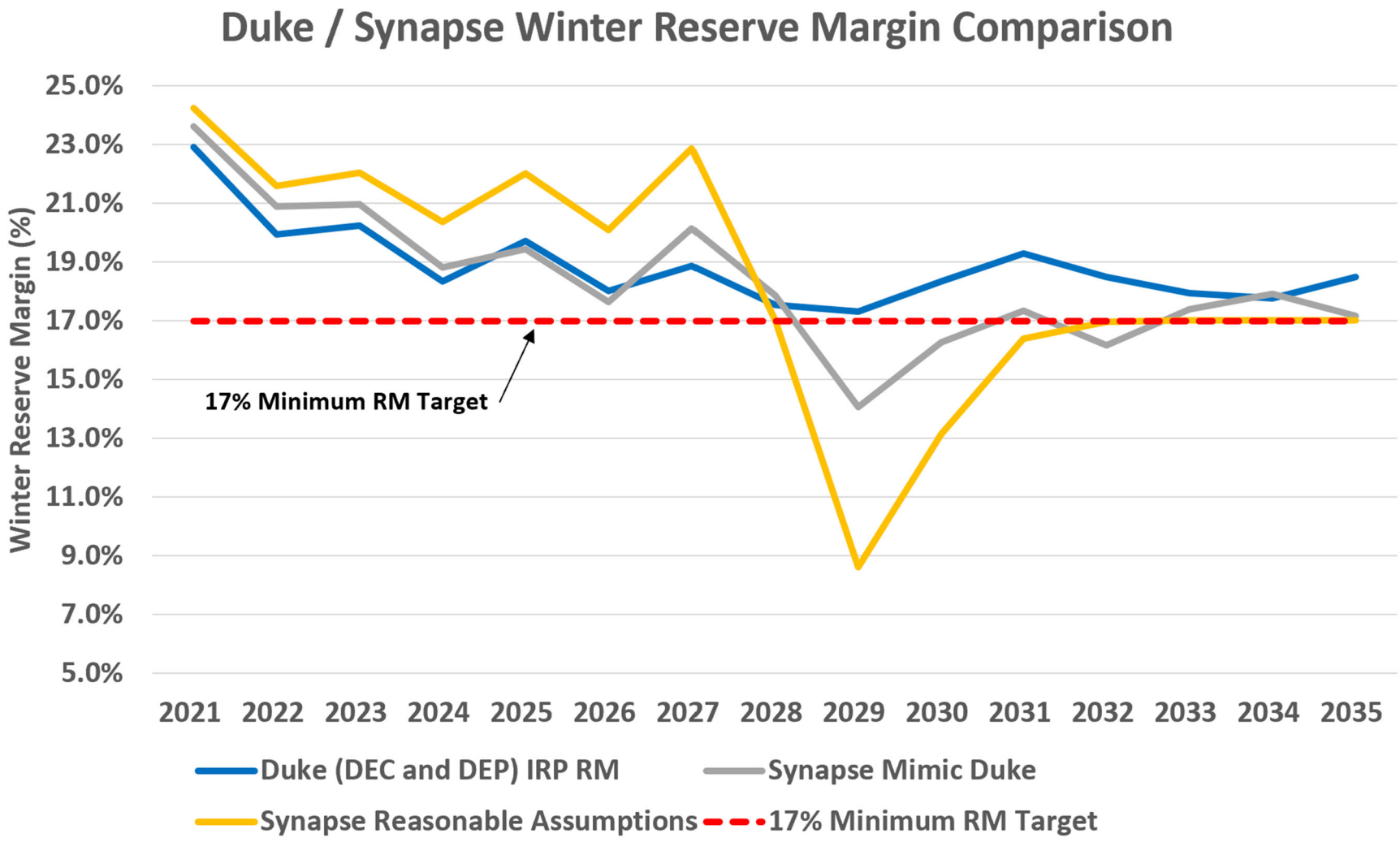
Excerpt from Excel file "Response to Duke DR 2-6, Attachment 1.xlsx" provided in response to Duke DR1 to NCSEA, CCEBA, and SACE et al., Item No. 2-6

	A	B	C	D	E	F	G	H	I
1	Scenario	Run	BA	Are	Ye	Mon	Peak (MV	Capacity (MV	Reserve Margin (%
2	MD_Island	0	Duke	Duke	2021	1	31,843.00	43,273.90	23.6
14	MD_Island	0	Duke	Duke	2022	1	31,947.00	42,530.00	20.9
26	MD_Island	0	Duke	Duke	2023	1	31,989.00	42,609.00	21.0
38	MD_Island	0	Duke	Duke	2024	1	32,252.00	42,230.00	18.8
50	MD_Island	0	Duke	Duke	2025	1	32,412.00	42,623.00	19.4
62	MD_Island	0	Duke	Duke	2026	1	32,604.00	42,266.00	17.6
74	MD_Island	0	Duke	Duke	2027	1	32,854.00	43,385.00	20.2
86	MD_Island	0	Duke	Duke	2028	1	33,120.00	42,951.00	17.9
98	MD_Island	0	Duke	Duke	2029	1	33,479.00	42,100.00	14.1
110	MD_Island	0	Duke	Duke	2030	1	33,672.00	43,058.00	16.3
122	MD_Island	0	Duke	Duke	2031	1	34,023.00	43,833.00	17.3
134	MD_Island	0	Duke	Duke	2032	1	34,366.00	43,833.00	16.2
146	MD_Island	0	Duke	Duke	2033	1	34,613.00	44,541.00	17.4
158	MD_Island	0	Duke	Duke	2034	1	34,866.00	46,290.00	17.9
170	MD_Island	0	Duke	Duke	2035	1	35,341.00	48,664.00	17.2
182	EPR_No Gas	0	Duke	Duke	2021	1	31,681.56	43,273.90	24.2
194	EPR_No Gas	0	Duke	Duke	2022	1	31,757.22	42,530.00	21.6
206	EPR_No Gas	0	Duke	Duke	2023	1	31,733.39	42,789.00	22.1
218	EPR_No Gas	0	Duke	Duke	2024	1	31,895.91	42,910.00	20.4
230	EPR_No Gas	0	Duke	Duke	2025	1	31,960.54	44,203.00	21.5
242	EPR_No Gas	0	Duke	Duke	2026	1	32,007.70	44,912.00	19.6
254	EPR_No Gas	0	Duke	Duke	2027	1	32,105.31	47,743.00	22.9
266	EPR_No Gas	0	Duke	Duke	2028	1	32,209.54	47,883.00	17.0
278	EPR_No Gas	0	Duke	Duke	2029	1	32,399.27	47,464.00	8.6
290	EPR_No Gas	0	Duke	Duke	2030	1	32,416.32	51,434.00	13.2
302	EPR_No Gas	0	Duke	Duke	2031	1	32,581.82	55,221.00	16.4
314	EPR_No Gas	0	Duke	Duke	2032	1	32,753.28	57,693.00	17.0
326	EPR_No Gas	0	Duke	Duke	2033	1	32,833.78	59,190.00	17.0
338	EPR_No Gas	0	Duke	Duke	2034	1	32,937.77	60,722.00	17.0
350	EPR_No Gas	0	Duke	Duke	2035	1	33,299.62	62,902.00	17.0
362									
363	**Mimic Duke Scenario**								
364	**Reasonable Assumptions Scenario**								
365									



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