

**APPENDIX 6A**

**EVERGY MISSOURI WEST**

**INTEGRATED RESOURCE**  
**ANALYSIS**

**INTEGRATED RESOURCE PLAN**

**4 CSR 240-22.060**

**APRIL 2021**



To comply to the Unanimous Partial Stipulation and Agreement from File No. EO-2020-0263 requiring Alternative Resource Plans (ARP) in the 2021 IRP to be evaluated with and without capacity sales, ARPs modeled in the Integrated Analysis of the 2021 IRP were analyzed with and without the excess capacity sales. The net present value revenue requirement (NPVRR) rankings with capacity sales are provided in Table 1 and NPVRR rankings without capacity sales are provide in Table 2 below.

**Table 1: Eversource Missouri West Alternative Resource Plans with Capacity Sales**

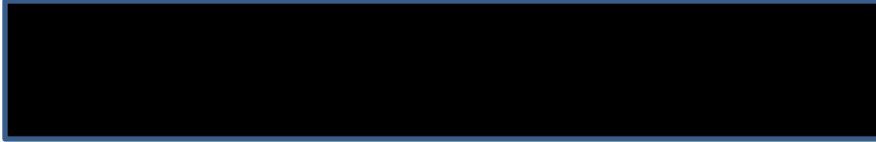
27 EP Expected Value			9 EP EV (High CO <sub>2</sub> )			9 EP EV (Mid CO <sub>2</sub> )			9 EP EV (No CO <sub>2</sub> )		
PLAN	NPVRR	DELTA	PLAN	NPVRR	DELTA	PLAN	NPVRR	DELTA	PLAN	NPVRR	DELTA
WDDDBU	9,830	-	WDDDBU	10,954	-	WDDDBU	9,695	-	WDDDBT	9,101	-
WDDDBT	9,890	60	WDDDBT	11,127	173	WDDDBT	9,741	46	WAABS	9,103	2
WDDDDU	9,964	134	WDDDDU	11,147	193	WDDDDU	9,821	125	WDDDBU	9,109	8
WAABS	9,995	165	WDDDBS	11,399	445	WAABS	9,823	128	WDDDBS	9,116	15
WDDDBS	9,999	169	WAABS	11,401	447	WDDDBS	9,826	131	WAACS	9,120	19
WAACS	10,030	200	WAACS	11,469	515	WAACS	9,853	157	WAACA	9,144	43
WCCCS	10,064	234	WCCCS	11,482	528	WCCCS	9,882	187	WCCCS	9,191	90
WBBCS	10,082	252	WAAAS	11,497	543	WAACA	9,899	204	WBBCS	9,202	101
WAACA	10,084	254	WBBCS	11,501	547	WBBCS	9,903	207	WDDDDU	9,210	109
WAAAS	10,156	327	WAACA	11,577	623	WAAAS	9,995	300	WAAAS	9,299	198

**Table 2: Eversource Missouri West Alternative Resource Plans without Capacity Sales**

27 EP Expected Value			9 EP EV (High CO <sub>2</sub> )			9 EP EV (Mid CO <sub>2</sub> )			9 EP EV (No CO <sub>2</sub> )		
PLAN	NPVRR	DELTA	PLAN	NPVRR	DELTA	PLAN	NPVRR	DELTA	PLAN	NPVRR	DELTA
WDDDBU	9,851	-	WDDDBU	10,975	-	WDDDBU	9,717	-	WAABS	9,114	-
WDDDBT	9,908	56	WDDDBT	11,144	169	WDDDBT	9,759	41	WDDDBT	9,118	5
WDDDDU	9,984	132	WDDDDU	11,167	191	WAABS	9,835	118	WDDDBU	9,130	16
WAABS	10,006	155	WAABS	11,412	437	WDDDDU	9,840	123	WDDDBS	9,133	19
WDDDBS	10,016	165	WDDDBS	11,416	441	WDDDBS	9,843	126	WAACS	9,134	20
WAACS	10,043	192	WAACS	11,483	507	WAACS	9,867	149	WAACA	9,151	37
WCCCS	10,082	230	WCCCS	11,500	525	WCCCS	9,900	183	WCCCS	9,209	95
WAACA	10,091	239	WAAAS	11,511	535	WAACA	9,906	189	WBBCS	9,213	99
WBBCS	10,093	241	WBBCS	11,511	536	WBBCS	9,913	196	WDDDDU	9,230	116
WAAAS	10,170	319	WAACA	11,584	609	WAAAS	10,009	292	WAAAS	9,313	199

The volume of capacity sales for each ARP is documented in the capacity forecast tables 77-90 in Volume 6, Integrated Analysis. Sales and purchases in the 2021 IRP are equally priced as shown in Table 3 below, with sales being capped at a 100 MW limit based on likelihood of limited sales due to excess capacity in SPP. The capacity pricing represents pricing based upon prior RFP responses through 2028 then escalated.

**Table 3: Capacity Pricing \*\* Confidential \*\***

A large black rectangular redaction box covers the content of Table 3, obscuring all data and text within its boundaries.