

ALLOCATION FACTORS
 Year Ended December 31, 2018

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13	Col. 14	Col. 15
FACTOR	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	Direct Purchase
TOTAL	1	6	9	100	110	115	125	135	145	170	200	300 Firm	300 Int	
Commodity Responsibility														
1.1	7,948.7	4,593.9	3,121.3	0.0	0.0	56.3	0.0	0.0	8.6	34.5	129.6	0.0	0.0	0.0
1.2	11,497.8	4,760.5	4,829.8	0.0	0.0	789.0	542.8	0.0	50.1	291.2	169.8	0.0	0.0	0.0
1.3	11,497.8	4,760.5	4,829.8	0.0	0.0	789.0	542.8	0.0	50.1	291.2	169.8	0.0	0.0	0.0
1.4	105,970.5	53,401.6	46,837.2	0.0	0.0	2,611.1	1,617.1	0.0	106.8	104.6	1,286.7	0.0	0.0	0.0
1.5	7,948.7	4,593.9	3,121.3	0.0	0.0	56.3	0.0	0.0	8.6	34.5	129.6	0.0	0.0	0.0
Distribution Capacity Responsibility														
2.1	115,246.5	53,401.6	46,837.2	0.0	0.0	2,611.1	1,617.1	9,260.4	106.8	104.6	1,286.7	15.6	0.0	0.0
2.2	105,986.1	53,401.6	46,837.2	0.0	0.0	2,611.1	1,617.1	0.0	106.8	104.6	1,286.7	15.6	0.0	0.0
2.3	104,699.4	53,401.6	46,837.2	0.0	0.0	2,611.1	1,617.1	0.0	106.8	104.6	0.0	15.6	0.0	0.0
2.4	103,807.5	53,401.6	46,837.2	0.0	0.0	2,611.1	725.2	0.0	106.8	104.6	0.0	15.6	0.0	0.0
2.5	2,183,043.0	2,015,077.0	167,564.0	0.0	0.0	265.0	27.0	4.0	36.0	25.0	1.0	1.0	0.0	0.0
Storage Responsibility														
3.1	57.4	31.5	25.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.5	0.0	0.0	0.0
3.2	2,740.0	1,333.1	1,279.3	0.0	0.0	47.9	11.7	0.0	6.8	17.4	43.8	0.0	0.0	0.0
Customer Responsibility														
4.1	467,440.0	262,382.5	196,267.5	0.0	0.0	4,645.1	473.3	1,918.2	558.8	438.2	0.0	17.5	0.0	0.0
4.2	268,989.4	20,114.0	227,822.0	0.0	0.0	9,371.5	1,813.5	0.0	2,588.0	3,274.9	0.0	183.3	0.0	0.0
4.3	2,725,290.0	2,418,673.2	297,842.6	0.0	0.0	4,253.7	543.3	359.7	1,152.0	1,947.3	0.0	16.5	0.0	0.0
4.4	0.3	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.5	2,183,043.0	2,015,077.0	167,564.0	0.0	0.0	265.0	27.0	4.0	36.0	25.0	1.0	1.0	0.0	0.0
4.6	167,966.0	0.0	167,564.0	0.0	0.0	265.0	27.0	4.0	36.0	25.0	1.0	1.0	0.0	0.0
4.7	402.0	0.0	0.0	0.0	0.0	265.0	27.0	4.0	36.0	25.0	1.0	1.0	0.0	0.0
4.8	57,428.0	0.0	56,578.0	0.0	0.0	485.0	0.0	0.0	0.0	0.0	0.0	365.0	0.0	0.0
4.9	2,381.0	0.0	2,023.0	0.0	0.0	222.0	29.0	4.0	37.0	30.0	0.0	0.0	0.0	0.0
4.10	13,057,890.0	12,090,462.0	967,428.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.11	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
5.	5,657.9	3,836.7	1,636.8	0.0	0.0	70.2	25.7	56.4	5.8	8.1	14.6	0.4	0.0	0.0

Witnesses: A. Kacicnik
 B. So

ALLOCATION PERCENTAGES
 Year Ended December 31, 2018

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13	Col. 14	Col. 15	
FACTOR	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	Direct	
TOTAL	1	6	9	100	110	115	125	135	145	170	200	300	300	300 Int	Purchase	
Commodity Responsibility																
1.1	1,000	0.5779	0.3927	0.0000	0.0000	0.0071	0.0000	0.0000	0.0006	0.0011	0.0043	0.0163	0.0000	0.0000	0.0000	
1.2	1,000	0.4140	0.4201	0.0000	0.0000	0.0686	0.0472	0.0000	0.0056	0.0044	0.0253	0.0148	0.0000	0.0000	0.0000	
1.3	1,000	0.4140	0.4201	0.0000	0.0000	0.0686	0.0472	0.0000	0.0056	0.0044	0.0253	0.0148	0.0000	0.0000	0.0000	
1.4	1,000	0.5039	0.4420	0.0000	0.0000	0.0246	0.0153	0.0000	0.0001	0.0010	0.0010	0.0121	0.0000	0.0000	0.0000	
1.5	1,000	0.5779	0.3927	0.0000	0.0000	0.0071	0.0000	0.0000	0.0006	0.0011	0.0043	0.0163	0.0000	0.0000	0.0000	
1.6	1,000	0.5342	0.4164	0.0000	0.0000	0.0249	0.0013	0.0000	0.0022	0.0012	0.0049	0.0149	0.0000	0.0000	0.0000	
Distribution Capacity Responsibility																
2.1	1,000	0.4634	0.4064	0.0000	0.0000	0.0227	0.0140	0.0804	0.0000	0.0009	0.0009	0.0112	0.0001	0.0000	0.0000	
2.2	1,000	0.5039	0.4419	0.0000	0.0000	0.0246	0.0153	0.0000	0.0001	0.0010	0.0010	0.0121	0.0001	0.0000	0.0000	
2.3	1,000	0.5100	0.4473	0.0000	0.0000	0.0249	0.0154	0.0000	0.0001	0.0010	0.0010	0.0000	0.0001	0.0000	0.0000	
2.4	1,000	0.5144	0.4512	0.0000	0.0000	0.0252	0.0070	0.0000	0.0001	0.0010	0.0010	0.0000	0.0002	0.0000	0.0000	
2.5	1,000	0.9231	0.0768	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Storage Responsibility																
3.1	1,000	0.5495	0.4380	0.0000	0.0000	0.0023	0.0009	0.0000	0.0000	0.0000	0.0000	0.0093	0.0000	0.0000	0.0000	
3.2	1,000	0.4865	0.4669	0.0000	0.0000	0.0175	0.0043	0.0000	0.0000	0.0025	0.0064	0.0160	0.0000	0.0000	0.0000	
Customer Responsibility																
4.1	1,000	0.5613	0.4199	0.0000	0.0000	0.0099	0.0010	0.0041	0.0016	0.0012	0.0009	0.0000	0.0000	0.0000	0.0000	
4.2	1,000	0.0748	0.8470	0.0000	0.0000	0.0348	0.0067	0.0000	0.0142	0.0096	0.0122	0.0000	0.0007	0.0000	0.0000	
4.3	1,000	0.8875	0.1093	0.0000	0.0000	0.0016	0.0002	0.0001	0.0002	0.0004	0.0007	0.0000	0.0000	0.0000	0.0000	
4.4	1,000	0.2000	0.8000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
4.5	1,000	0.9231	0.0768	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
4.6	1,000	0.0000	0.9976	0.0000	0.0000	0.0016	0.0002	0.0000	0.0003	0.0002	0.0001	0.0000	0.0000	0.0000	0.0000	
4.7	1,000	0.0000	0.0000	0.0000	0.0000	0.6592	0.0672	0.0100	0.1070	0.0896	0.0622	0.0025	0.0000	0.0000	0.0000	
4.8	1,000	0.0000	0.9852	0.0000	0.0000	0.0084	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0064	0.0000	0.0000	
4.9	1,000	0.0000	0.8496	0.0000	0.0000	0.0932	0.0122	0.0017	0.0151	0.0155	0.0126	0.0000	0.0000	0.0000	0.0000	
4.10	1,000	0.9259	0.0741	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
4.11	1,000	0.7750	0.2250	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
4.12	1,000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	
5.	1,000	0.6781	0.2893	0.0000	0.0000	0.0124	0.0045	0.0100	0.0006	0.0010	0.0014	0.0026	0.0001	0.0000	0.0000	

Witnesses: A. Kacicnik
 B. So