2022 Union Pacific South Coast Fleet Average Form F-A-1 Summary										
(1) Line No.	(2) Count of Locomotives	Sum of WMTR MWHR	(3) CL (g/bhphr)	(4) Average Adj. to CL (g/bhphr)	(5) Average EL (g/bhphr)	(6) Average MWhr per Locomotive	(7) Total Weighted MWhr	EPA Tier*	% MW-hrs by Tier	% locos by Tier
1	168	12,102.13	1.10	0.02	1.08	72.04	13,087.20	4	6.6%	5%
2	80	265.66	1.30	0.00	1.30	3.32	345.35			
Subtotal	**248**	**12,367.79**					**13,432.55**			
3	2	196.69	1.50	0.15	1.35	98.34	266.12	3	15.9%	21%
4	1	27.37	4.00	0.17	3.84	27.37	104.96			
5	1	7.54	4.20	0.13	4.07	7.54	30.72			
6	41	524.31	4.60	0.06	4.54	12.79	2,381.53			
7	19	236.80	4.70	0.05	4.65	12.46	1,091.39			
8	311	18,380.93	4.90	0.14	4.76	59.10	87,366.47			
9	59	610.19	5.30	0.10	5.20	10.34	3,170.65			
10	6	8.84	5.40	0.16	5.24	1.47	46.30			
11	304	3,977.21	5.50	0.16	5.34	13.08	21,232.10			
12	12	139.78	1.20	0.15	1.05	11.65	147.27			
13	6	39.38	2.10	0.15	1.95	6.56	76.84			
14	3	78.84	4.90	0.11	4.79	26.28	373.82			
15	40	2,852.49	5.00	0.02	4.98	71.31	14,215.80			
16	107	175.46	5.40	0.05	5.35	1.64	941.16			

17	46	2,824.17	5.50	0.15	5.35	61.40	15,074.54			
Subtotal	**958**	**30,079.99**					**146,519.67**			
18	1	4.00	3.00	0.17	2.83	4.00	11.33	2	27.2%	30%
19	10	165.88	4.90	0.09	4.81	16.59	795.64			
20	28	308.47	5.30	0.12	5.18	11.64	1,598.00			
21	1	8.26	7.00	0.00	7.00	8.26	57.82			
22	6	56.84	7.90	0.08	7.82	9.47	442.74			
23	6	105.66	4.00	0.05	3.95	17.61	417.23			
24	40	573.23	4.50	0.08	4.42	14.33	2,531.12			
25	52	552.85	4.60	0.09	4.51	9.65	2,492.78			
26	306	15,838.79	4.70	0.13	4.57	31.67	72,107.29			
27	3	29.49	4.80	0.05	4.75	9.83	138.72			
28	13	203.02	4.95	0.30	4.86	15.52	983.20			
29	28	266.69	5.10	0.05	5.05	9.52	1,343.27			
30	5	44.42	5.20	0.06	5.14	8.88	229.87			
31	152	1,720.19	5.40	0.15	5.25	9.08	9,012.83			
32	721	31,349.98	5.50	0.12	5.38	39.22	169,085.71			
Subtotal	**1,372**	**51,227.76**					**261,247.53**			
33	2	11.20	9.50	0.10	9.40	5.60	105.57	1	47.0%	39%
34	3	28.60	5.80	0.26	5.55	9.53	158.33			

35	71	666.70	6.00	0.13	5.87	9.39	3,921.09			
36	384	24,798.17	6.50	0.21	6.29	64.90	156,126.77			
37	4	35.30	6.60	0.17	6.44	8.83	226.90			
38	12	120.04	6.70	0.03	6.67	10.00	802.50			
39	9	78.97	6.90	0.18	6.72	8.77	535.50			
40	4	80.66	7.10	0.00	7.10	20.17	572.69			
41	12	177.42	7.20	0.12	7.08	14.79	1,260.27			
42	5	112.51	7.30	0.21	7.09	22.50	798.37			
43	1,175	58,278.23	7.40	0.18	7.22	30.46	420,640.35			
44	2	97.97	7.60	0.20	7.40	48.98	726.61			
45	1	10.10	8.10	0.21	7.89	10.10	79.72			
46	80	4,096.28	9.00	0.27	8.73	45.57	35,760.52			
Subtotal	**1,764**	**88,592.14**					**621,715.17**			
47	7	40.73	7.80	0.23	7.57	6.31	308.25	0	3.2%	4%
48	10	73.34	8.60	0.08	8.52	5.55	624.16			
49	3	20.53	8.70	0.24	8.46	6.84	173.36			
50	74	3,559.93	9.00	0.27	8.73	48.11	31,078.16			
51	1	6.50	9.30	0.00	9.30	6.50	60.45			
52	12	665.30	9.50	0.36	9.14	55.44	6,057.64			
53	6	18.72	14.00	0.22	13.78	3.12	253.37			

54	1	3.32	7.20	0.22	6.98	3.32	23.19			
55	2	138.27	7.50	0.24	7.26	69.14	975.44			
56	16	260.50	7.90	0.23	7.67	16.28	2,013.78			
57	43	1,301.06	8.00	0.25	7.75	30.26	10,064.90			
58	1	3.56	11.40	0.23	11.17	3.56	39.75			
59	5	27.80	11.80	0.48	11.32	5.56	312.82			
Subtotal	**181**	**6,119.56**					**51,985.26**			
60	31	293.82	26.00	0.59	18.55	14.68	1,647.19	N	0.16%	0.68%
Subtotal	**31**	**293.82**					**1,647.19**			
Total	**4,554**	**188,681.05**					**1,096,547.37**			
						Fleet Average	**5.81**			