

## Daily Quantity Report

Customer Name:	Abu Tubul	Report Date:	17/12/2023
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Stream 1:													
Contract Time	Hourly gas totals							Non-resetable Totals at End of hour_gas					
	Gross Volume m3	Standard Volume Sm3	Mass t	Energy GJ	Energy MMBTU	Pressure Bar (g)	Temp °C	Gross Volume m3	Standard Volume Sm3	Mass t	Energy GJ	Energy MMBTU	Alarm
00:00								42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
01:00	0.00	0.00	0.00	0.00	0.000	84.04	20.11	42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
02:00	0.00	0.00	0.00	0.00	0.000	83.12	19.25	42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
03:00	0.00	0.00	0.00	0.00	0.000	82.44	18.57	42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
04:00	0.00	0.00	0.00	0.00	0.000	82.01	17.94	42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
05:00	0.00	0.00	0.00	0.00	0.000	81.69	17.40	42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
06:00	0.00	0.00	0.00	0.00	0.000	81.39	16.86	42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
07:00	0.00	0.00	0.00	0.00	0.000	81.07	16.43	42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
08:00	0.00	0.00	0.00	0.00	0.000	81.10	17.31	42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
09:00	0.00	0.00	0.00	0.00	0.000	81.40	19.95	42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
10:00	0.00	0.00	0.00	0.00	0.000	81.54	23.65	42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
11:00	0.00	0.00	0.00	0.00	0.000	81.60	27.32	42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
12:00	0.00	0.00	0.00	0.00	0.000	81.53	30.73	42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
13:00	0.00	0.00	0.00	0.00	0.000	81.47	33.87	42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
14:00	0.00	0.00	0.00	0.00	0.000	80.93	36.77	42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
15:00	0.00	0.00	0.00	0.00	0.000	80.65	38.14	42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
16:00	0.00	0.00	0.00	0.00	0.000	80.52	38.42	42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
17:00	0.00	0.00	0.00	0.00	0.000	80.26	35.94	42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
18:00	0.00	0.00	0.00	0.00	0.000	79.81	32.36	42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
19:00	0.00	0.00	0.00	0.00	0.000	79.02	29.34	42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
20:00	0.00	0.00	0.00	0.00	0.000	78.31	26.86	42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
21:00	0.00	0.00	0.00	0.00	0.000	77.80	25.05	42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
22:00	0.00	0.00	0.00	0.00	0.000	77.39	23.78	42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
23:00	0.00	0.00	0.00	0.00	0.000	77.33	22.67	42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
24:00	0.00	0.00	0.00	0.00	0.000	77.16	21.61	42250656.91	3365394297.05	2724980.62	138210975.43	130998712.099	
Total	0.00	0.00	0.00	0.00	0.000			0.0	0.0	0.0	0.0	0.0	
Average	0.00	0.00	0.00	0.00	0.000	80.57	25.43						
Peak @	-												

## Daily Quantity Report

Customer Name:	Abu Tubul	Report Date:	17/12/2023
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Stream 2:													
Contract Time	Hourly gas totals							Non-resetable Totals at End of hour_gas					
	Gross Volume m3	Standard Volume Sm3	Mass t	Energy GJ	Energy MMBTU	Pressure Bar (g)	Temp °C	Gross Volume m3	Standard Volume Sm3	Mass t	Energy GJ	Energy MMBTU	Alarm
00:00								2241678.60	200520614.42	162968.90	8264045.36	7832802.681	
01:00	200.34	19373.25	15.83	802.64	760.756	84.07	30.18	2241878.26	200539923.13	162984.67	8264845.36	7833560.935	
02:00	287.87	27650.73	22.58	1145.19	1085.430	83.13	30.82	2242169.02	200567843.36	163007.47	8266001.79	7834657.019	
03:00	298.49	28241.38	23.07	1169.97	1108.917	82.46	30.88	2242466.22	200595955.73	163030.44	8267166.36	7835760.818	
04:00	258.92	24322.02	19.85	1007.06	954.509	82.04	30.63	2242724.53	200620217.23	163050.24	8268170.88	7836712.919	
05:00	243.81	22840.68	18.62	944.52	895.232	81.71	29.91	2242968.33	200643057.11	163068.86	8269115.40	7837608.151	
06:00	245.94	22993.75	18.71	949.16	899.630	81.40	29.78	2243214.48	200666068.26	163087.59	8270065.24	7838508.426	
07:00	246.47	22951.69	18.68	947.25	897.820	81.11	29.61	2243460.69	200688993.91	163106.25	8271011.38	7839405.193	
08:00	221.86	20590.30	16.77	849.91	805.559	81.12	29.67	2243680.20	200709365.32	163122.83	8271852.27	7840202.203	
09:00	175.06	16270.78	13.24	671.17	636.146	81.41	31.04	2243856.63	200725762.25	163136.17	8272528.63	7840843.269	
10:00	196.33	18107.67	14.75	747.73	708.711	81.58	32.75	2244052.86	200743856.94	163150.91	8273275.81	7841551.458	
11:00	191.37	17509.82	14.24	722.31	684.618	81.63	33.96	2244244.63	200761400.50	163165.18	8273999.51	7842237.394	
12:00	206.48	18789.82	15.26	774.05	733.658	81.55	34.19	2244451.02	200780180.65	163180.44	8274773.13	7842970.644	
13:00	198.13	18000.84	14.65	743.12	704.342	81.50	34.59	2244648.81	200798150.42	163195.06	8275514.98	7843673.782	
14:00	239.35	21638.89	17.59	892.54	845.965	80.98	34.41	2244889.89	200819942.60	163212.78	8276413.85	7844525.746	
15:00	241.73	21762.85	17.71	897.91	851.054	80.69	34.06	2245130.80	200841630.70	163230.42	8277308.70	7845373.900	
16:00	216.13	19433.58	15.80	801.50	759.675	80.53	33.52	2245347.21	200861089.39	163246.25	8278111.21	7846134.533	
17:00	224.77	20275.31	16.52	837.56	793.854	80.28	32.47	2245571.90	200881359.66	163262.76	8278948.61	7846928.235	
18:00	251.35	22704.46	18.50	938.29	889.327	79.84	31.69	2245824.05	200904135.86	163281.32	8279889.87	7847820.377	
19:00	290.15	26077.03	21.27	1078.54	1022.259	79.05	31.38	2246115.52	200930327.00	163302.68	8280973.20	7848847.176	
20:00	245.60	21883.61	17.86	905.69	858.428	78.34	30.98	2246361.18	200952209.69	163320.54	8281878.85	7849705.566	
21:00	288.20	25482.87	20.79	1054.17	999.160	77.84	30.57	2246647.48	200977520.22	163341.19	8282925.80	7850697.883	
22:00	250.67	22047.38	17.95	910.65	863.130	77.42	30.15	2246897.60	200999517.64	163359.10	8283834.39	7851559.060	
23:00	194.68	17097.39	13.91	705.67	668.846	77.36	29.86	2247091.12	201016513.70	163372.93	8284535.89	7852223.954	
24:00	192.50	16930.99	13.79	699.79	663.273	77.19	29.65	2247284.06	201033482.42	163386.75	8285237.23	7852888.696	
Total	5606.20	512977.09	417.94	21196.39	20,090.299			5605.5	512868.0	417.9	21191.9	20086.0	
Average	233.59	21374.05	17.41	883.18	837.096	80.59	31.53						
Peak @	1:21:01												



## Daily Quality Report

Customer Name:	Abu Tubul	Report Date:	17/12/2023	Printed on	18/12/2023 00:00
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		Stream 1 Gas Composition																		
Contract Time	Hourly gas quality																			
	Methane	Ethane	Propane	i-Butane	n-Butane	i-Pentane	n-Pentane	Hexane +	Nitrogen	Carbon Dioxide	Oxygen	Water	Molec. Weight	Relative Density	Standard Density	Line Density	GHV	Wobbe Index	Base Compr.	Line Compr.
00:00																				
01:00	84.8230	6.4574	2.8022	0.6330	0.8019	0.1756	0.1594	0.0802	3.0038	1.0594	0.0000	0.0000	19.2408	0.6659	0.8157	0.8137	41.3814	50.7117	0.9973	0.7955
02:00	84.5764	6.5736	2.9021	0.6483	0.8376	0.1771	0.1581	0.0783	2.9738	1.0695	0.0000	0.0000	19.3054	0.6681	0.8185	0.8165	41.5214	50.7975	0.9972	0.7928
03:00	84.7413	6.5353	2.8297	0.6355	0.8150	0.1767	0.1540	0.0772	2.9605	1.0702	0.0000	0.0000	19.2597	0.6665	0.8165	0.8145	41.4364	50.7541	0.9973	0.7934
04:00	84.8606	6.4739	2.7896	0.6252	0.7955	0.1754	0.1581	0.0775	2.9754	1.0654	0.0000	0.0000	19.2287	0.6655	0.8152	0.8132	41.3689	50.7126	0.9973	0.7934
05:00	84.7174	6.4752	2.8362	0.6514	0.8351	0.1762	0.1565	0.0796	3.0097	1.0581	0.0000	0.0000	19.2734	0.6670	0.8171	0.8151	41.4447	50.7461	0.9973	0.7913
06:00	84.9257	6.3947	2.7560	0.6367	0.8177	0.1751	0.1550	0.0792	2.9941	1.0583	0.0000	0.0000	19.2248	0.6653	0.8150	0.8131	41.3556	50.7015	0.9973	0.7917
07:00	84.9467	6.4310	2.7222	0.6033	0.7685	0.1737	0.1552	0.0808	3.0704	1.0442	0.0000	0.0000	19.1888	0.6641	0.8135	0.8115	41.2492	50.6187	0.9973	0.7925
08:00	84.8149	6.4793	2.7973	0.6192	0.7879	0.1738	0.1578	0.0801	3.0288	1.0569	0.0000	0.0000	19.2311	0.6655	0.8153	0.8133	41.3486	50.6845	0.9973	0.7937
09:00	84.8118	6.5399	2.7652	0.6032	0.7690	0.1691	0.1516	0.0823	3.0340	1.0672	0.0000	0.0000	19.2166	0.6650	0.8147	0.8127	41.3067	50.6524	0.9973	0.8012
10:00	84.8880	6.5174	2.7414	0.5998	0.7536	0.1666	0.1545	0.0828	3.0169	1.0736	0.0000	0.0000	19.1984	0.6644	0.8139	0.8120	41.2744	50.6370	0.9973	0.8115
11:00	84.9812	6.4512	2.7134	0.6036	0.7643	0.1707	0.1532	0.0785	3.0028	1.0749	0.0000	0.0000	19.1851	0.6639	0.8133	0.8114	41.2548	50.6305	0.9973	0.8212
12:00	85.1539	6.4197	2.6300	0.5865	0.7379	0.1721	0.1569	0.0816	2.9780	1.0773	0.0000	0.0000	19.1417	0.6624	0.8115	0.8096	41.1800	50.5964	0.9973	0.8306
13:00	85.1076	6.4235	2.6854	0.5851	0.7402	0.1731	0.1572	0.0810	2.9649	1.0773	0.0000	0.0000	19.1560	0.6629	0.8121	0.8102	41.2171	50.6229	0.9973	0.8375
14:00	85.0592	6.4093	2.6988	0.5992	0.7508	0.1699	0.1571	0.0812	3.0008	1.0692	0.0000	0.0000	19.1683	0.6633	0.8126	0.8107	41.2273	50.6191	0.9973	0.8445
15:00	84.9136	6.5183	2.6836	0.6084	0.7676	0.1738	0.1588	0.0799	3.0103	1.0801	0.0000	0.0000	19.1973	0.6644	0.8138	0.8119	41.2700	50.6330	0.9973	0.8472
16:00	85.0500	6.4632	2.6763	0.5872	0.7448	0.1679	0.1550	0.0847	2.9924	1.0732	0.0000	0.0000	19.1628	0.6632	0.8124	0.8104	41.2178	50.6148	0.9973	0.8486
17:00	84.8457	6.5601	2.7494	0.5969	0.7705	0.1700	0.1538	0.0813	2.9908	1.0772	0.0000	0.0000	19.2102	0.6648	0.8144	0.8124	41.3111	50.6663	0.9973	0.8427
18:00	84.8805	6.4661	2.7534	0.6194	0.7878	0.1772	0.1612	0.0777	3.0136	1.0583	0.0000	0.0000	19.2183	0.6651	0.8147	0.8128	41.3308	50.6797	0.9973	0.8355
19:00	84.6650	6.5472	2.8577	0.6421	0.8077	0.1736	0.1566	0.0781	3.0087	1.0581	0.0000	0.0000	19.2721	0.6670	0.8170	0.8151	41.4430	50.7458	0.9973	0.8285
20:00	84.7688	6.4464	2.8302	0.6417	0.8207	0.1758	0.1577	0.0773	3.0203	1.0559	0.0000	0.0000	19.2576	0.6665	0.8164	0.8145	41.4081	50.7223	0.9973	0.8243
21:00	85.0145	6.3812	2.7271	0.6178	0.7812	0.1727	0.1550	0.0797	3.0142	1.0531	0.0000	0.0000	19.1886	0.6641	0.8135	0.8115	41.2751	50.6507	0.9973	0.8225
22:00	84.9883	6.4422	2.7351	0.5897	0.7669	0.1735	0.1578	0.0809	3.0004	1.0614	0.0000	0.0000	19.1853	0.6639	0.8133	0.8114	41.2693	50.6481	0.9973	0.8201
23:00	84.9338	6.4572	2.7479	0.6203	0.7877	0.1666	0.1519	0.0826	2.9877	1.0601	0.0000	0.0000	19.2050	0.6646	0.8142	0.8122	41.3183	50.6820	0.9973	0.8168
24:00	84.9956	6.4321	2.7319	0.6114	0.7840	0.1765	0.1541	0.0784	2.9711	1.0606	0.0000	0.0000	19.1938	0.6642	0.8137	0.8118	41.3053	50.6809	0.9973	0.8146
Average	84.8943	6.4706	2.7568	0.6152	0.7831	0.1730	0.1561	0.0800	3.0010	1.0650	0.0000	0.0000	19.2129	0.6649	0.8145	0.8126	41.3215	50.6754	0.9973	0.8163

## Daily Quality Report

Customer Name:	Abu Tubul	Report Date:	17/12/2023	Printed on	18/12/2023 00:00
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Stream 2 Gas Composition																			
Contract Time	Hourly gas quality																		
	Methane	Ethane	Propane	i-Butane	n-Butane	i-Pentane	n-Pentane	Hexane +	Nitrogen	Carbon Dioxide	Oxygen	Water	Molec. Weight	Relative Density	Standard Density	Line Density	GHV	Wobbe Index	Base Compr.
00:00																			
01:00	84.8230	6.4574	2.8022	0.6330	0.8019	0.1756	0.1594	0.0785	3.0038	1.0594	0.0000	0.0000	19.2408	0.6659	0.8157	0.8137	41.3814	50.7117	0.9973
02:00	84.5764	6.5736	2.9021	0.6483	0.8376	0.1771	0.1581	0.0776	2.9738	1.0695	0.0000	0.0000	19.3054	0.6681	0.8185	0.8165	41.5214	50.7975	0.9972
03:00	84.7413	6.5353	2.8297	0.6355	0.8150	0.1767	0.1540	0.0758	2.9605	1.0702	0.0000	0.0000	19.2597	0.6665	0.8165	0.8145	41.4364	50.7541	0.9973
04:00	84.8606	6.4739	2.7896	0.6252	0.7955	0.1754	0.1581	0.0751	2.9754	1.0654	0.0000	0.0000	19.2287	0.6655	0.8152	0.8132	41.3689	50.7126	0.9973
05:00	84.7174	6.4752	2.8362	0.6514	0.8351	0.1762	0.1565	0.0777	3.0097	1.0581	0.0000	0.0000	19.2734	0.6670	0.8171	0.8151	41.4447	50.7461	0.9973
06:00	84.9257	6.3947	2.7560	0.6367	0.8177	0.1751	0.1550	0.0808	2.9941	1.0583	0.0000	0.0000	19.2248	0.6653	0.8150	0.8131	41.3556	50.7015	0.9973
07:00	84.9467	6.4310	2.7222	0.6033	0.7685	0.1737	0.1552	0.0792	3.0704	1.0442	0.0000	0.0000	19.1888	0.6641	0.8135	0.8115	41.2492	50.6187	0.9973
08:00	84.8149	6.4793	2.7973	0.6192	0.7879	0.1738	0.1578	0.0782	3.0288	1.0569	0.0000	0.0000	19.2311	0.6655	0.8153	0.8133	41.3486	50.6845	0.9973
09:00	84.8118	6.5399	2.7652	0.6032	0.7690	0.1691	0.1516	0.0830	3.0340	1.0672	0.0000	0.0000	19.2166	0.6650	0.8147	0.8127	41.3067	50.6524	0.9973
10:00	84.8880	6.5174	2.7414	0.5998	0.7536	0.1666	0.1545	0.0827	3.0169	1.0736	0.0000	0.0000	19.1984	0.6644	0.8139	0.8120	41.2744	50.6370	0.9973
11:00	84.9812	6.4512	2.7134	0.6036	0.7643	0.1707	0.1532	0.0791	3.0028	1.0749	0.0000	0.0000	19.1851	0.6639	0.8133	0.8114	41.2548	50.6305	0.9973
12:00	85.1539	6.4197	2.6300	0.5865	0.7379	0.1721	0.1569	0.0819	2.9780	1.0773	0.0000	0.0000	19.1417	0.6624	0.8115	0.8096	41.1800	50.5964	0.9973
13:00	85.1076	6.4235	2.6854	0.5851	0.7402	0.1731	0.1572	0.0805	2.9649	1.0773	0.0000	0.0000	19.1560	0.6629	0.8121	0.8102	41.2171	50.6229	0.9973
14:00	85.0592	6.4093	2.6988	0.5992	0.7508	0.1699	0.1571	0.0804	3.0008	1.0692	0.0000	0.0000	19.1683	0.6633	0.8126	0.8107	41.2273	50.6191	0.9973
15:00	84.9136	6.5183	2.6836	0.6084	0.7676	0.1738	0.1588	0.0794	3.0103	1.0801	0.0000	0.0000	19.1973	0.6644	0.8138	0.8119	41.2700	50.6330	0.9973
16:00	85.0500	6.4632	2.6763	0.5872	0.7448	0.1679	0.1550	0.0844	2.9924	1.0732	0.0000	0.0000	19.1628	0.6632	0.8124	0.8104	41.2178	50.6148	0.9973
17:00	84.8457	6.5601	2.7494	0.5969	0.7705	0.1700	0.1538	0.0802	2.9908	1.0772	0.0000	0.0000	19.2102	0.6648	0.8144	0.8124	41.3111	50.6663	0.9973
18:00	84.8805	6.4661	2.7534	0.6194	0.7878	0.1772	0.1612	0.0769	3.0136	1.0583	0.0000	0.0000	19.2183	0.6651	0.8147	0.8128	41.3308	50.6797	0.9973
19:00	84.6650	6.5472	2.8577	0.6421	0.8077	0.1736	0.1566	0.0777	3.0087	1.0581	0.0000	0.0000	19.2721	0.6670	0.8170	0.8151	41.4430	50.7458	0.9973
20:00	84.7688	6.4464	2.8302	0.6417	0.8207	0.1758	0.1577	0.0765	3.0203	1.0559	0.0000	0.0000	19.2576	0.6665	0.8164	0.8145	41.4081	50.7223	0.9973
21:00	85.0145	6.3812	2.7271	0.6178	0.7812	0.1727	0.1550	0.0775	3.0142	1.0531	0.0000	0.0000	19.1886	0.6641	0.8135	0.8115	41.2751	50.6507	0.9973
22:00	84.9883	6.4422	2.7351	0.5897	0.7669	0.1735	0.1578	0.0790	3.0004	1.0614	0.0000	0.0000	19.1853	0.6639	0.8133	0.8114	41.2693	50.6481	0.9973
23:00	84.9338	6.4572	2.7479	0.6203	0.7877	0.1666	0.1519	0.0812	2.9877	1.0601	0.0000	0.0000	19.2050	0.6646	0.8142	0.8122	41.3183	50.6820	0.9973
24:00	84.9956	6.4321	2.7319	0.6114	0.7840	0.1765	0.1541	0.0769	2.9711	1.0606	0.0000	0.0000	19.1938	0.6642	0.8137	0.8118	41.3053	50.6809	0.9973
Average	84.8943	6.4706	2.7568	0.6152	0.7831	0.1730	0.1561	0.0792	3.0010	1.0650	0.0000	0.0000	19.2129	0.6649	0.8145	0.8126	41.3215	50.6754	0.9973