

SUMMER CASE											
STREAM NO.	UNIT	01	02	03	04	05	06	07	08	09	10
VAPOR FRACTION		1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.99	0.99	1.00
TEMPERATURE	°C	36.9	36.9	36.8	129	59.9	59.9	146	60	60	59.9
PRESSURE	BARG	5.1	5.1	4.9	18.25	18	17.4	54.8	54.1	54.1	53.9
MASS FLOW	KG/H	17871	8935.5	8935.5	8935.5	8935.5	8935.5	8935.5	8935.5	17871	17794
COMPOSITION (MOLE FRACTION)											
H2O		0.0103	0.0103	0.0103	0.0103	0.0103	0.0103	0.0103	0.0103	0.0103	0.0045
CO2		0.0316	0.0316	0.0316	0.0316	0.0316	0.0316	0.0316	0.0316	0.0316	0.0318
H2S		0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0544
METHANE		0.6389	0.6389	0.6389	0.6389	0.6389	0.6389	0.6389	0.6389	0.6389	0.6427
ETHANE		0.1375	0.1375	0.1375	0.1375	0.1375	0.1375	0.1375	0.1375	0.1375	0.1383
PROPANE		0.0773	0.0773	0.0773	0.0773	0.0773	0.0773	0.0773	0.0773	0.0773	0.0778
i-BUTANE		0.0084	0.0084	0.0084	0.0084	0.0084	0.0084	0.0084	0.0084	0.0084	0.0084
n-BUTANE		0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0187
i-PENTANE		0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
n-PENTANE		0.0038	0.0038	0.0038	0.0038	0.0038	0.0038	0.0038	0.0038	0.0038	0.0038
n-HEXANE		0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0066
n-HEPTANE		0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
n-OCTANE		0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
n-NONANE		0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
n-DECANE		0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
NITROGEN		0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
VAPOR PHASE PROPERTY											
MASS FLOW	KG/H	17871	8935.5	8935.5	8935.5	8935.5	8935.5	8935.5	8897.2	17794.4	17794.4
MOLECULAR WEIGHT		24.52	24.52	24.52	24.52	24.52	24.52	24.52	24.56	24.56	24.56
MASS DENSITY	KG/M3	5.771	5.771	5.771	14.62	17.35	17.35	42.01	60.14	60.14	60.14

WINTER CASE											
STREAM NO.	UNIT	01	02	03	04	05	06	07	08	09	10
VAPOR FRACTION		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
TEMPERATURE	°C	18.9	18.9	18.9	116	60	59.9	150	60	60	59.9
PRESSURE	BARG	5.1	5.1	4.9	18.25	18	17.4	54.8	54.1	54.1	53.9
MASS FLOW	KG/H	16687	8343.5	8343.5	8343.5	8343.5	8343.5	8343.5	8343.5	16687	16687
COMPOSITION (MOLE FRACTION)											
H2O		0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036
CO2		0.0252	0.0252	0.0252	0.0252	0.0252	0.0252	0.0252	0.0252	0.0252	0.0252
H2S		0.0471	0.0471	0.0471	0.0471	0.0471	0.0471	0.0471	0.0471	0.0471	0.0471
METHANE		0.7398	0.7398	0.7398	0.7398	0.7398	0.7398	0.7398	0.7398	0.7398	0.7398
ETHANE		0.1143	0.1143	0.1143	0.1143	0.1143	0.1143	0.1143	0.1143	0.1143	0.1143
PROPANE		0.0474	0.0474	0.0474	0.0474	0.0474	0.0474	0.0474	0.0474	0.0474	0.0474
i-BUTANE		0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039
n-BUTANE		0.0081	0.0081	0.0081	0.0081	0.0081	0.0081	0.0081	0.0081	0.0081	0.0081
i-PENTANE		0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031
n-PENTANE		0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015
n-HEXANE		0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022
n-HEPTANE		0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
n-OCTANE		0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
n-NONANE		0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
n-DECANE		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NITROGEN		0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
VAPOR PHASE PROPERTY											
MASS FLOW	KG/H	16687	8343.5	8343.5	8343.5	8343.5	8343.5	8343.5	8343.5	16687	16687
MOLECULAR WEIGHT		21.56	21.56	21.56	21.56	21.56	21.56	21.56	21.56	21.56	21.56
MASS DENSITY	KG/M3	5.375	5.375	5.375	13.19	15.02	15.02	35.75	50.00	50.00	50.00

[illegible]