

## Time Domain Load Flow Results

Date	Time	Source kW	Source kvar	Wind kW	Solar kW	DC Source kW	AC Load kW	AC Load kvar	DC Load kW	Losses kW
01/01/18	00:00:00	89.4	-810.7	1532.7	0.0	0.0	-5.51E-14	-1002.6	0.0	89.4
01/01/18	00:30:00	89.4	-810.7	1532.7	0.0	0.0	2.819E-14	-1002.6	0.0	89.4
01/01/18	01:00:00	87.6	-814.6	1507.2	0.0	0.0	2.819E-14	-1002.7	0.0	87.6
01/01/18	01:30:00	87.6	-814.6	1507.2	0.0	0.0	8.674E-16	-1002.7	0.0	87.6
01/01/18	02:00:00	87.6	-814.6	1507.2	0.0	0.0	2.776E-14	-1002.7	0.0	87.6
01/01/18	02:30:00	87.6	-814.6	1507.2	0.0	0.0	-5.55E-14	-1002.7	0.0	87.6
01/01/18	03:00:00	89.4	-810.7	1532.7	0.0	0.0	4.337E-16	-1002.6	0.0	89.4
01/01/18	03:30:00	89.4	-810.7	1532.7	0.0	0.0	-4.34E-16	-1002.6	0.0	89.4
01/01/18	04:00:00	85.9	-818.4	1481.6	0.0	0.0	2.776E-14	-1002.7	0.0	85.9
01/01/18	04:30:00	85.9	-818.4	1481.6	0.0	0.0	-4.34E-16	-1002.7	0.0	85.9
01/01/18	05:00:00	79.3	-833.3	1379.4	0.0	0.0	0	-1003.0	0.0	79.3
01/01/18	05:30:00	79.3	-833.3	1379.4	0.0	0.0	2.732E-14	-1003.0	0.0	79.3
01/01/18	06:00:00	77.7	-836.9	1353.9	2.0	0.0	4.337E-16	-1003.0	0.0	77.7
01/01/18	06:30:00	77.7	-836.9	1353.9	2.0	0.0	-2.82E-14	-1003.0	0.0	77.7
01/01/18	07:00:00	77.7	-836.8	1353.9	6.1	0.0	-2.82E-14	-1003.0	0.0	77.7
01/01/18	07:30:00	77.7	-836.8	1353.9	6.1	0.0	-2.73E-14	-1003.0	0.0	77.7
01/01/18	08:00:00	76.1	-840.3	1328.3	9.7	0.0	-2.82E-14	-1003.1	0.0	76.1
01/01/18	08:30:00	76.1	-840.3	1328.3	9.7	0.0	-5.51E-14	-1003.1	0.0	76.1
01/01/18	09:00:00	69.9	-854.2	1226.2	12.6	0.0	0	-1003.3	0.0	69.9
01/01/18	09:30:00	69.9	-854.2	1226.2	12.6	0.0	2.776E-14	-1003.3	0.0	69.9
01/01/18	10:00:00	86.0	-818.1	1481.6	15.2	0.0	-8.67E-16	-1002.7	0.0	86.0
01/01/18	10:30:00	86.0	-818.1	1481.6	15.2	0.0	-8.33E-14	-1002.7	0.0	86.0
01/01/18	11:00:00	81.0	-829.4	1405.0	16.1	0.0	-8.28E-14	-1002.9	0.0	81.0
01/01/18	11:30:00	81.0	-829.4	1405.0	16.1	0.0	2.776E-14	-1002.9	0.0	81.0
01/01/18	12:00:00	77.7	-836.6	1353.9	16.4	0.0	-2.78E-14	-1003.0	0.0	77.7
01/01/18	12:30:00	77.7	-836.7	1353.9	15.2	0.0	-2.73E-14	-1003.0	0.0	77.7
01/01/18	13:00:00	98.2	-790.6	1660.4	14.1	0.0	0	-1002.3	0.0	98.2
01/01/18	13:30:00	98.2	-790.6	1660.4	14.1	0.0	2.732E-14	-1002.3	0.0	98.2
01/01/18	14:00:00	107.4	-769.7	1788.2	12.3	0.0	0	-1002.1	0.0	107.4
01/01/18	14:30:00	107.4	-769.7	1788.2	12.3	0.0	-2.86E-14	-1002.1	0.0	107.4
01/01/18	15:00:00	111.3	-761.1	1839.2	9.8	0.0	0	-1002.0	0.0	111.3
01/01/18	15:30:00	111.3	-761.1	1839.2	9.8	0.0	2.819E-14	-1002.0	0.0	111.3
01/01/18	16:00:00	113.2	-756.8	1864.8	6.4	0.0	-2.78E-14	-1001.9	0.0	113.2
01/01/18	16:30:00	113.2	-756.8	1864.8	6.4	0.0	2.862E-14	-1001.9	0.0	113.2
01/01/18	17:00:00	115.1	-752.5	1890.3	3.0	0.0	2.819E-14	-1001.9	0.0	115.1
01/01/18	17:30:00	115.1	-752.5	1890.3	3.0	0.0	4.337E-16	-1001.9	0.0	115.1
01/01/18	18:00:00	115.1	-752.5	1890.3	0.7	0.0	2.732E-14	-1001.9	0.0	115.1
01/01/18	18:30:00	115.1	-752.5	1890.3	0.7	0.0	8.674E-16	-1001.9	0.0	115.1
01/01/18	19:00:00	117.1	-748.1	1915.9	0.0	0.0	0	-1001.8	0.0	117.1
01/01/18	19:30:00	117.1	-748.1	1915.9	0.0	0.0	0	-1001.8	0.0	117.1
01/01/18	20:00:00	107.4	-770.0	1788.2	0.0	0.0	-5.59E-14	-1002.1	0.0	107.4
01/01/18	20:30:00	107.4	-770.0	1788.2	0.0	0.0	-4.34E-16	-1002.1	0.0	107.4
01/01/18	21:00:00	135.0	-707.5	2145.8	0.0	0.0	4.337E-16	-1001.3	0.0	135.0
01/01/18	21:30:00	135.0	-707.5	2145.8	0.0	0.0	-5.59E-14	-1001.3	0.0	135.0
01/01/18	22:00:00	129.0	-721.1	2069.1	0.0	0.0	0	-1001.5	0.0	129.0
01/01/18	22:30:00	129.0	-721.1	2069.1	0.0	0.0	5.464E-14	-1001.5	0.0	129.0
01/01/18	23:00:00	140.4	-694.9	2222.4	0.0	0.0	5.551E-14	-1001.3	0.0	140.4
01/01/18	23:30:00	140.4	-694.9	2222.4	0.0	0.0	-5.59E-14	-1001.3	0.0	140.4
01/02/18	00:00:00	89.4	-810.7	1532.7	0.0	0.0	4.337E-16	-1002.6	0.0	89.4