

All in One Power Curve for a single turbine

		watts							
m/s	mph	1m Tulip	2m Tulip	3m Tulip	5m Tulip	2m AL13	4m AL13	6m AL13	8m AL13
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	1.1	0.0	0.0	0.1	0.4	0.1	0.2	0.3	0.4
1.0	2.2	0.0	0.4	0.8	3.0	0.8	1.6	2.5	3.5
1.5	3.4	0.1	1.2	2.7	10.1	2.7	5.4	8.4	11.7
2.0	4.5	0.3	2.9	6.5	24.0	6.3	12.9	19.8	27.6
2.5	5.6	0.6	5.6	12.7	46.9	12.3	25.2	38.7	54.0
3.0	6.7	1.0	9.7	21.9	81.0	21.3	43.5	66.9	93.3
3.5	7.8	1.5	15.4	34.7	128.6	33.8	69.1	106.2	148.2
4.0	8.9	2.3	23.0	51.8	192.0	50.4	103.2	158.5	221.2
4.5	10.1	3.3	32.8	73.8	273.4	71.7	147.0	225.7	314.9
5.0	11.2	4.5	45.0	101.3	375.0	98.4	201.6	309.6	432.0
5.5	12.3	6.0	59.9	134.8	499.1	131.0	268.3	412.1	575.0
6.0	13.4	7.8	77.8	175.0	648.0	170.0	348.4	535.0	746.5
6.5	14.5	9.9	98.9	222.4	823.9	216.2	442.9	680.2	949.1
7.0	15.7	12.3	123.5	277.8	1,029.0	270.0	553.2	849.5	1,185.4
7.5	16.8	15.2	151.9	341.7	1,265.6	332.1	680.4	1,044.9	1,458.0
8.0	17.9	18.4	184.3	414.7	1,536.0	403.0	825.8	1,268.1	1,769.5
8.5	19.0	22.1	221.1	497.4	1,842.4	483.4	990.5	1,521.1	2,122.4
9.0	20.1	26.2	262.4	590.5	2,187.0	573.9	1,175.7	1,805.6	2,519.4
9.5	21.3	30.9	308.7	694.5	2,572.1	674.9	1,382.8	2,123.5	2,963.1
10.0	22.4	36.0	360.0	810.0	3,000.0	787.2	1,612.8	2,476.8	3,456.0
10.5	23.5	41.7	416.7	937.7	3,472.9	911.3	1,867.0	2,867.2	4,000.8
11.0	24.6	47.9	479.2	1,078.1	3,993.0	1,047.8	2,146.6	3,296.6	4,599.9
11.5	25.7	54.8	547.5	1,231.9	4,562.6	1,197.2	2,452.9	3,766.9	5,256.1
12.0	26.8	62.2	622.1	1,399.7	5,184.0	1,360.3	2,786.9	4,279.9	5,972.0
12.5	28.0	70.3	703.1	1,582.0	5,859.4	1,537.5	3,150.0	4,837.5	6,750.0
13.0	29.1	79.1	790.9	1,779.6	6,591.0	1,729.5	3,543.3	5,441.5	7,592.8
13.5	30.2	88.6	885.7	1,992.9	7,381.1	1,936.8	3,968.1	6,093.9	8,503.1
14.0	31.3	98.8	987.8	2,222.6	8,232.0	2,160.1	4,425.5	6,796.3	9,483.3
14.5	32.4	109.8	1,097.5	2,469.4	9,145.9	2,399.9	4,916.8	7,550.8	10,536.0
15.0	33.6	121.5	1,215.0	2,733.8	10,125.0	2,656.8	5,443.2	8,359.2	11,664.0

All in One Power Curve for each of 3 turbines

m/s	mph	watts							
		1m Tulip	2m Tulip	3m Tulip	5m Tulip	2m AL13	4m AL13	6m AL13	8m AL13
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	1.1	0.0	0.1	0.2	0.7	0.2	0.4	0.5	0.8
1.0	2.2	0.1	0.6	1.4	5.3	1.4	2.8	4.3	6.0
1.5	3.4	0.2	2.1	4.8	17.7	4.6	9.5	14.6	20.4
2.0	4.5	0.5	5.0	11.3	42.0	11.0	22.6	34.7	48.4
2.5	5.6	1.0	9.8	22.1	82.0	21.5	44.1	67.7	94.5
3.0	6.7	1.7	17.0	38.3	141.8	37.2	76.2	117.0	163.3
3.5	7.8	2.7	27.0	60.8	225.1	59.1	121.0	185.8	259.3
4.0	8.9	4.0	40.3	90.7	336.0	88.2	180.6	277.4	387.1
4.5	10.1	5.7	57.4	129.2	478.4	125.5	257.2	395.0	551.1
5.0	11.2	7.9	78.8	177.2	656.3	172.2	352.8	541.8	756.0
5.5	12.3	10.5	104.8	235.8	873.5	229.2	469.6	721.1	1,006.2
6.0	13.4	13.6	136.1	306.2	1,134.0	297.6	609.6	936.2	1,306.4
6.5	14.5	17.3	173.0	389.3	1,441.8	378.3	775.1	1,190.3	1,660.9
7.0	15.7	21.6	216.1	486.2	1,800.8	472.5	968.1	1,486.7	2,074.5
7.5	16.8	26.6	265.8	598.0	2,214.8	581.2	1,190.7	1,828.6	2,551.5
8.0	17.9	32.3	322.6	725.8	2,688.0	705.3	1,445.1	2,219.2	3,096.6
8.5	19.0	38.7	386.9	870.5	3,224.2	846.0	1,733.3	2,661.9	3,714.2
9.0	20.1	45.9	459.3	1,033.4	3,827.3	1,004.3	2,057.5	3,159.8	4,409.0
9.5	21.3	54.0	540.1	1,215.3	4,501.2	1,181.1	2,419.9	3,716.2	5,185.4
10.0	22.4	63.0	630.0	1,417.5	5,250.0	1,377.6	2,822.4	4,334.4	6,048.0
10.5	23.5	72.9	729.3	1,640.9	6,077.5	1,594.7	3,267.3	5,017.6	7,001.3
11.0	24.6	83.9	838.5	1,886.7	6,987.8	1,833.6	3,756.6	5,769.1	8,049.9
11.5	25.7	95.8	958.2	2,155.8	7,984.6	2,095.2	4,292.5	6,592.1	9,198.3
12.0	26.8	108.9	1,088.6	2,449.4	9,072.0	2,380.5	4,877.1	7,489.8	10,450.9
12.5	28.0	123.0	1,230.5	2,768.6	10,253.9	2,690.6	5,512.5	8,465.6	11,812.5
13.0	29.1	138.4	1,384.1	3,114.2	11,534.3	3,026.6	6,200.8	9,522.7	13,287.5
13.5	30.2	155.0	1,550.0	3,487.6	12,917.0	3,389.4	6,944.2	10,664.2	14,880.3
14.0	31.3	172.9	1,728.7	3,889.6	14,406.0	3,780.1	7,744.7	11,893.6	16,595.7
14.5	32.4	192.1	1,920.6	4,321.4	16,005.3	4,199.8	8,604.4	13,214.0	18,438.1
15.0	33.6	212.6	2,126.3	4,784.1	17,718.8	4,649.4	9,525.6	14,628.6	20,412.0

All in One Power Curve for each of 5 turbines

m/s	mph	watts							
		1m Tulip	2m Tulip	3m Tulip	5m Tulip	2m AL13	4m AL13	6m AL13	8m AL13
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	1.1	0.0	0.1	0.2	0.9	0.2	0.5	0.7	1.0
1.0	2.2	0.1	0.8	1.8	6.8	1.8	3.7	5.6	7.9
1.5	3.4	0.3	2.8	6.2	23.1	6.1	12.4	19.1	26.6
2.0	4.5	0.7	6.6	14.8	54.7	14.4	29.4	45.2	63.0
2.5	5.6	1.3	12.8	28.9	106.9	28.0	57.5	88.2	123.1
3.0	6.7	2.2	22.2	49.9	184.7	48.5	99.3	152.5	212.8
3.5	7.8	3.5	35.2	79.2	293.3	77.0	157.7	242.1	337.8
4.0	8.9	5.3	52.5	118.2	437.8	114.9	235.3	361.4	504.3
4.5	10.1	7.5	74.8	168.3	623.3	163.6	335.1	514.6	718.0
5.0	11.2	10.3	102.6	230.9	855.0	224.4	459.6	705.9	985.0
5.5	12.3	13.7	136.6	307.3	1,138.0	298.6	611.8	939.5	1,311.0
6.0	13.4	17.7	177.3	398.9	1,477.4	387.7	794.3	1,219.8	1,702.0
6.5	14.5	22.5	225.4	507.2	1,878.4	492.9	1,009.8	1,550.8	2,164.0
7.0	15.7	28.2	281.5	633.5	2,346.1	615.6	1,261.3	1,937.0	2,702.7
7.5	16.8	34.6	346.3	779.1	2,885.6	757.2	1,551.3	2,382.4	3,324.2
8.0	17.9	42.0	420.2	945.6	3,502.1	918.9	1,882.7	2,891.3	4,034.4
8.5	19.0	50.4	504.1	1,134.2	4,200.6	1,102.2	2,258.3	3,468.0	4,839.1
9.0	20.1	59.8	598.4	1,346.3	4,986.4	1,308.4	2,680.7	4,116.7	5,744.3
9.5	21.3	70.4	703.7	1,583.4	5,864.4	1,538.8	3,152.7	4,841.7	6,755.8
10.0	22.4	82.1	820.8	1,846.8	6,840.0	1,794.8	3,677.2	5,647.1	7,879.7
10.5	23.5	95.0	950.2	2,137.9	7,918.2	2,077.7	4,256.8	6,537.2	9,121.7
11.0	24.6	109.2	1,092.5	2,458.1	9,104.0	2,388.9	4,894.3	7,516.3	10,487.9
11.5	25.7	124.8	1,248.3	2,808.8	10,402.8	2,729.7	5,592.5	8,588.5	11,984.0
12.0	26.8	141.8	1,418.3	3,191.3	11,819.5	3,101.4	6,354.2	9,758.2	13,616.1
12.5	28.0	160.3	1,603.1	3,607.0	13,359.4	3,505.5	7,182.0	11,029.5	15,390.0
13.0	29.1	180.3	1,803.3	4,057.4	15,027.5	3,943.2	8,078.8	12,406.7	17,311.7
13.5	30.2	201.9	2,019.5	4,543.8	16,829.0	4,415.9	9,047.3	13,894.0	19,387.0
14.0	31.3	225.2	2,252.3	5,067.6	18,769.0	4,925.0	10,090.2	15,495.7	21,621.8
14.5	32.4	250.2	2,502.3	5,630.2	20,852.6	5,471.7	11,210.4	17,215.9	24,022.2
15.0	33.6	277.0	2,770.2	6,233.0	23,085.0	6,057.5	12,410.5	19,059.0	26,593.9

All in One Power Curve for each of 10 turbines

		watts							
m/s	mph	1m Tulip	2m Tulip	3m Tulip	5m Tulip	2m AL13	4m AL13	6m AL13	8m AL13
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	1.1	0.0	0.2	0.5	1.7	0.4	0.9	1.4	1.9
1.0	2.2	0.2	1.6	3.6	13.5	3.5	7.3	11.1	15.6
1.5	3.4	0.5	5.5	12.3	45.6	12.0	24.5	37.6	52.5
2.0	4.5	1.3	13.0	29.2	108.0	28.3	58.1	89.2	124.4
2.5	5.6	2.5	25.3	57.0	210.9	55.4	113.4	174.2	243.0
3.0	6.7	4.4	43.7	98.4	364.5	95.6	196.0	300.9	419.9
3.5	7.8	6.9	69.5	156.3	578.8	151.9	311.2	477.9	666.8
4.0	8.9	10.4	103.7	233.3	864.0	226.7	464.5	713.3	995.3
4.5	10.1	14.8	147.6	332.2	1,230.2	322.8	661.3	1,015.6	1,417.2
5.0	11.2	20.3	202.5	455.6	1,687.5	442.8	907.2	1,393.2	1,944.0
5.5	12.3	27.0	269.5	606.4	2,246.1	589.4	1,207.5	1,854.3	2,587.5
6.0	13.4	35.0	349.9	787.3	2,916.0	765.2	1,567.6	2,407.4	3,359.2
6.5	14.5	44.5	444.9	1,001.0	3,707.4	972.8	1,993.1	3,060.9	4,271.0
7.0	15.7	55.6	555.7	1,250.2	4,630.5	1,215.0	2,489.4	3,822.9	5,334.3
7.5	16.8	68.3	683.4	1,537.7	5,695.3	1,494.5	3,061.8	4,702.1	6,561.0
8.0	17.9	82.9	829.4	1,866.2	6,912.0	1,813.7	3,715.9	5,706.5	7,962.6
8.5	19.0	99.5	994.9	2,238.5	8,290.7	2,175.5	4,457.1	6,844.8	9,550.9
9.0	20.1	118.1	1,181.0	2,657.2	9,841.5	2,582.4	5,290.8	8,125.1	11,337.4
9.5	21.3	138.9	1,388.9	3,125.1	11,574.6	3,037.2	6,222.5	9,556.0	13,333.9
10.0	22.4	162.0	1,620.0	3,645.0	13,500.0	3,542.4	7,257.6	11,145.6	15,552.0
10.5	23.5	187.5	1,875.4	4,219.5	15,627.9	4,100.8	8,401.6	12,902.4	18,003.4
11.0	24.6	215.6	2,156.2	4,851.5	17,968.5	4,714.9	9,659.9	14,834.8	20,699.7
11.5	25.7	246.4	2,463.8	5,543.6	20,531.8	5,387.5	11,037.9	16,951.1	23,652.6
12.0	26.8	279.9	2,799.4	6,298.6	23,328.0	6,121.3	12,541.1	19,259.6	26,873.9
12.5	28.0	316.4	3,164.1	7,119.1	26,367.2	6,918.8	14,175.0	21,768.8	30,375.0
13.0	29.1	355.9	3,559.1	8,008.1	29,659.5	7,782.7	15,944.9	24,486.9	34,167.7
13.5	30.2	398.6	3,985.8	8,968.1	33,215.1	8,715.6	17,856.4	27,422.4	38,263.8
14.0	31.3	444.5	4,445.3	10,001.9	37,044.0	9,720.3	19,914.9	30,583.5	42,674.7
14.5	32.4	493.9	4,938.8	11,112.2	41,156.4	10,799.4	22,125.7	33,978.8	47,412.2
15.0	33.6	546.8	5,467.5	12,301.9	45,562.5	11,955.6	24,494.4	37,616.4	52,488.0