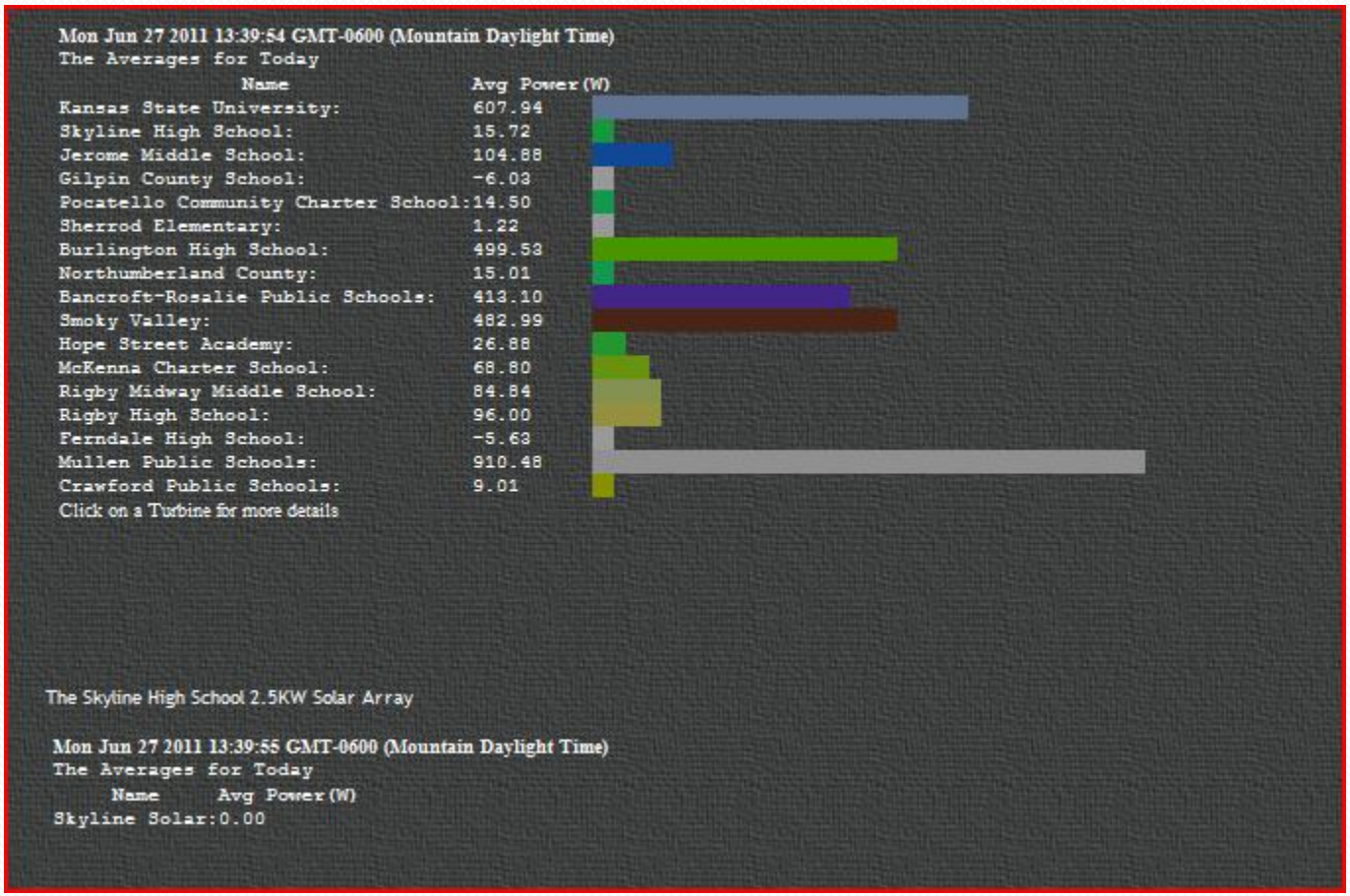
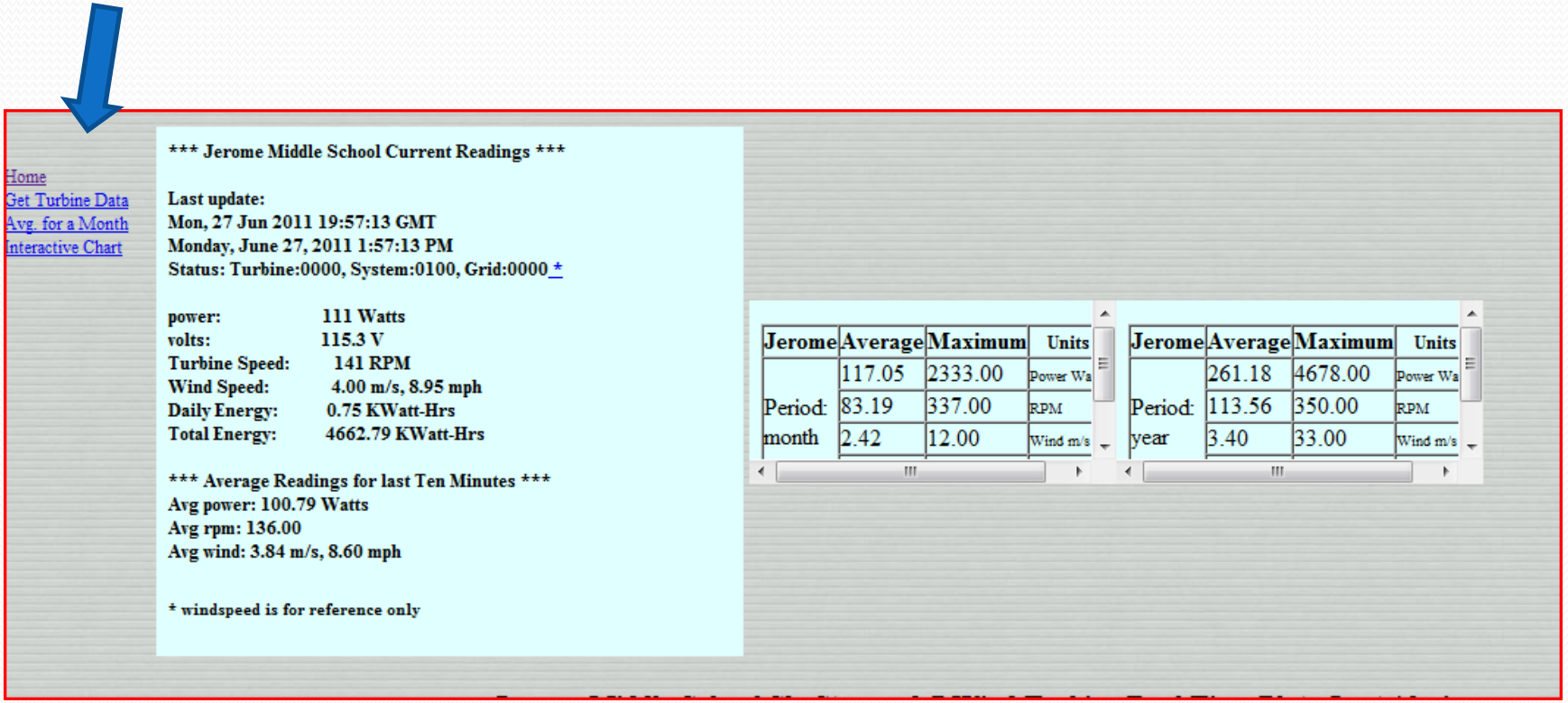
Go to the url: http://wind-for-schools.caesenergy.org

Scroll down and find listing of schools with turbines. Pick and click on school /turbine of your choice to find data, (schools with long colored lines after the name are ones that are producing the most energy at the given time.)



Look on left hand side and choose "Get Turbine Data."



Home
Get Turbine Data
Avg. for a Month
Interactive Chart

***** Jerome Middle School Current Readings *****

Last update:
Mon, 27 Jun 2011 19:57:13 GMT
Monday, June 27, 2011 1:57:13 PM
Status: Turbine:0000, System:0100, Grid:0000 *

power:	**111 Watts**
volts:	**115.3 V**
Turbine Speed:	**141 RPM**
Wind Speed:	**4.00 m/s, 8.95 mph**
Daily Energy:	**0.75 KWatt-Hrs**
Total Energy:	**4662.79 KWatt-Hrs**

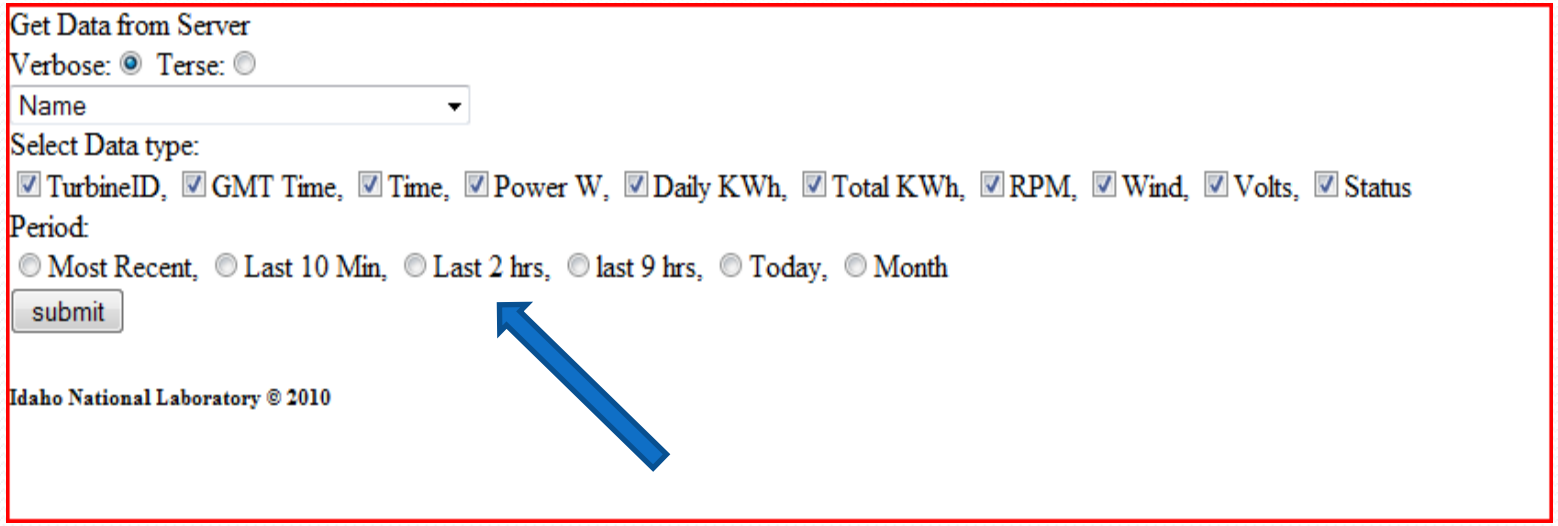
***** Average Readings for last Ten Minutes *****
Avg power: 100.79 Watts
Avg rpm: 136.00
Avg wind: 3.84 m/s, 8.60 mph

*** windspeed is for reference only**

Jerome	Average	Maximum	Units
	117.05	2333.00	Power Wa
Period:	83.19	337.00	RPM
month	2.42	12.00	Wind m/s

Jerome	Average	Maximum	Units
	261.18	4678.00	Power Wa
Period:	113.56	350.00	RPM
year	3.40	33.00	Wind m/s

On this page choose again the school you want data from using the drop down box and then click on the amount of data you want to look at (we recommend last two hours). Click on submit.



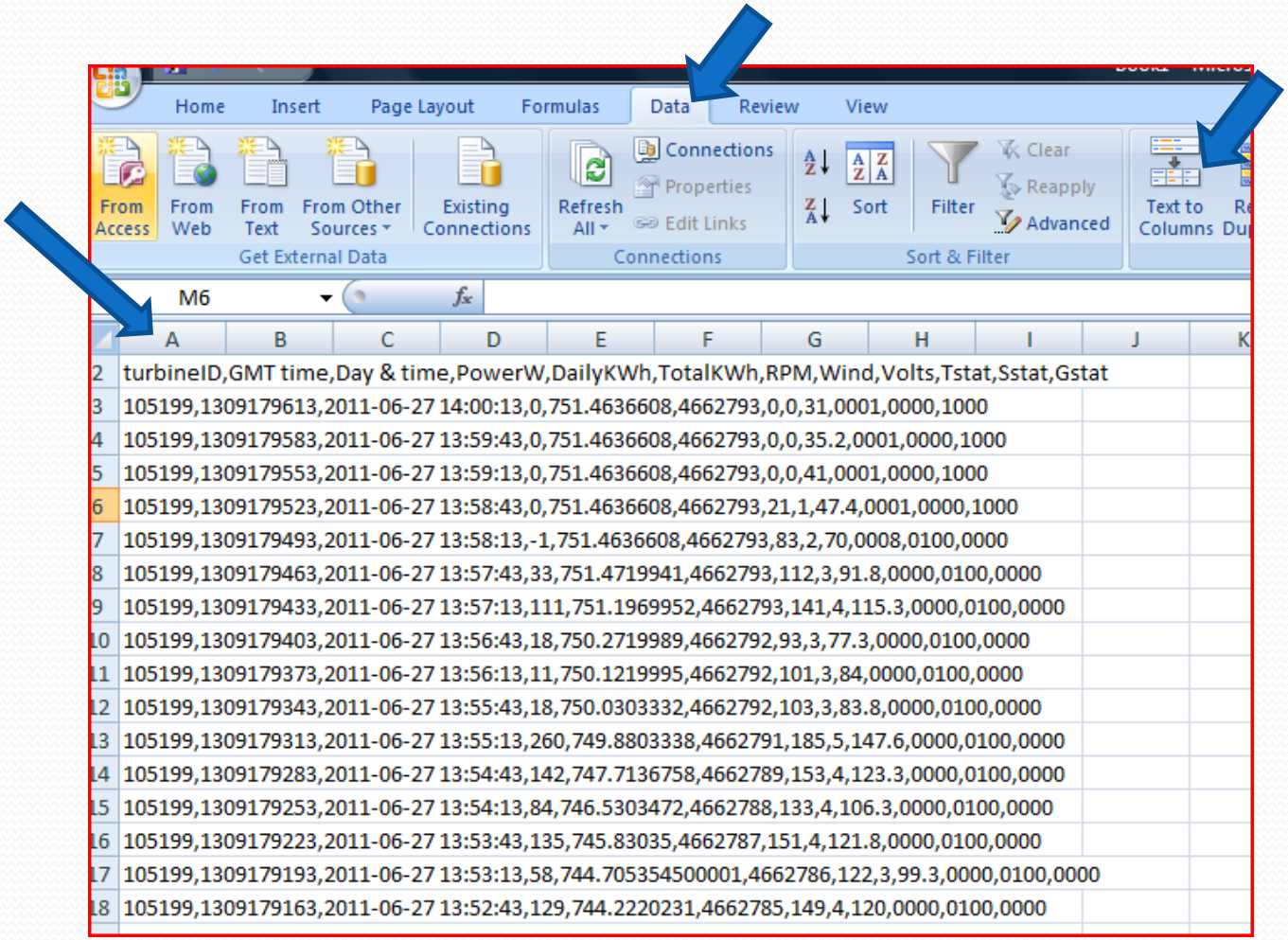
On this page right click and choose select all and then copy. Now open an excel document and paste.

Turbine: Jerome Middle School: 06/27/2011 Idaho National Laboratory © 2010

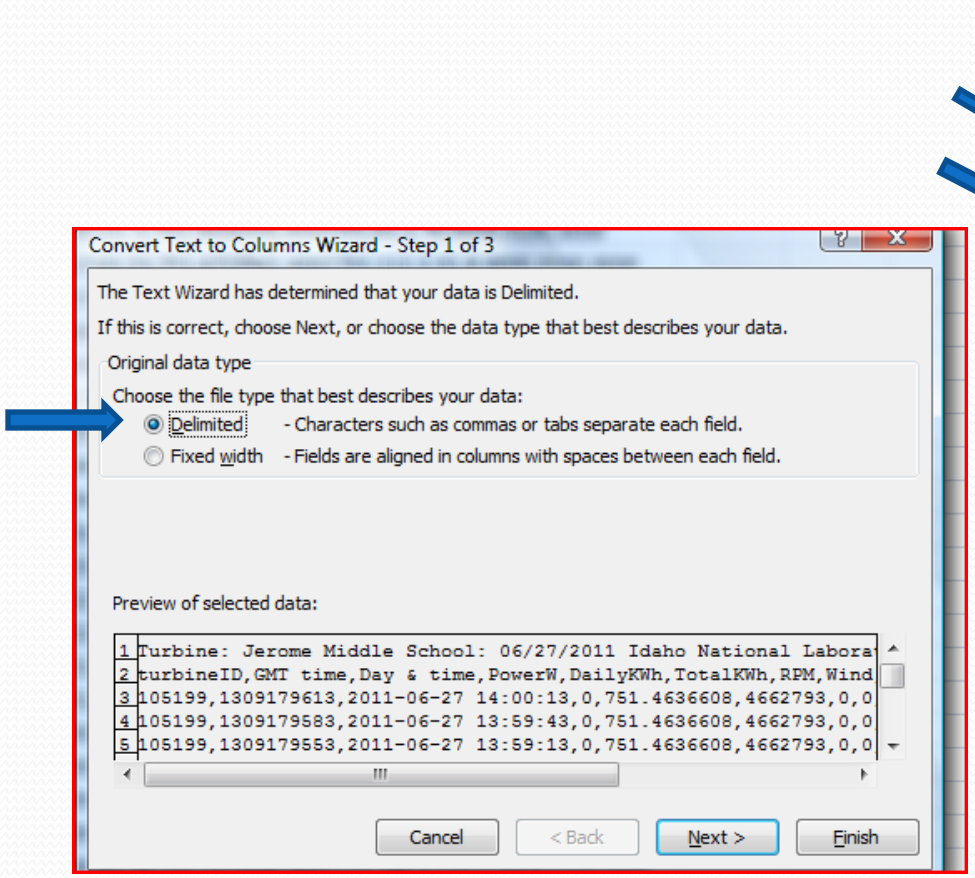
turbineID,GMT time,Day & time,PowerW,DailyKWh,TotalKWh,RPM,Wind,Volts,Tstat,Sstat,Gstat

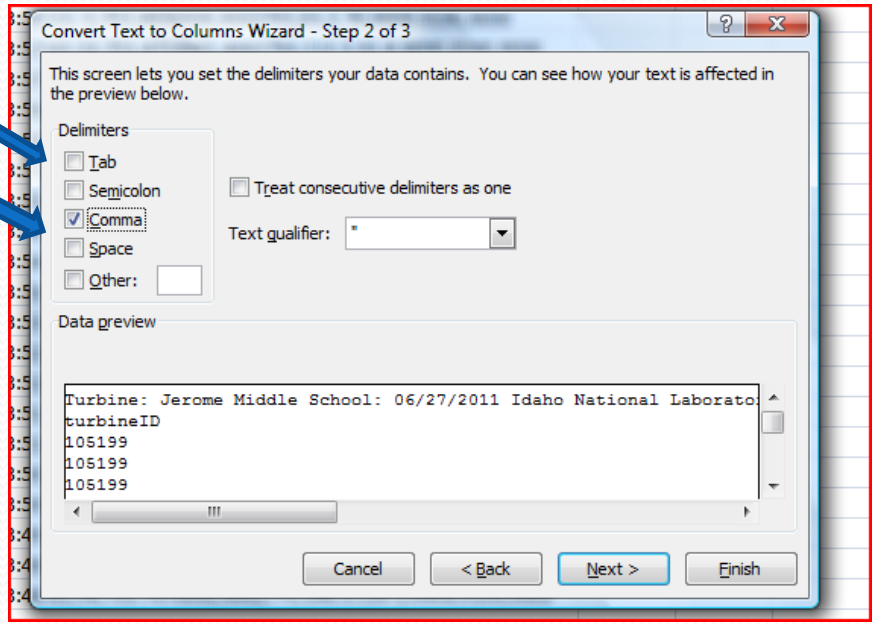
105199,1309179613,2011-06-27 14:00:13,0,751.4636608,4662793,0,0,31,0001,0000,1000
105199,1309179583,2011-06-27 13:59:43,0,751.4636608,4662793,0,0,35.2,0001,0000,1000
105199,1309179553,2011-06-27 13:59:13,0,751.4636608,4662793,0,0,41,0001,0000,1000
105199,1309179523,2011-06-27 13:58:43,0,751.4636608,4662793,21,1,47.4,0001,0000,1000
105199,1309179493,2011-06-27 13:58:13,-1,751.4636608,4662793,83,2,70,0008,0100,0000
105199,1309179463,2011-06-27 13:57:43,33,751.4719941,4662793,112,3,91.8,0000,0100,0000
105199,1309179433,2011-06-27 13:57:13,111,751.1969952,4662793,141,4,115.3,0000,0100,0000
105199,1309179403,2011-06-27 13:56:43,18,750.2719989,4662792,93,3,77.3,0000,0100,0000
105199,1309179373,2011-06-27 13:56:13,11,750.1219995,4662792,101,3,84,0000,0100,0000
105199,1309179343,2011-06-27 13:55:43,18,750.0303332,4662792,103,3,83.8,0000,0100,0000
105199,1309179313,2011-06-27 13:55:13,260,749.8803338,4662791,185,5,147.6,0000,0100,0000
105199,1309179283,2011-06-27 13:54:43,142,747.7136758,4662789,153,4,123.3,0000,0100,0000
105199,1309179253,2011-06-27 13:54:13,84,746.5303472,4662788,133,4,106.3,0000,0100,0000
105199,1309179223,2011-06-27 13:53:43,135,745.83035,4662787,151,4,121.8,0000,0100,0000
105199,1309179193,2011-06-27 13:53:13,58,744.705354500001,4662786,122,3,99.3,0000,0100,0000
105199,1309179163,2011-06-27 13:52:43,129,744.2220231,4662785,149,4,120,0000,0100,0000
105199,1309179133,2011-06-27 13:52:13,120,743.1470274,4662785,146,4,117.2,0000,0100,0000
105199,1309179103,2011-06-27 13:51:43,144,742.1470314,4662783,154,4,125.3,0000,0100,0000
105199,1309179073,2011-06-27 13:51:13,201,740.9470362,4662782,171,5,136.2,0000,0100,0000
105199,1309179043,2011-06-27 13:50:43,186,739.2720429,4662780,167,5,133.5,0000,0100,0000
105199,1309179013,2011-06-27 13:50:13,227,737.7220491,4662778,201,5,158,0000,0100,0000
105199,1309178983,2011-06-27 13:49:43,30,735.83039,4662777,119,3,98.6,0000,0100,0000
105199,1309178953,2011-06-27 13:49:13,214,735.580391,4662776,207,5,163.9,0000,0100,0000
105199,1309178923,2011-06-27 13:48:43,54,733.7970648,4662775,146,3,120.2,0008,0100,0000
105199,1309178893,2011-06-27 13:48:13,4,733.3470666,4662775,91,3,73.7,0000,0100,0000
105199,1309178863,2011-06-27 13:47:43,73,733.3137334,4662775,128,4,105.2,0000,0100,0000
105199,1309178833,2011-06-27 13:47:13,34,732.7054025,4662774,113,3,92.7,0000,0100,0000
105199,1309178803,2011-06-27 13:46:43,54,732.4220703,4662774,120,3,97.2,0000,0100,0000

Using excel document click on data tab at top of page, then click on the letter A to highlight the A column. Then click on “Text to Columns.”

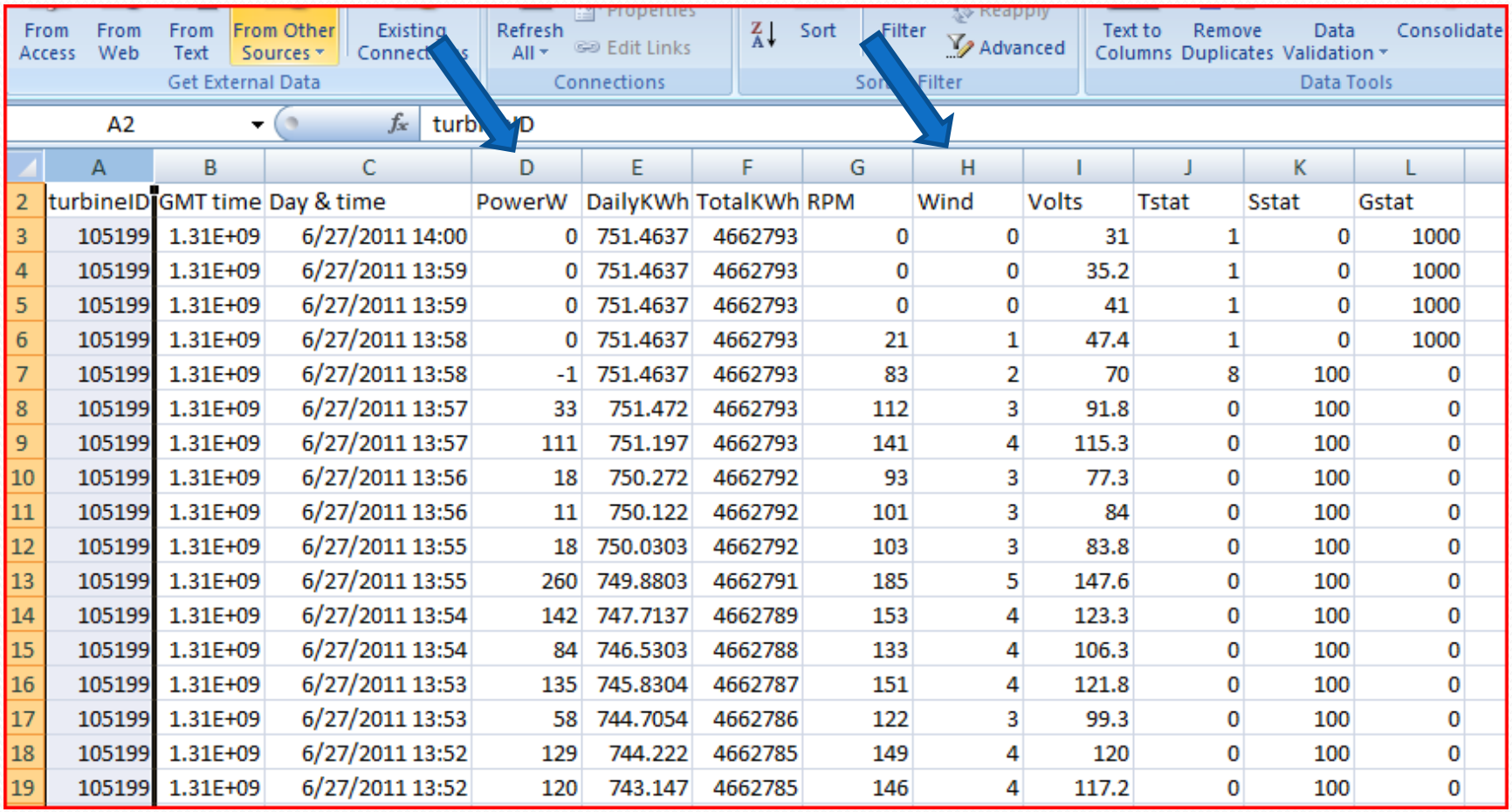


First step of “Text to Column” click on delimited then, next (on bottom). Second step, unclick tab and click on comma, then click finish.





This is what your finished excel document will look like. Power W column is the energy output and wind column is wind speed.



	A	B	C	D	E	F	G	H	I	J	K	L
2	turbineID	GMT time	Day & time	PowerW	DailyKWh	TotalKWh	RPM	Wind	Volts	Tstat	Sstat	Gstat
3	105199	1.31E+09	6/27/2011 14:00	0	751.4637	4662793	0	0	31	1	0	1000
4	105199	1.31E+09	6/27/2011 13:59	0	751.4637	4662793	0	0	35.2	1	0	1000
5	105199	1.31E+09	6/27/2011 13:59	0	751.4637	4662793	0	0	41	1	0	1000
6	105199	1.31E+09	6/27/2011 13:58	0	751.4637	4662793	21	1	47.4	1	0	1000
7	105199	1.31E+09	6/27/2011 13:58	-1	751.4637	4662793	83	2	70	8	100	0
8	105199	1.31E+09	6/27/2011 13:57	33	751.472	4662793	112	3	91.8	0	100	0
9	105199	1.31E+09	6/27/2011 13:57	111	751.197	4662793	141	4	115.3	0	100	0
10	105199	1.31E+09	6/27/2011 13:56	18	750.272	4662792	93	3	77.3	0	100	0
11	105199	1.31E+09	6/27/2011 13:56	11	750.122	4662792	101	3	84	0	100	0
12	105199	1.31E+09	6/27/2011 13:55	18	750.0303	4662792	103	3	83.8	0	100	0
13	105199	1.31E+09	6/27/2011 13:55	260	749.8803	4662791	185	5	147.6	0	100	0
14	105199	1.31E+09	6/27/2011 13:54	142	747.7137	4662789	153	4	123.3	0	100	0
15	105199	1.31E+09	6/27/2011 13:54	84	746.5303	4662788	133	4	106.3	0	100	0
16	105199	1.31E+09	6/27/2011 13:53	135	745.8304	4662787	151	4	121.8	0	100	0
17	105199	1.31E+09	6/27/2011 13:53	58	744.7054	4662786	122	3	99.3	0	100	0
18	105199	1.31E+09	6/27/2011 13:52	129	744.222	4662785	149	4	120	0	100	0
19	105199	1.31E+09	6/27/2011 13:52	120	743.147	4662785	146	4	117.2	0	100	0