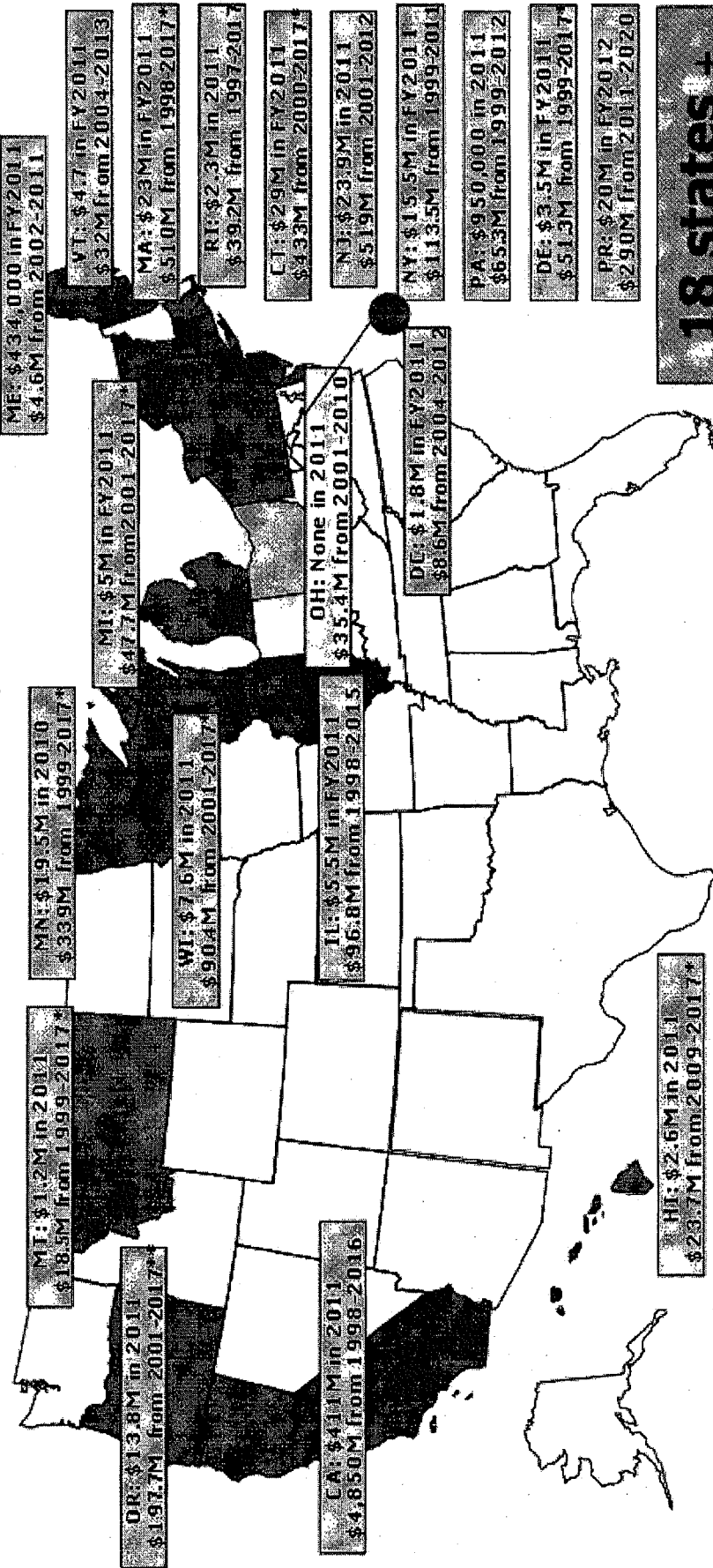


EXHIBIT 15

Public Benefits Funds for Renewables

www.dsireusa.org / October 2011 (estimated collections)



18 states + DC & PR have public benefits funds (\$7.8 billion by 2017)

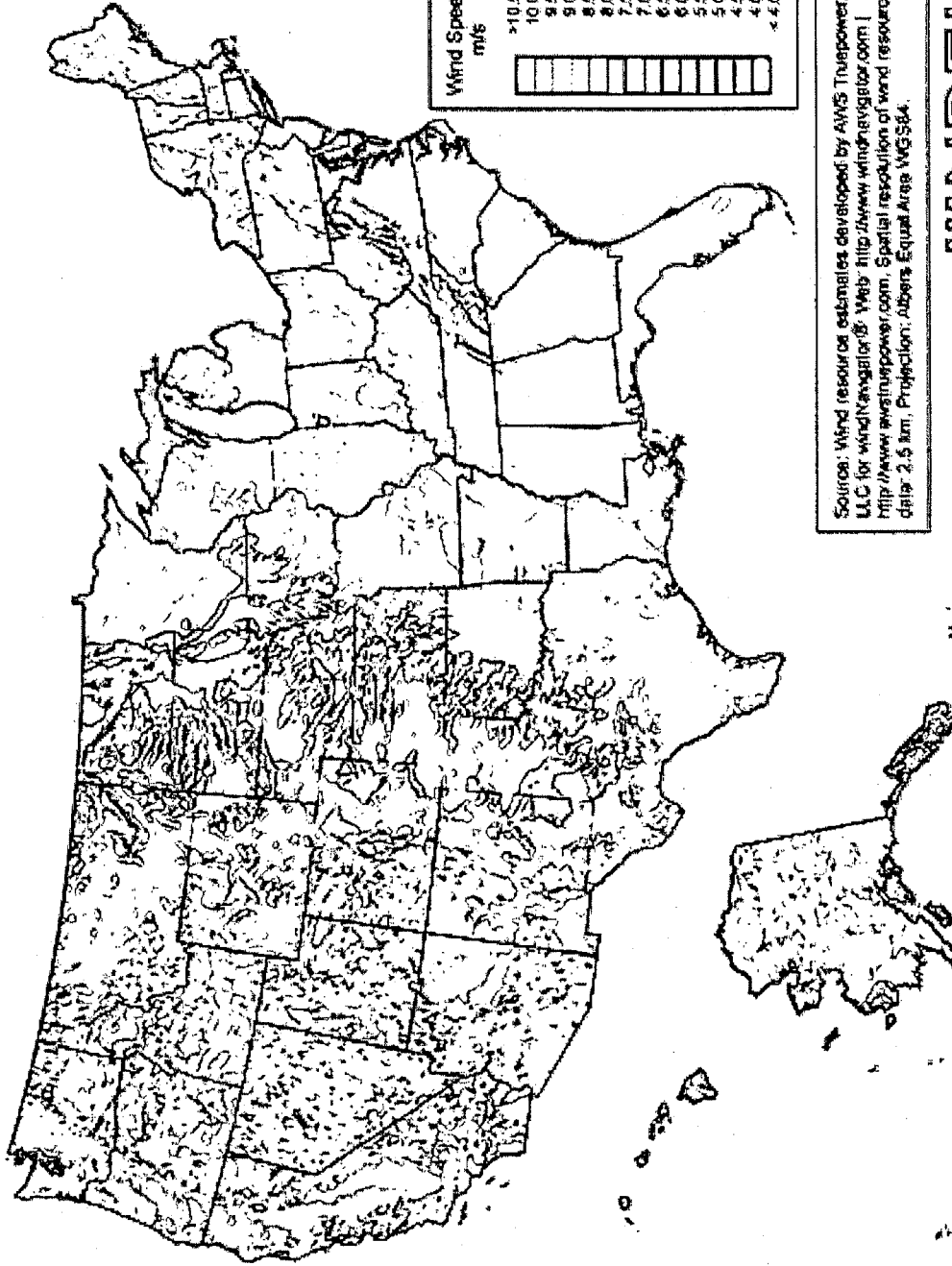
Active State PBF
 Closed State PBF
 Puerto Rico

*Fund does not have a specified expiration date
 ***The Oregon Energy Trust is scheduled to expire in 2025

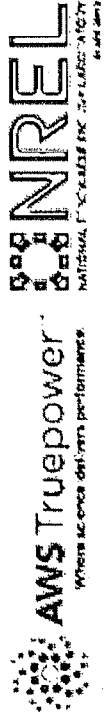
(NOTE: Slides 2-10 explain the methodology for calculating funding estimates.)

U. S. Wind Resource 80 m

X



Sources: Wind resource estimates developed by AWS Truepower, LLC for windNavigator®. Web: <http://www.windnavigator.com> | <http://www.awstruepower.com>. Spatial resolution of wind resource data: 2.5 km, Projection: Albers Equal Area WGS 84.



Urban Power USA

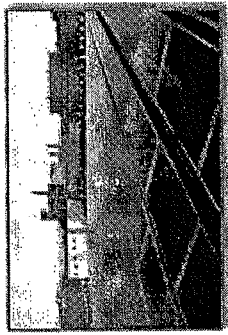


Wind Energy Projections

- By 2017 wind power installations will represent \$153 billion global industry, up from \$77 billion in 2011 *Source: Pike Research*
- Cumulative investment in new wind power capacity will reach \$820 billion, total wind generation capacity, including both onshore and offshore projects, will increase from 235.8 gigawatts (GW) in 2011 to 562.9 GW.

Massachusetts Renewable Energy Goals

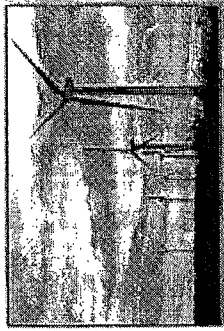
61 MW



Total solar capacity installed in Massachusetts as of October 1, 2011

Goal: 250 MW by 2017

40 MW



Total wind capacity installed in Massachusetts as of October 1, 2011

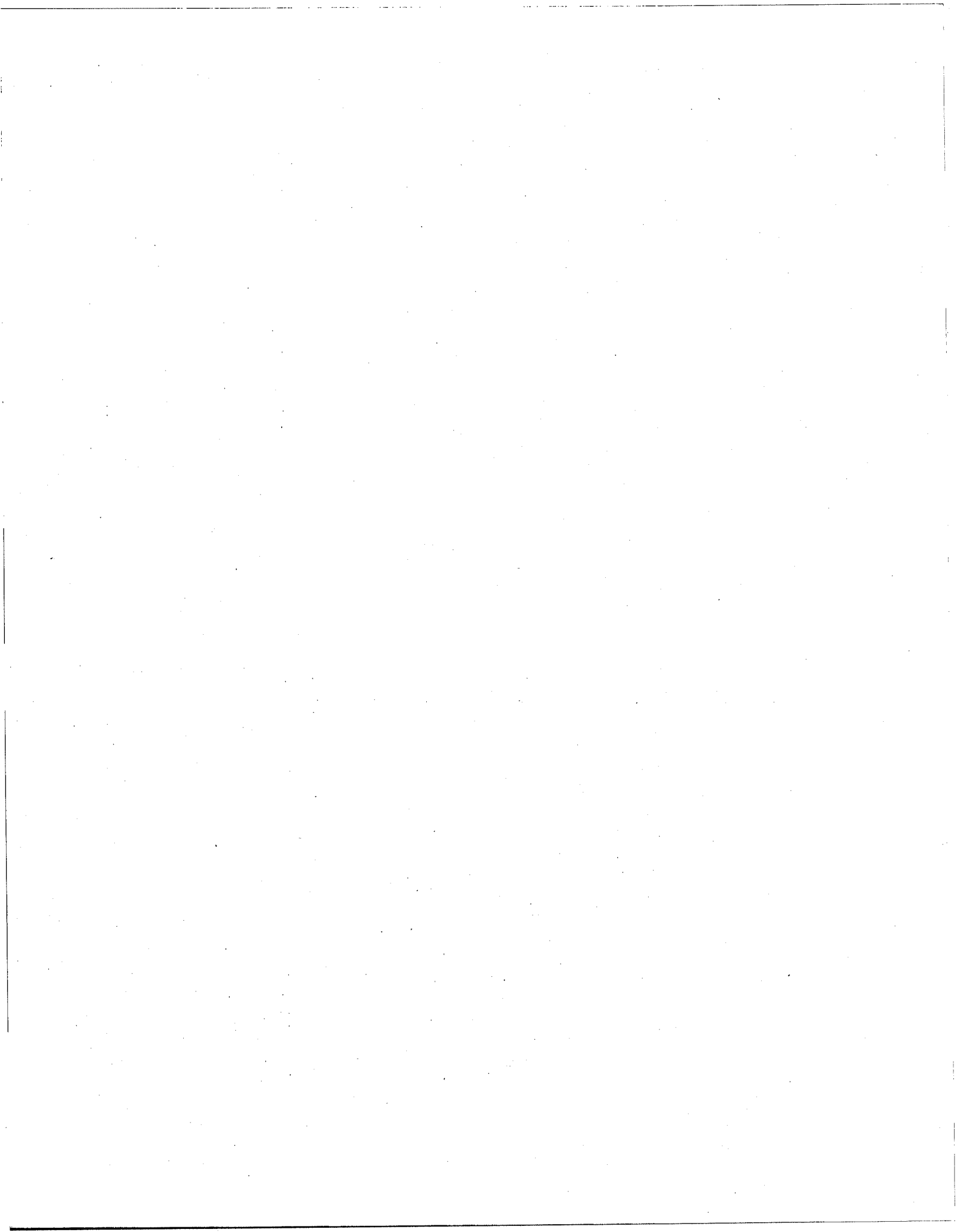
Goal: 2,000 MW by 2020

The Patrick-Murray Administration set ambitious renewable energy goals to ensure a cleaner energy future for the Commonwealth. Click this image to see more details on how Massachusetts is progressing toward these goals.



Creating a Cleaner Energy Future for the Commonwealth

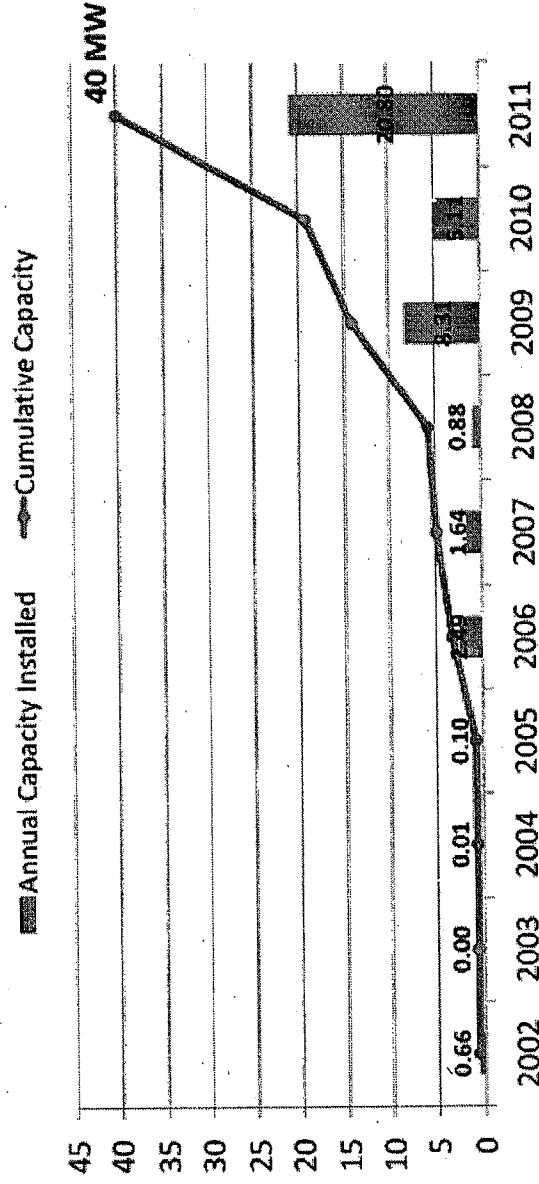
Urban Power USA



Massachusetts Wind Energy

Growth

Installed Wind Capacity in Massachusetts



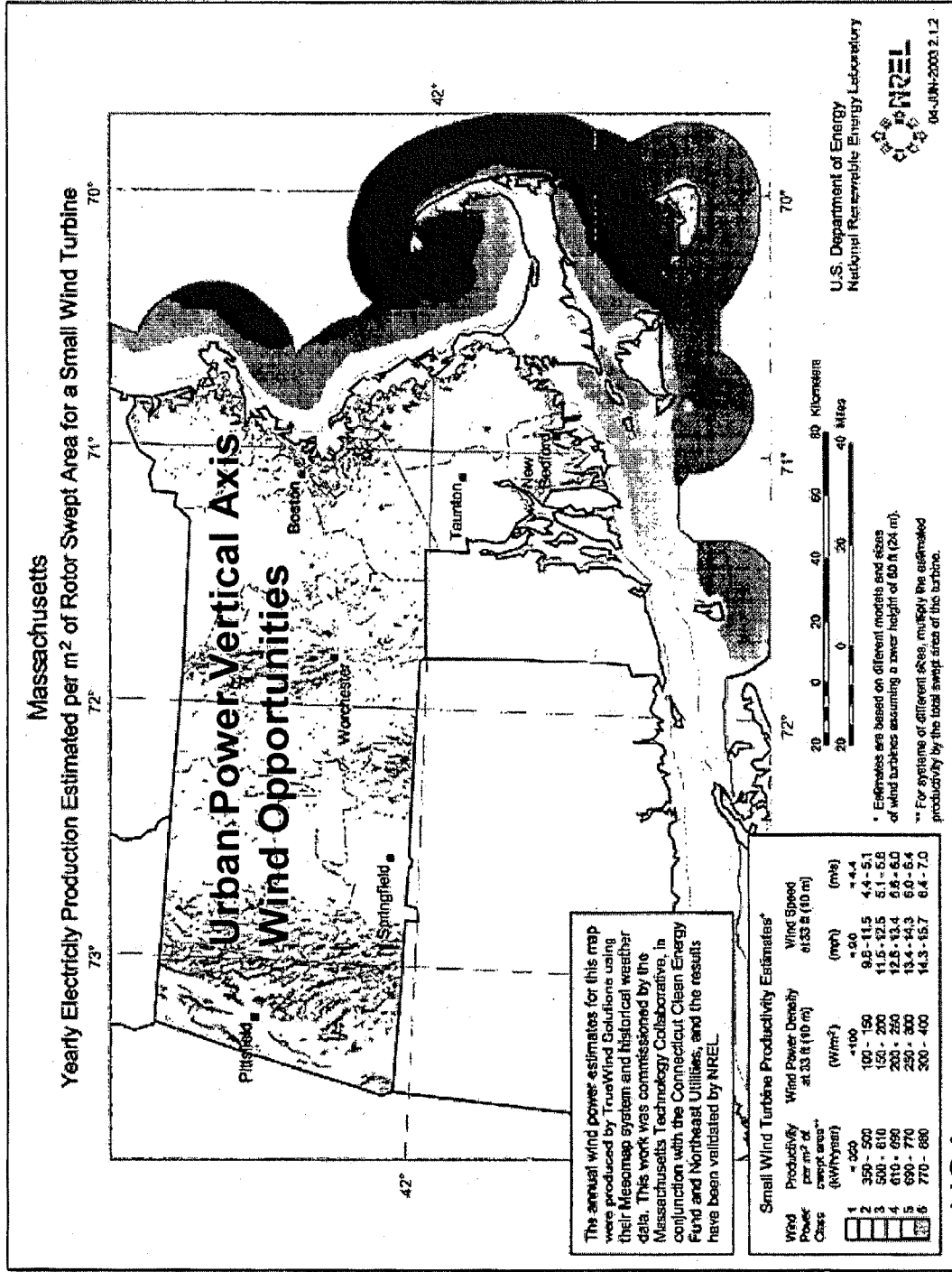
The Patrick-Murray Administration set a goal to have 2,000 MW of wind energy installed in Massachusetts by 2020. The above figures represent the cumulative amount installed as of October 1, 2011.



Creating a Cleaner Energy Future for the Commonwealth

Urban Power USA

Massachusetts Wind Energy Profile





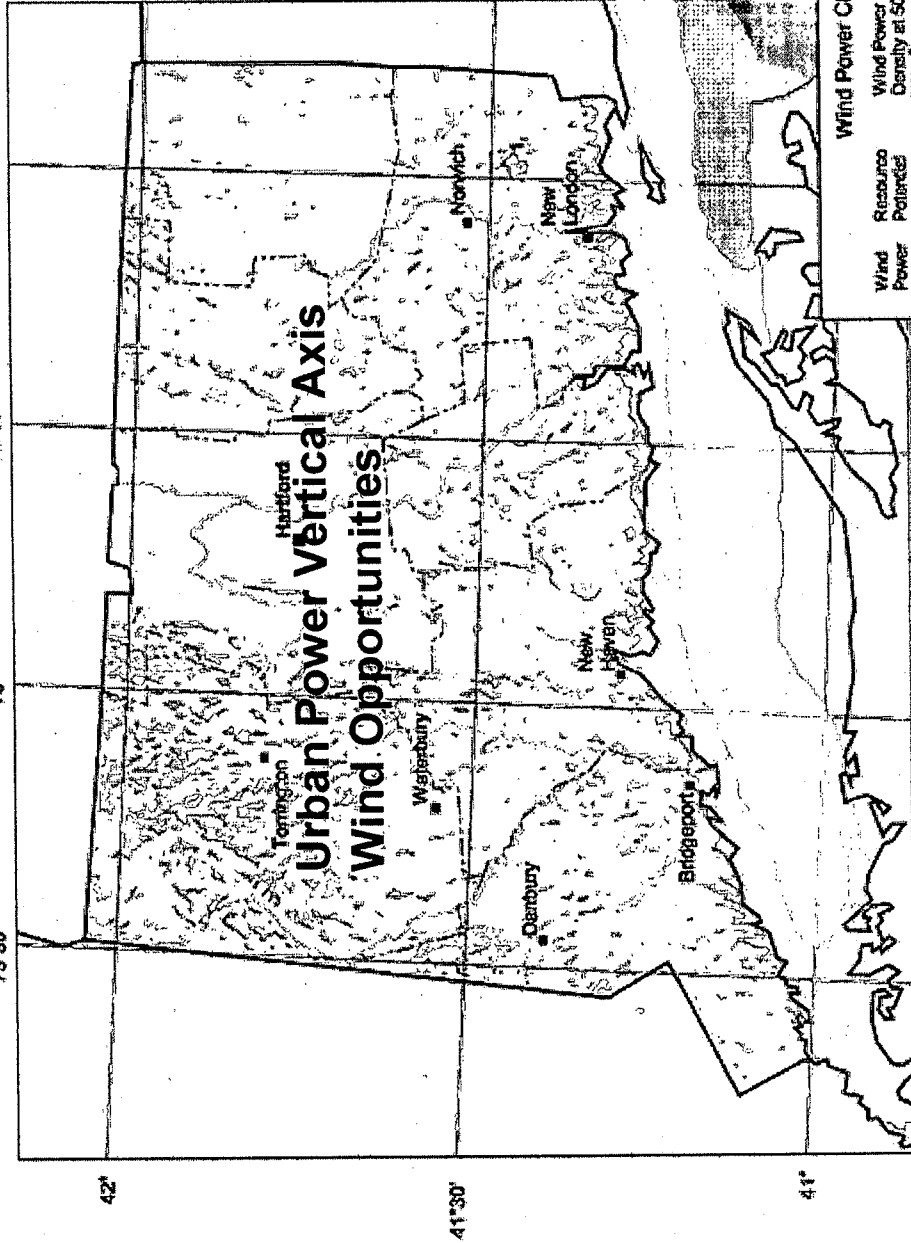
Connecticut Clean Energy Fund Wind Demonstration Program

- Three of Four Small Wind Projects were installed in September 2010 - all horizontal

Axis Turbines:

- Coventry, CT - Coventry High School (5KW - 621 kwh generated)
- Lebanon, CT - Lebanon High School (10 KW - 4,691 kWh generated)
- Meriden, CT - YMCA Mountain Day Mist Camp (6KW - 2,668 kWh generated)

Connecticut Wind Energy Profile



Connecticut
50 m Wind Power

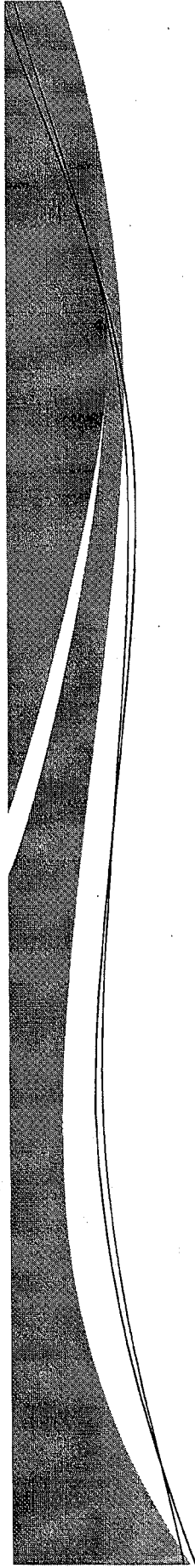
The annual wind power estimates for this map were produced by TrueWind Solutions using their Mesomap system and historical weather data. This work was commissioned by the Massachusetts Technology Collaborative, in conjunction with the Connecticut Clean Energy Fund and Northeast Utilities, and the results have been validated by NREL.

Wind Power Class	Resource Potential	Wind Power Density at 50 m W_{m^2}	Wind Speed at 50 m mph	Wind Speed at 50 m mph
1	Poor	0 - 200	0.0 - 5.6	0.0 - 12.5
2	Marginal	200 - 300	5.6 - 6.4	12.5 - 14.3
3	Fair	300 - 400	6.4 - 7.0	14.3 - 15.7
4	Good	400 - 600	7.0 - 7.5	15.7 - 16.8
5	Excellent	600 - 800	7.5 - 8.0	16.8 - 17.9
6	Outstanding	800 - 800	8.0 - 8.8	17.9 - 19.7
7	Superb	> 800	> 8.8	> 19.7

* Wind speeds are based on a Weibull k value of 2.0


U.S. Department of Energy
National Renewable Energy Laboratory





Small Wind Systems

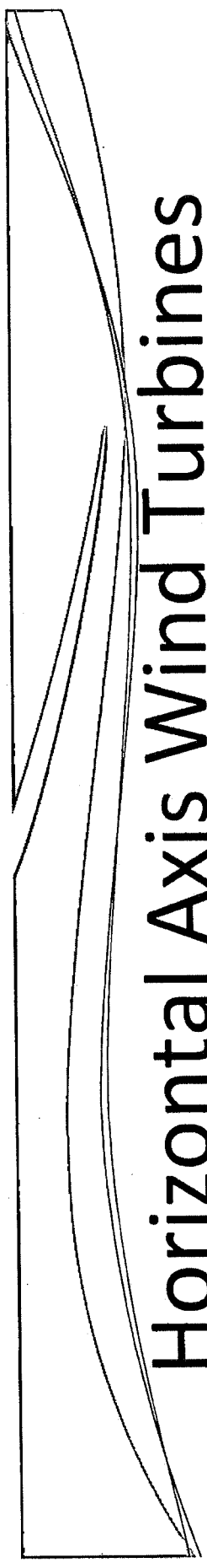
- Small-scale wind power systems have the capacity to produce up to 100 kW of electrical power



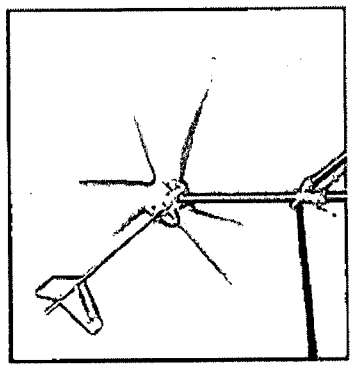
Small Wind Energy Projections

in U. S.

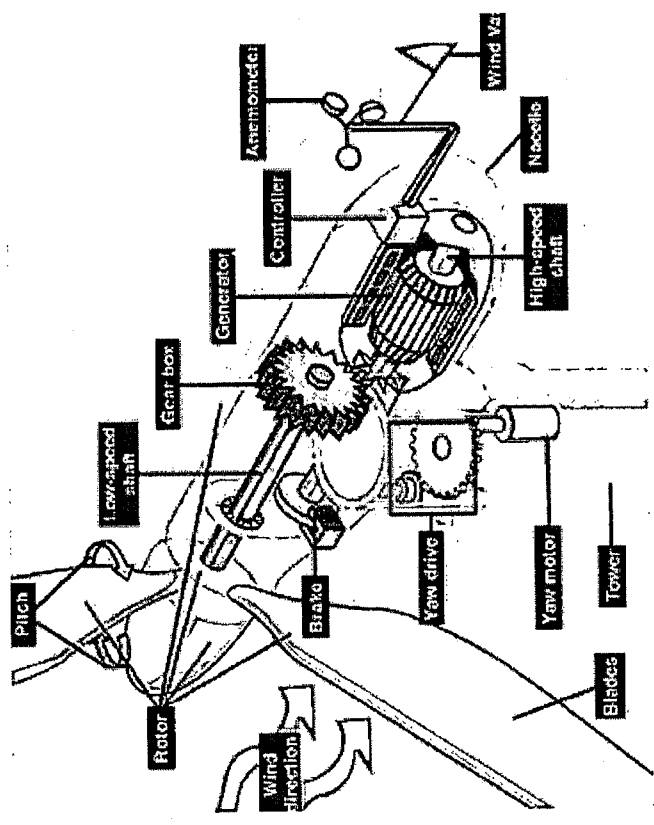
- The total market for U.S. small wind turbines for 2009 expanded by approximately 15%. Almost 10,000 units were sold to generate over 20 megawatts of new electricity. The total value was estimated to be about \$121 million dollars
- By 2014, PMG projects the U.S. small wind turbine market to be in excess of a quarter of a billion dollars

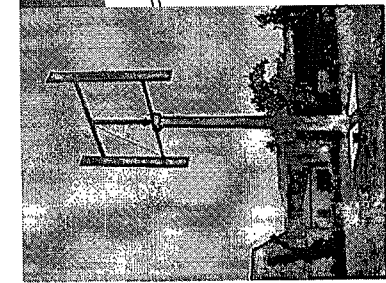


Horizontal Axis Wind Turbines



- High Efficiency
- Work well in higher wind speeds
- Generator located on turbine
- Access difficult
- Significant torque
- Birds & Bats in danger
- Noise from Vibration
- Lots of moving parts to fail
- Require tall tower
- More difficult approval





Traditional Vertical Axis Wind Turbines

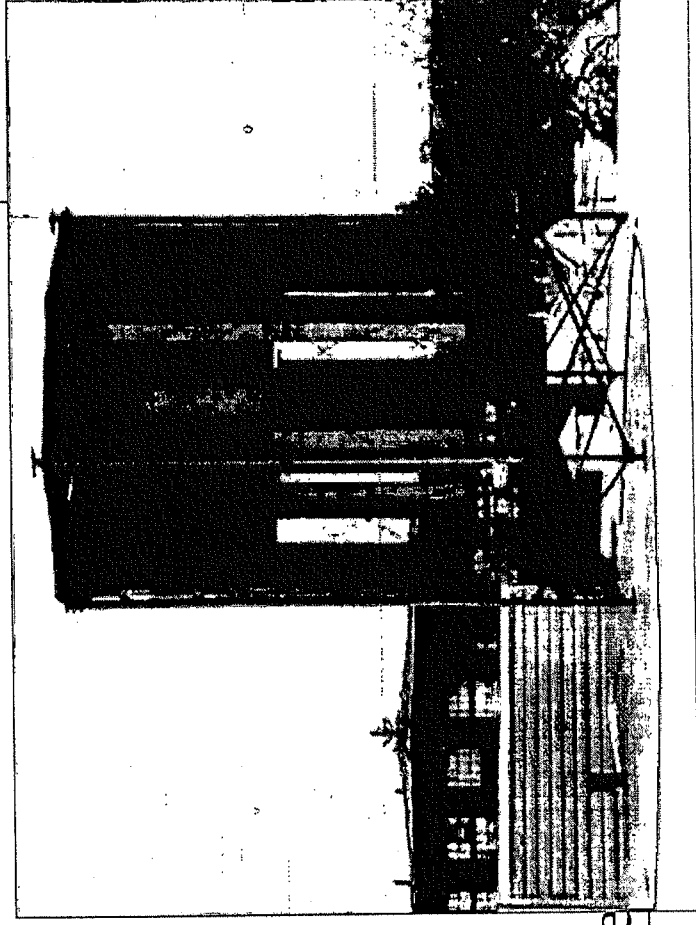
- Generator repairs require Turbine Disassembly
- Produces Significant Torque at higher winds = lower reliability
- Not Bird & Bat Friendly
- Significant reduction in power when low to the ground
- Require taller tower to eliminate turbulent air
- Don't operate at low wind speeds



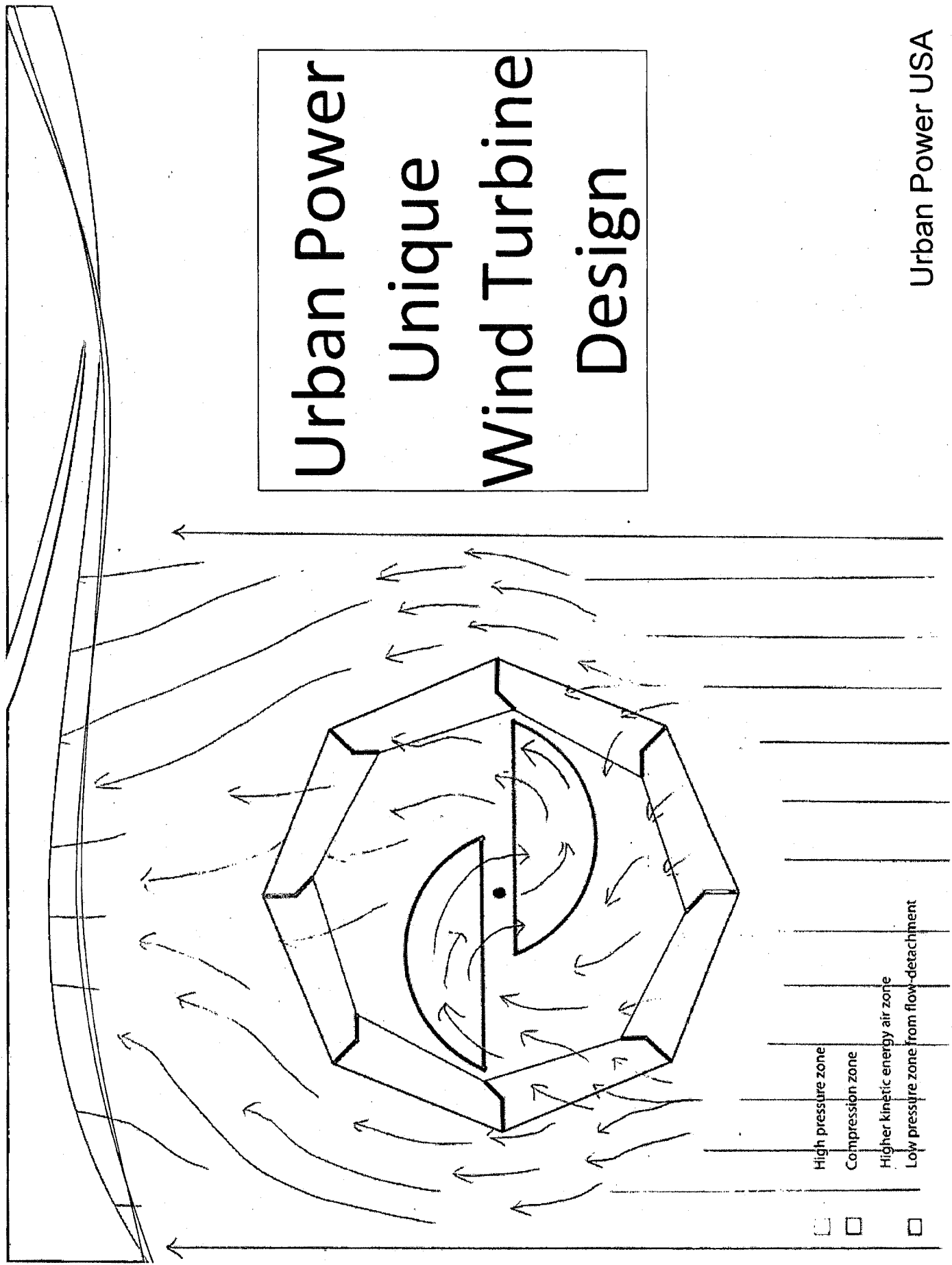
Urban Power

Vertical Axis Wind Turbines

- Produces more Torque at slower speeds
- Produce more Electricity at lower wind speeds
- More reliable
- Bird & Bat Friendly
- Don't require tall towers
- Can be roof mounted
- Easier Approval Process
- Quiet!
- Low Installation Cost
- Requires 25% Larger sweep



Urban Power Unique Wind Turbine Design

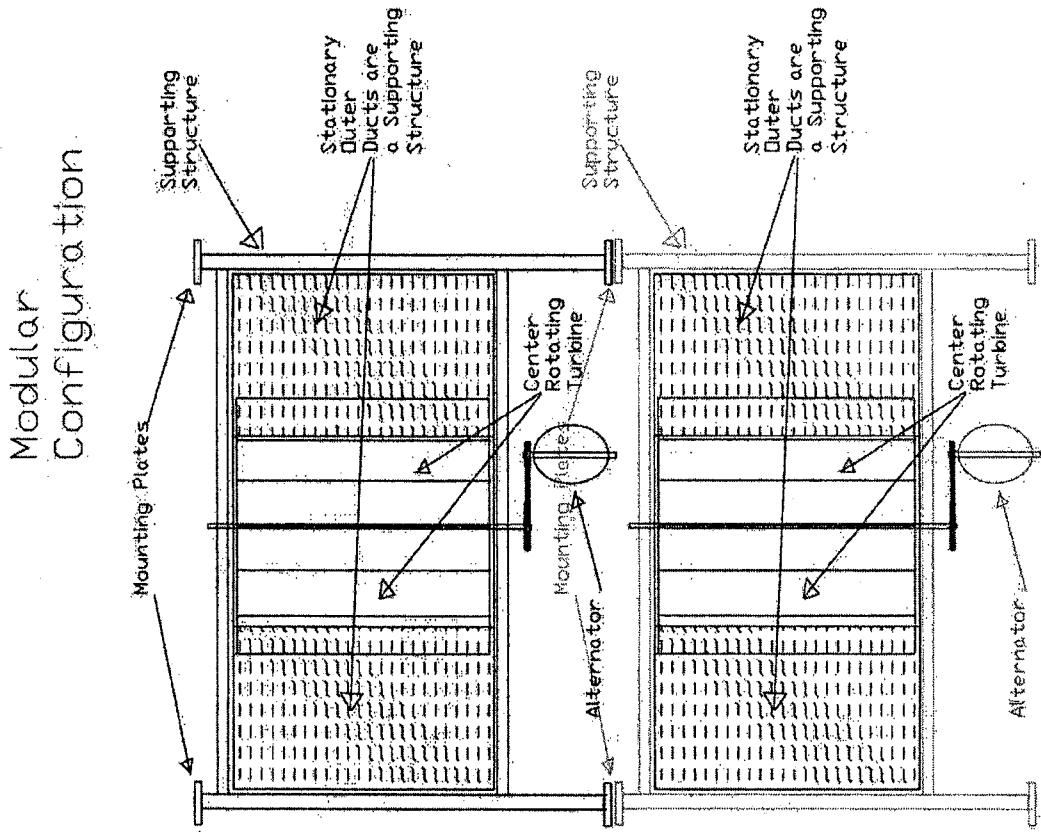


Urban Power USA

Why Urban Power USA

Urban Power USA's wind turbines can be stacked to increase kWh power density per square foot.

Allows roof to become income producing area of your building.



Urban Power USA



Turbines to Fit any Need

A key feature of the Urban Power USA turbine is its versatility enabling wind turbines to be built to accommodate most environments and power production need.

Installing turbines on existing city roof tops enables local electric production reducing transmission losses.

Standard Shipping

- The turbine can be broken down and easily shipped by plane, truck, ship, or rail. Once on-site, the turbine can be assembled quickly to begin delivering power wherever the winds are favorable.



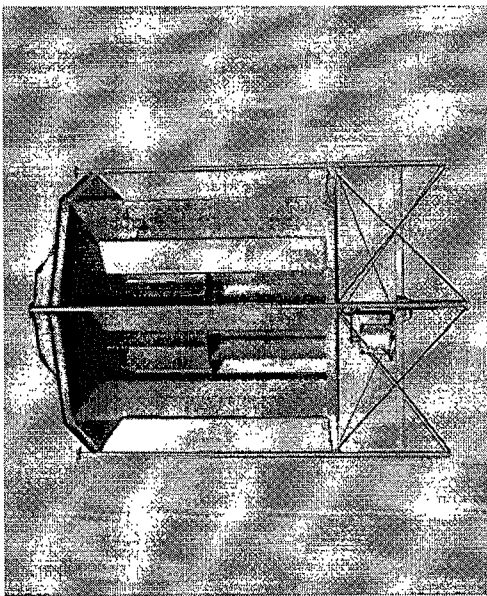


Benefits of Urban Power USA Wind

Turbines

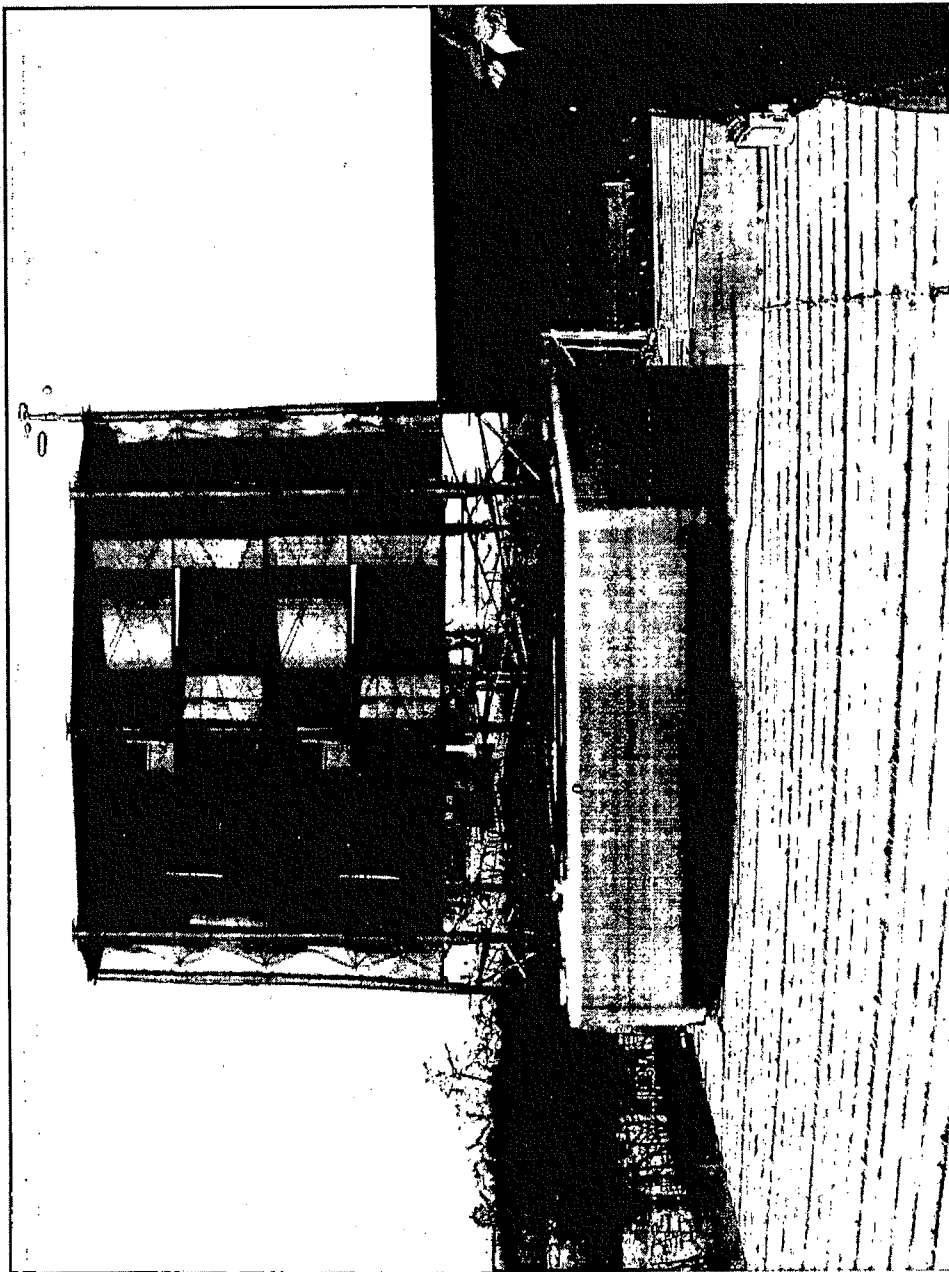
Bird / Bat Friendly

The Urban USA Vertical Wind Turbine design also protects birds and bats since the wind speed is no greater than existing wind speeds and is slow enough for the birds and bats to “see” the entire turbine and completely avoid any unfortunate encounter





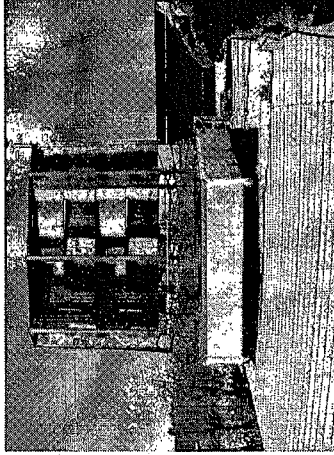
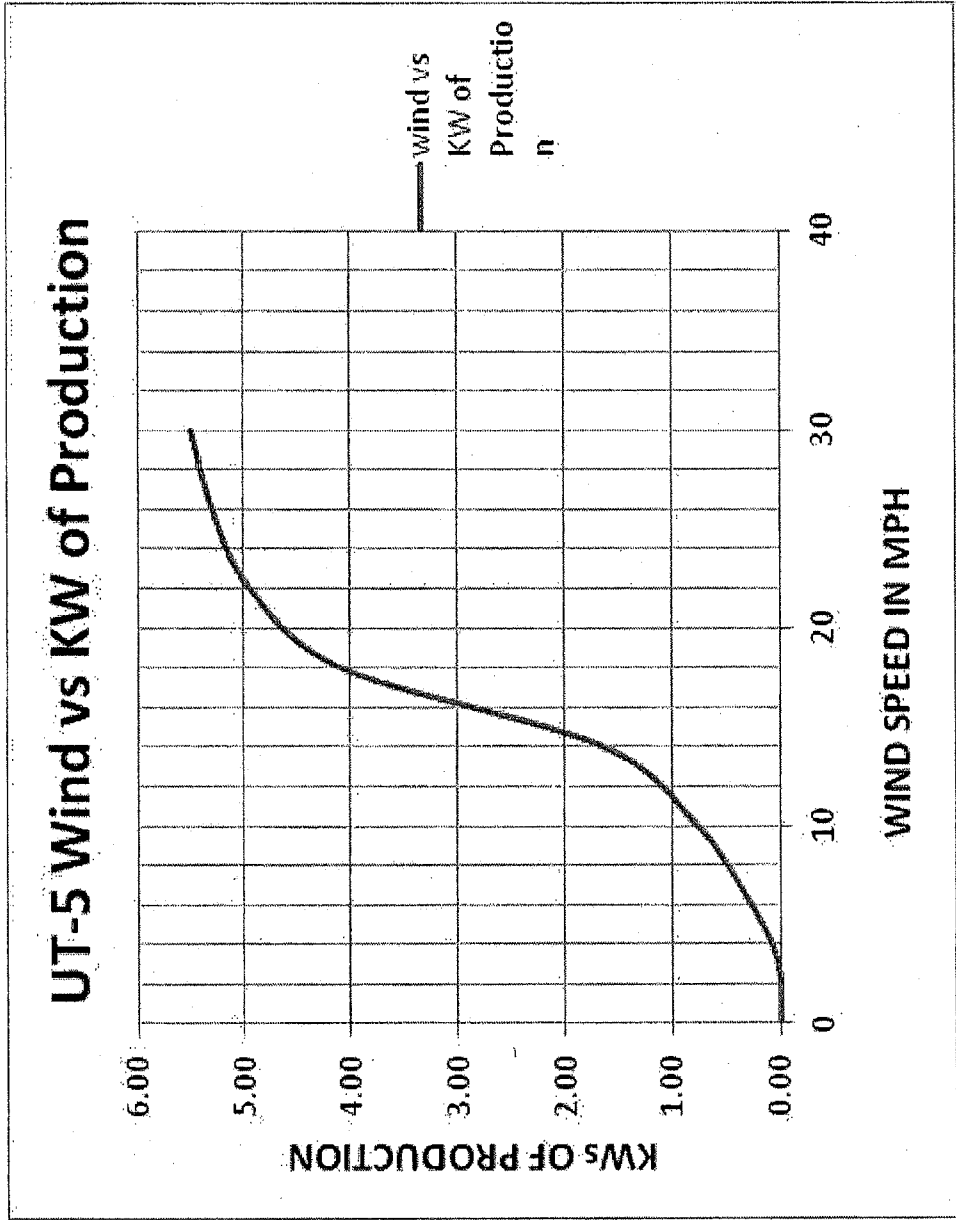
5.0 KW Turbine



Urban Power USA



Urban Power 5.0 KW Wind Turbines



Urban Power USA

Urban Power 5.0 KW Wind Turbines

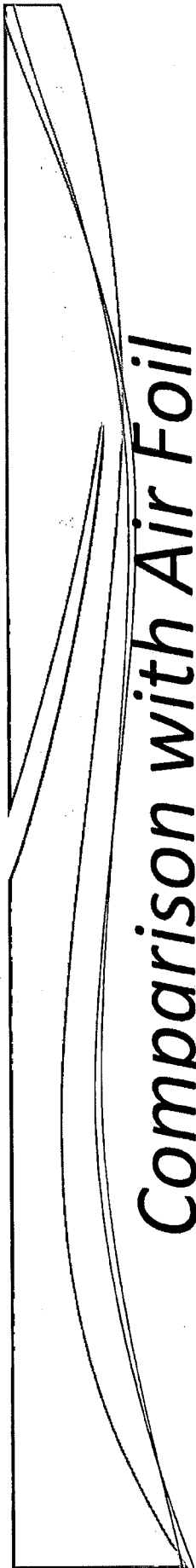
UT-5 (5.0 KW Turbine) Savings in Typical City Environments

Electrical Cost per KWH \$ 0.16 Renewable Energy Credits or RECs \$ 0.02

Average Wind Condition in Typical Lower Wind Speed Urban Area

Condition	Wind Speed (mph)	Average Watts Produced per Hour	Days of Operation	Annual KW hours	Electrical Savings	Income from Selling RECs
1	0 to 5	100	29	70	\$ 11	\$ 1
2	6 to 8	700	52	874	\$ 140	\$ 17
3	9 to 11	1900	85	3,876	\$ 620	\$ 78
4	12 to 14	2800	74	4,973	\$ 796	\$ 99
5	15 to 17	4000	56	5,376	\$ 860	\$ 108
6	18 to 20	4900	37	4,351	\$ 696	\$ 87
7	21 to 23	5000	15	1,800	\$ 288	\$ 36
8	24 to 26	5200	8	998	\$ 160	\$ 20
9	27 to 30	5400	4	518	\$ 83	\$ 10
			360	Total KWH	\$ 3,654	\$ 457
				22,836	\$ 3,654	\$ 457

Total savings and income combined \$ 4,110



Comparison with Air Foil

Comparison between UT-5 vs a traditional 5KW wind turbine

Electrical Cost per KWH \$ 0.16

Average wind condition in typical lower wind speed urban area

Condition	Wind Speed (mph)	Days of operation	Urban Power Turbines				Traditional Turbine			
			Average Watts Produced per Hour	Annual KW hours	Savings	Average Watts produced per Hour	Annual KW hours	Savings		
1	0 to 5	29	100	70	\$ 11.14	0	0	\$ -		
2	6 to 8	52	700	874	\$ 139.78	175	218	\$ 34.94		
3	9 to 11	85	1900	3876	\$ 620.16	600	1224	\$ 195.84		
4	12 to 14	74	2800	4973	\$ 795.65	1300	2309	\$ 369.41		
5	15 to 17	56	4000	5376	\$ 860.16	2100	2822	\$ 451.58		
6	18 to 20	37	4900	4351	\$ 696.19	3100	2753	\$ 440.45		
7	21 to 23	15	5000	1800	\$ 288.00	4700	1692	\$ 270.72		
8	24 to 26	8	5200	998	\$ 159.74	5000	960	\$ 153.60		
9	27 to 30	4	5400	518	\$ 82.94	5100	490	\$ 78.34		
			WH Urban Power turbine		22,836	51 KWH traditional turbine		12,468		
			Savings		\$ 3,653.76	Savings		\$ 1,994.88		



Quick Payback

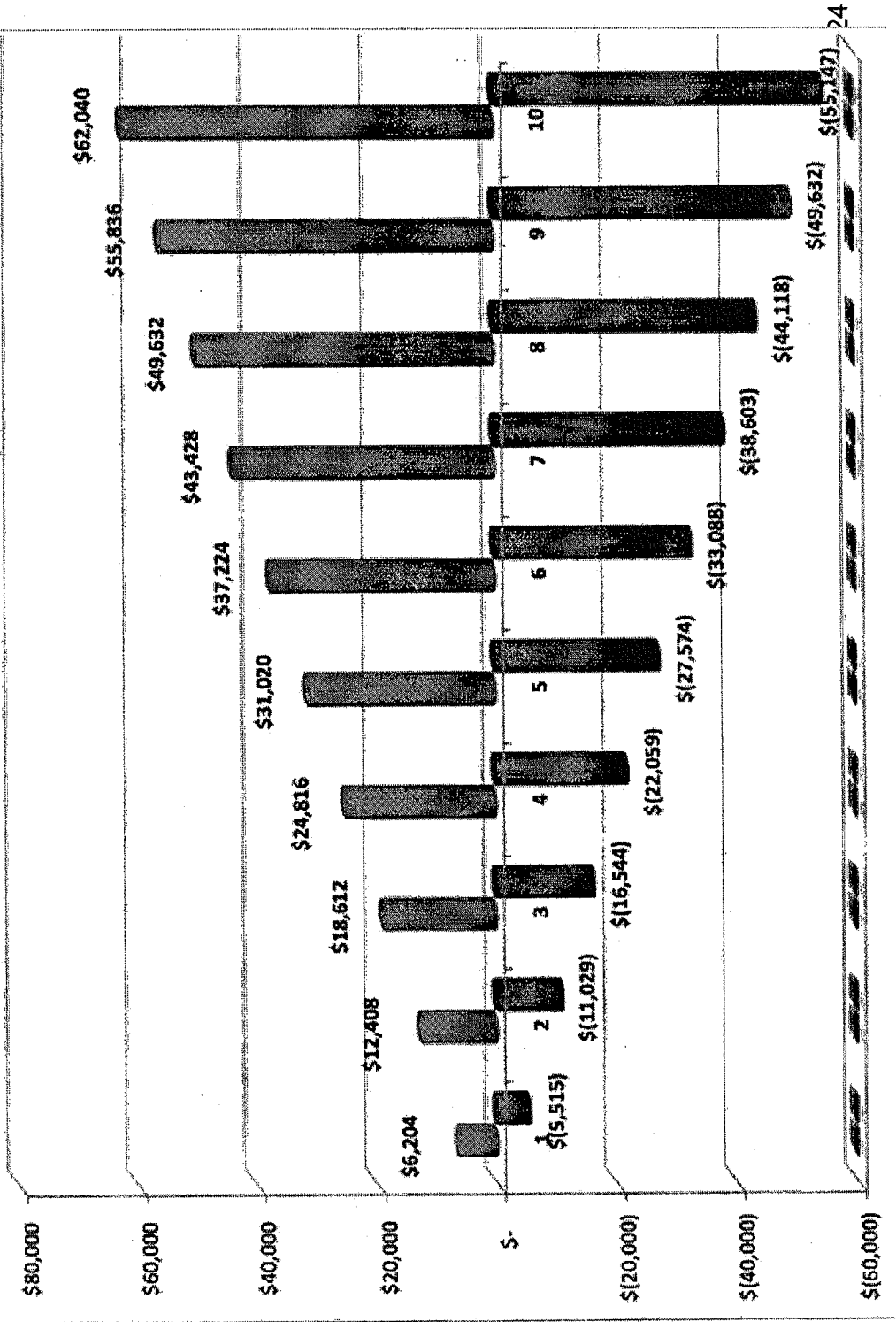
Urban Power Financial Summary - 5 KW Wind Turbine

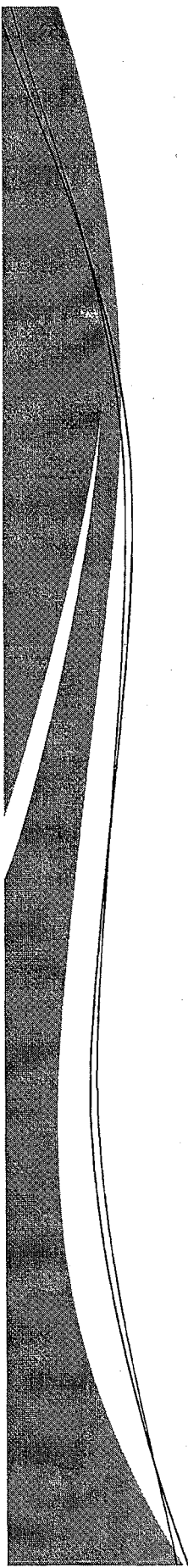
Total Cost	30 % Federal Tax Credit	Mass State Tax Credit	Total Tax Credit	* Urban Power USA Rebate Contract	Net Cost	Annual kWh Produced	Cost per KWH	REC	Annual Savings	Payback (years)	Return on Investment (ROI)
\$ 32,500	\$ 9,750	\$ 1,000	\$ 10,750	\$ 7,000	\$ 14,750	22,836	\$ 0.14	\$ 0.02	\$ 3,653.76	4.0	24.8%
\$ 32,500	\$ 9,750	\$ 1,000	\$ 10,750	\$ 7,000	\$ 14,750	22,836	\$ 0.15	\$ 0.02	\$ 3,882.12	3.8	26.3%
\$ 32,500	\$ 9,750	\$ 1,000	\$ 10,750	\$ 7,000	\$ 14,750	22,836	\$ 0.16	\$ 0.02	\$ 4,110.48	3.6	27.9%
\$ 32,500	\$ 9,750	\$ 1,000	\$ 10,750	\$ 7,000	\$ 14,750	22,836	\$ 0.17	\$ 0.02	\$ 4,338.84	3.4	29.4%
\$ 32,500	\$ 9,750	\$ 1,000	\$ 10,750	\$ 7,000	\$ 14,750	22,836	\$ 0.18	\$ 0.02	\$ 4,567.20	3.2	31.0%
\$ 32,500	\$ 9,750	\$ 1,000	\$ 10,750	\$ 7,000	\$ 14,750	22,836	\$ 0.19	\$ 0.02	\$ 4,795.56	3.1	32.5%
\$ 32,500	\$ 9,750	\$ 1,000	\$ 10,750	\$ 7,000	\$ 14,750	22,836	\$ 0.20	\$ 0.02	\$ 5,023.92	2.9	34.1%

Note: Urban Power offers a rebate equivalent to the Mass CEC grant until the Urban Power Turbines are Certified.

10 KW Turbine vs Electric Utility

Difference Between Wind Income vs. Electrical Utility Payments Over 10 Years





Recent Projects – Easthampton, MA

- Urban Power USA installing three (3) roof mounted wind turbines (2 KW, 5KW & 10KW) to provide power to the building.
- Energy Produced per Year: 17 KW
- Cost Savings: ± \$18,500/yr



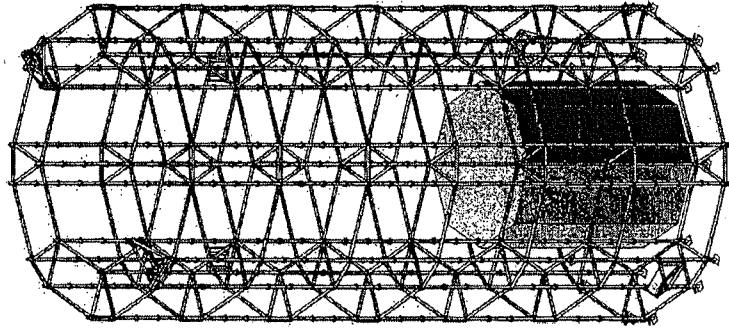
Case Studies– Turners Falls

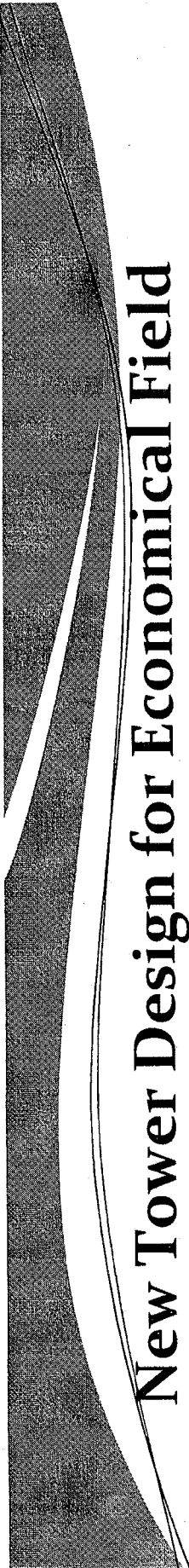
- Urban Power USA has proposed installing two (2) 10 KW power purchased agreement (PPA) wind turbines in the Town of Turners Falls to provide a power to the Town at a reduced electrical cost for the Town.
- Energy Produced per Year: 20 KW
- Cost Savings: ± \$44,000/yr



Tower Design for Remote Field Deployment

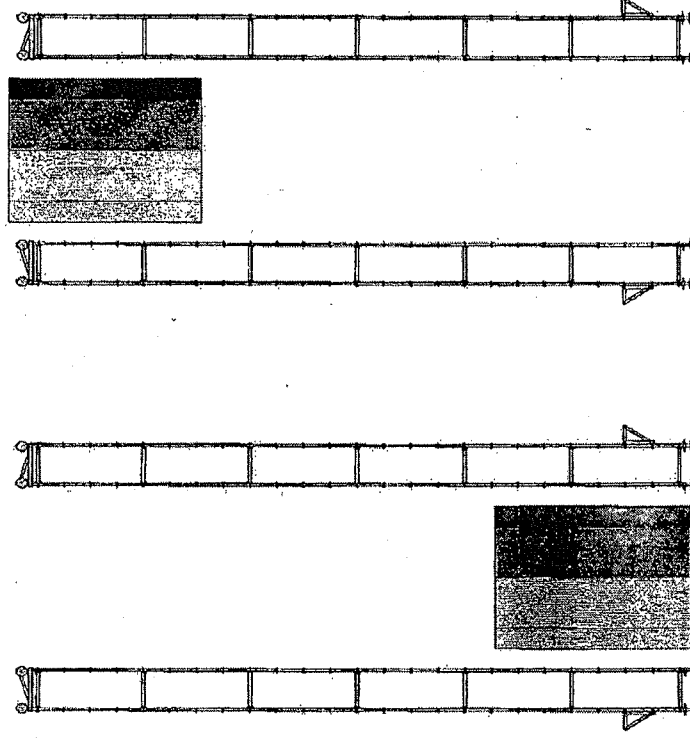
The Tower design for field deployment is made with standard scaffolding. The Urban Power USA wind turbine can be assembled on the ground and the tower is built around the wind turbine. The wind turbines are then hoisted through the center of the tower scaffolding and stacked. The tower can be made almost any height and size and can be shipped in any standard ISO container.

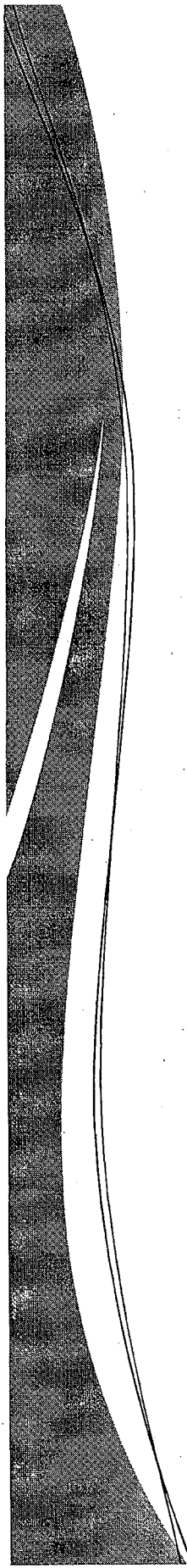




New Tower Design for Economical Field Deployment

Once the tower is constructed to the desired height. A winch attached to the tower then lifts the turbine and raises it to the top of the tower without a crane. Once the turbine is secured, the winch is removed. The base can be anchored with or without concrete resulting in less equipment for construction.





Potential Issues That Can Slow Projects

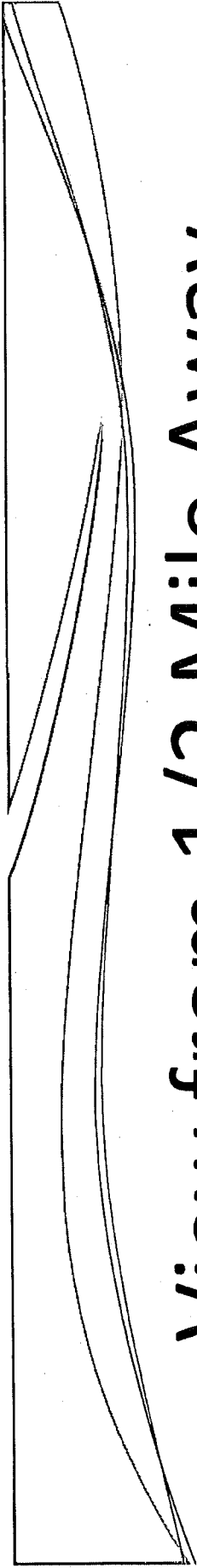
- Various permitting issues.
- Lack of city or town experience with ordinances allowing wind turbines.
- Concerns about environmental impacts.
- Questions about appearance after installation.



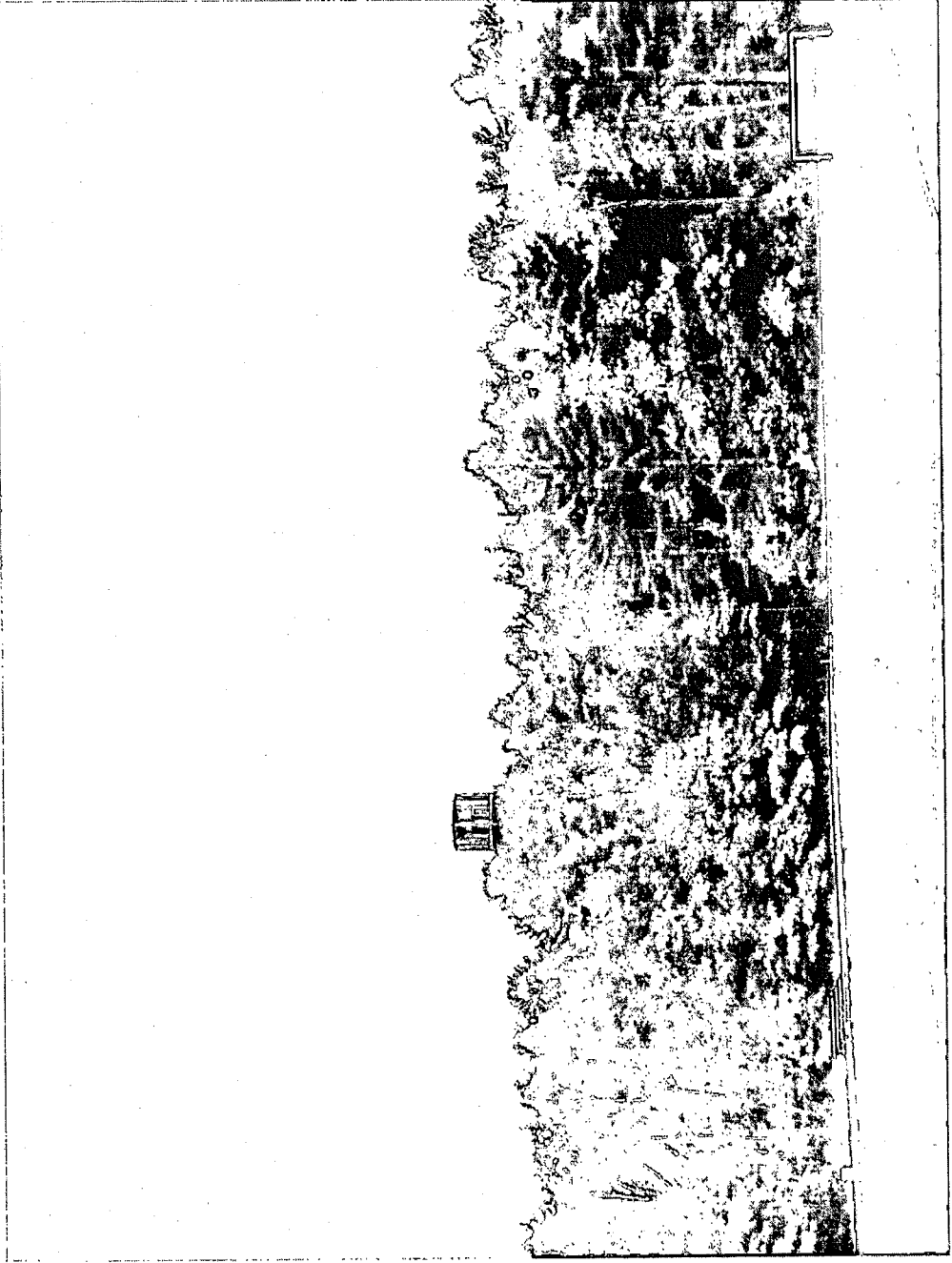
Environmental

Urban Power Advantage

- Urban Power Wind Turbines turn slowly and travel in a linear path so birds can readily see the moving blades to avoid them.
- Urban Turbines make no noise in any wind.
- Urban Turbines can be painted to match their surrounding environment.
- Urban Turbines can be placed on roof tops in the city to produce electricity away from nature.



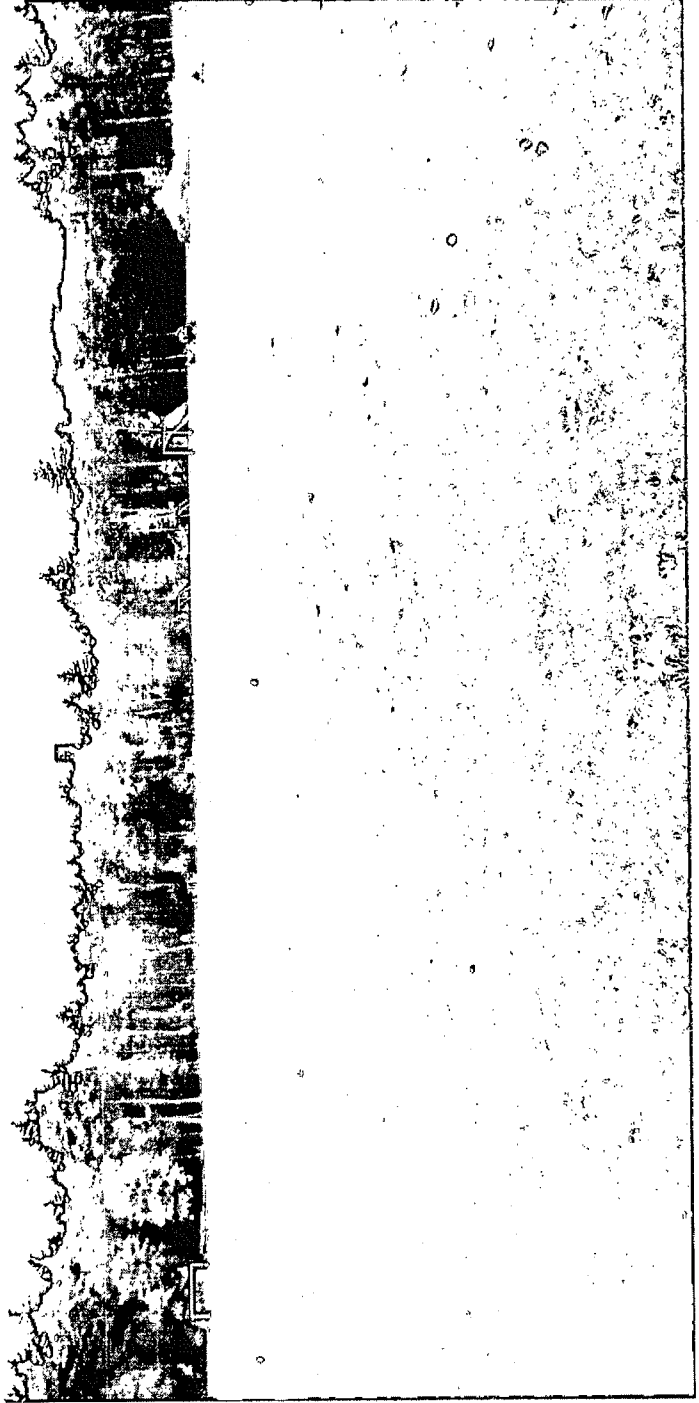
View from 1/2 Mile Away



Urban Power USA



View from 2 Mile Away



Urban Power USA



Maintenance

Require very little maintenance just a light grease of the bearings every two years.

All of the parts which can wear out are “off the shelf”, inexpensive and available anywhere in the world.

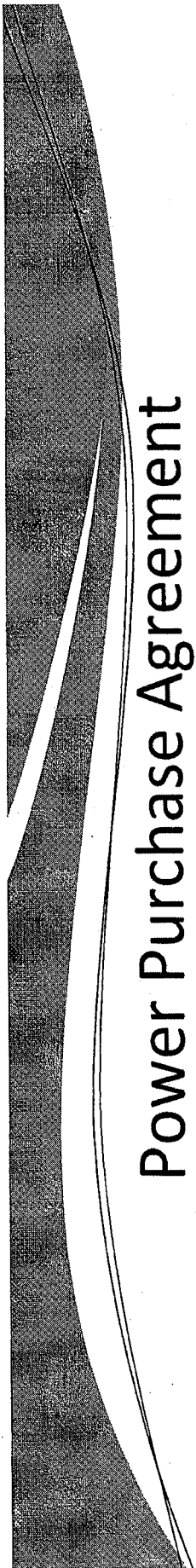
If the paint is maintained, the turbine will last more than 40 years.

Repair times are minimal because all replacement parts do not require disassembly of the turbine.



Power Purchase Agreements

- Power Purchase Agreements (PPAs) enables Urban Power to build the wind turbines and sell the power produced at approximately 12% - 14% less than what the customer is currently paying with no up front cost.



Power Purchase Agreement

Opportunities for Non-Profits or Municipalities

- No capital investment.
- No operating, monitoring and maintenance expense.
- Long term price certainty for load produced from the Wind Turbines.
- The energy purchaser simply signs an agreement to purchase the electricity produced by the wind turbine(s) at approximately 12% - 14% less than the local electric company rates.
- Hedge against prices associated with fuel and transmission and distribution charges.
- Opportunity to integrate Wind into the overall carbon and energy strategy at an affordable cost.



Other Financial Options

- Outright Purchase
- Lease to own
- 3rd Party Municipal Investor (Town operates with lower electrical costs, profits go to local resident investors who can take advantage of 30% Federal Tax credits)



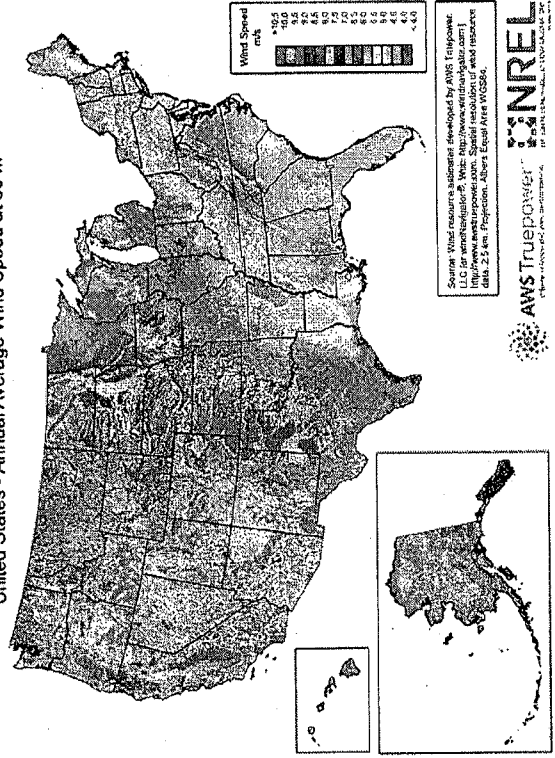
FEASIBILITY ASSESSMENT

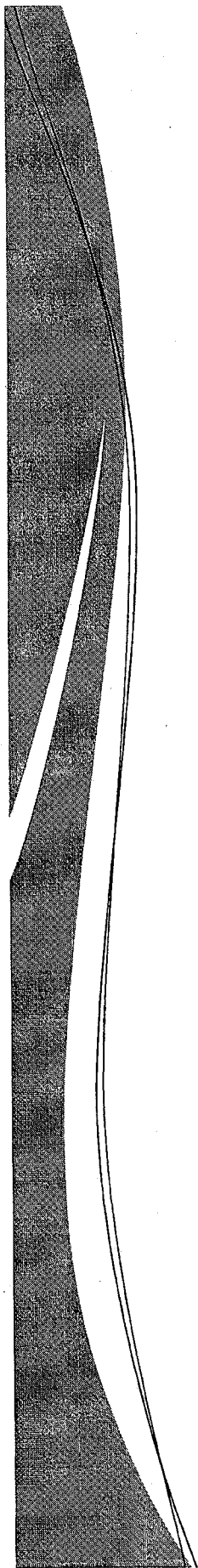
- The purpose of a feasibility assessment is to reduce the technical, financial, operational, and environmental risks of a potential project.
- A feasibility assessment requires going through a particular project concept; identifying the technical, financial, operational, and environmental uncertainties and impacts; and finally making a determination regarding the project's viability.

Wind assessment takes place at a number of different levels

Consulting a wind map, obtaining previously measured data
Taking your own measurements with anemometer
Use 1- 2 months anemometer data to do correlation study

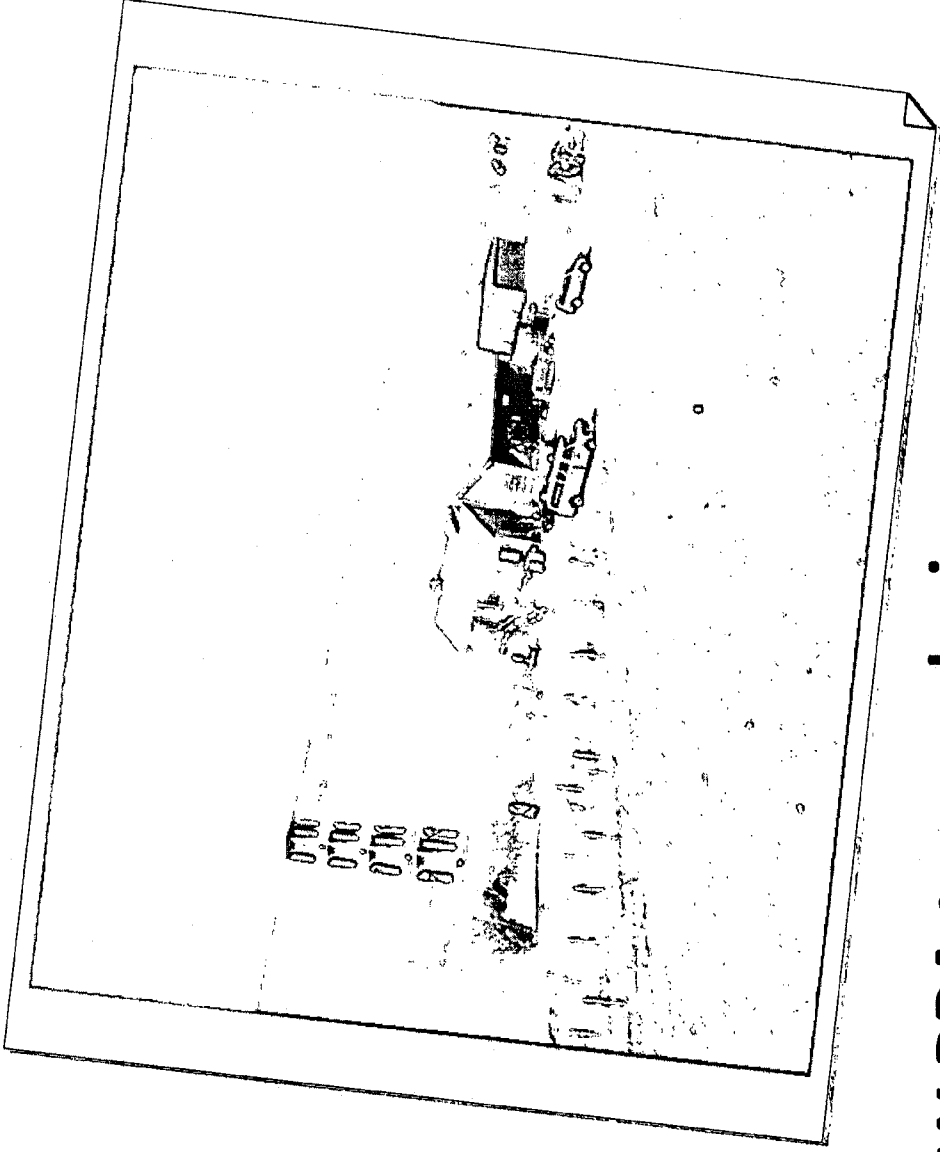
United States - Annual Average Wind Speed at 80 m





Future Urban Power Turbines

Urban Power USA



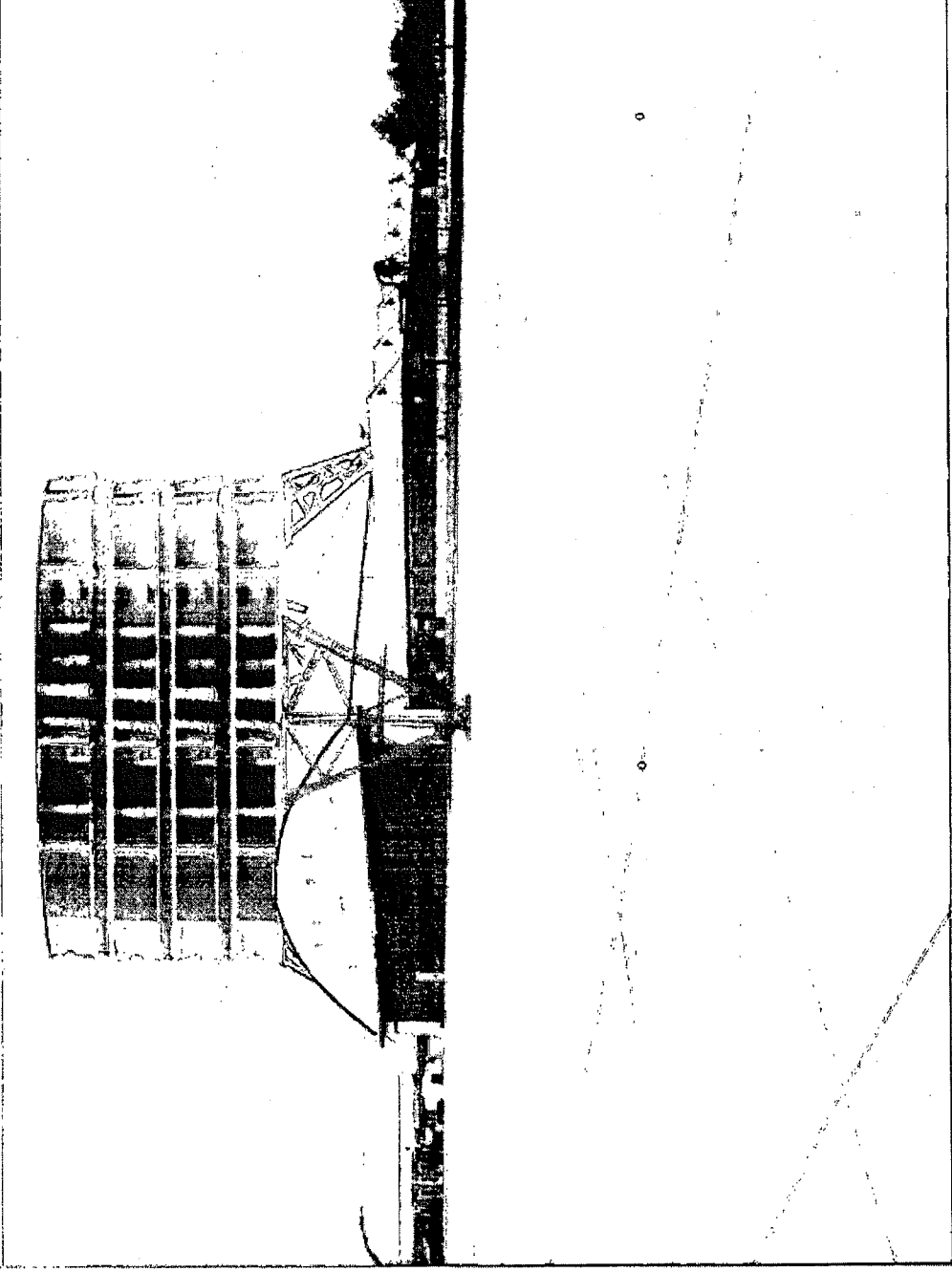
Proposed 20 KW PPA tower design

Urban Power USA



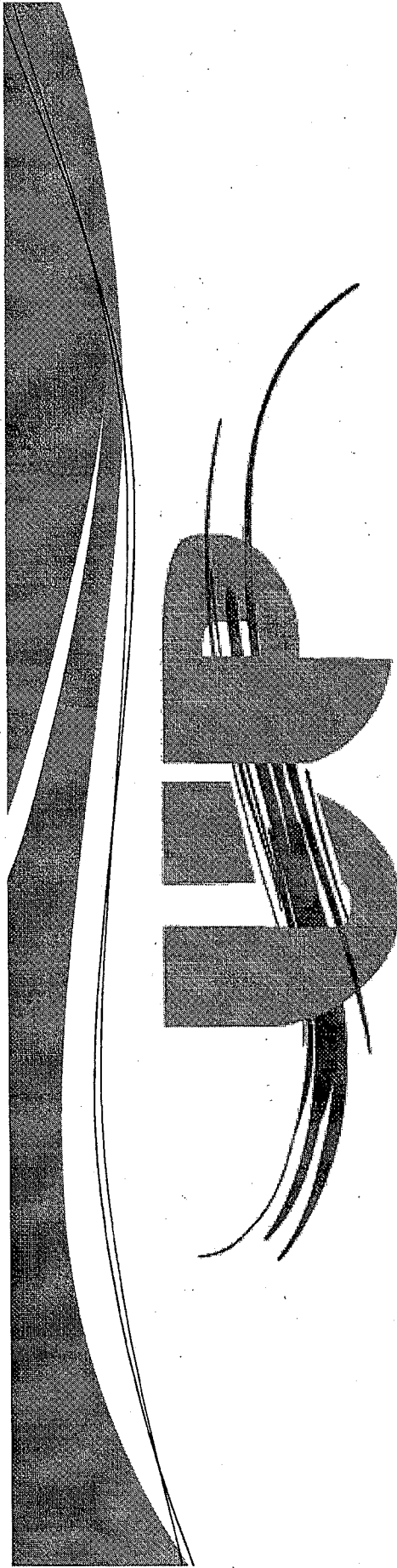
Proposed 100 KW PPA tower design

Urban Power USA



Large Megawatt size turbines will use
traditional transmission lines

Urban Power USA



Urban Power USA

Urban Power USA



Thank You

<http://www.urbanpowerusa.com/>

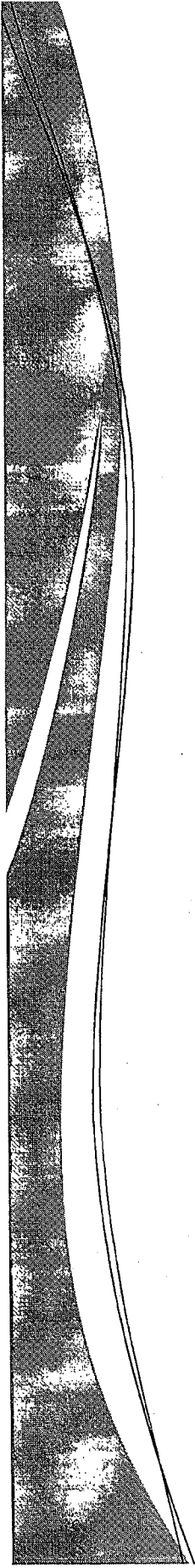
www.conservationolutions.com

978-266-1900



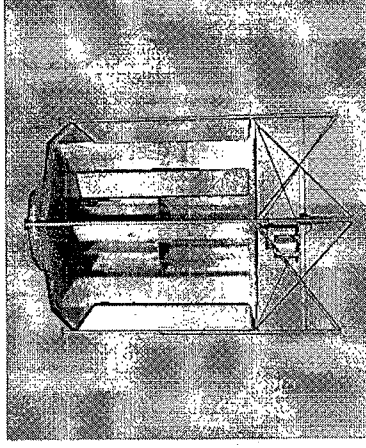
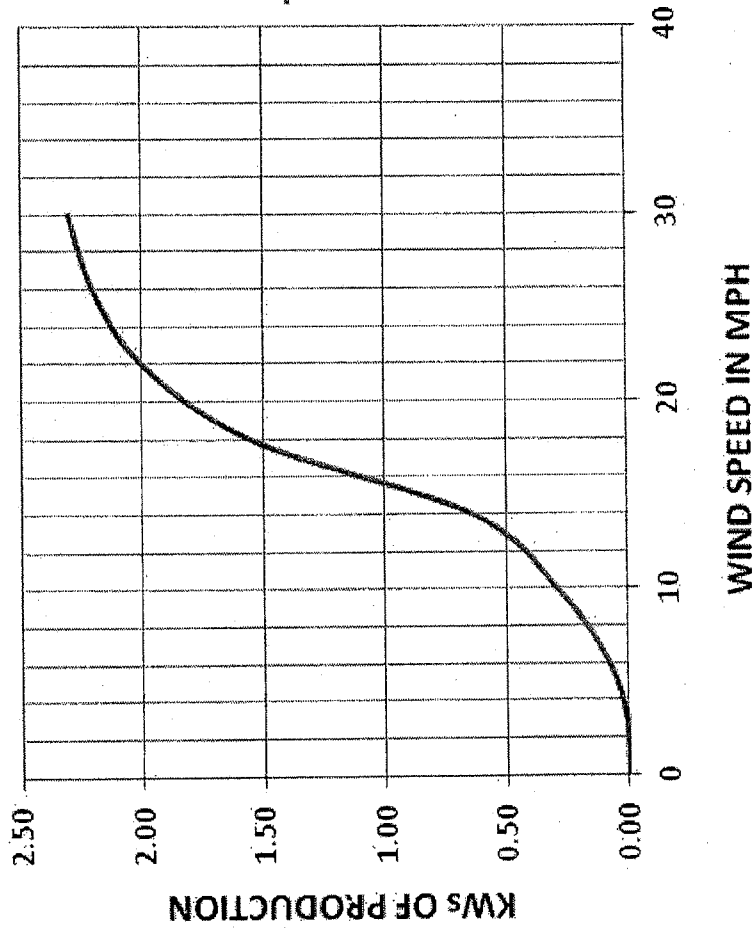
URBAN POWER USA

Urban Power USA



Urban Power USA 1.8 KW Wind Turbines

UT-2 Wind vs KW of Production



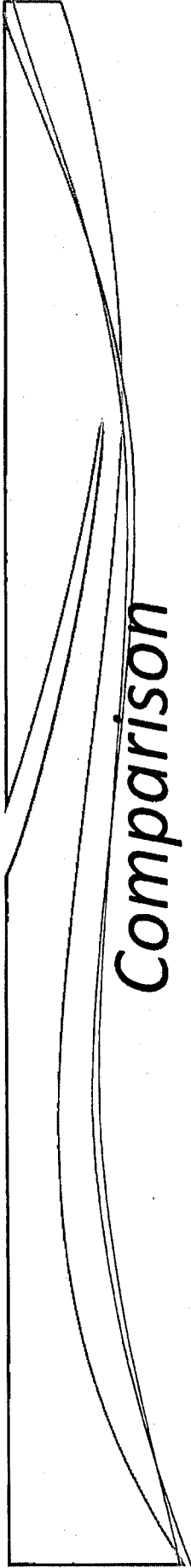
Urban Power USA 1.8 KW Wind Turbines

UT-2 (1.8 KW Turbine) Savings in Typical City Environments							Renewable Energy Credits or RECs	\$0.02
Average Wind Condition in Typical Lower Wind Speed Urban Area							Electrical Cost per KWH	\$0.16
Condition	Wind Speed (mph)	Average Watts Produced per hour	Days of Operation	Annual KW hours	Electrical Savings	Income from Selling RECs		
1	0 to 5	0	29	0	\$-	\$-		
2	6 to 8	117	52	146	\$23.36	\$2.92		
3	9 to 11	305	85	622	\$99.55	\$12.44		
4	12 to 14	630	74	1119	\$179.02	\$22.38		
5	15 to 17	1130	56	1519	\$243.00	\$30.37		
6	18 to 20	1600	37	1421	\$227.33	\$28.42		
7	21 to 23	2000	15	720	\$115.20	\$14.40		
8	24 to 26	2100	8	403	\$64.51	\$8.06		
9	27 to 30	2200	4	211	\$33.79	\$4.22		
			360	Total KWH 6161	\$985.76	\$123.22		

Total savings and income combined

\$1,108.98

Urban Power USA



Comparison

Electrical Cost per KWH **Comparison between UT-2 vs a traditional 2KW wind turbine**
 \$0.16

Average wind condition in typical lower wind speed urban area

Condition	Wind Speed (mph)	Days of operation	Urban Power Turbines			Traditional Turbines		
			Average Watts Produced per Hour	Annual KW hours	Savings	Average Watts produced per Hour	Annual KW hours	Savings
1	0 to 5	29	0	0	\$-	0	0	\$-
2	6 to 8	52	117	146	\$23.36	50	62	\$9.98
3	9 to 11	85	305	622	\$99.55	200	408	\$65.28
4	12 to 14	74	630	1119	\$179.02	500	888	\$142.08
5	15 to 17	56	1130	1519	\$243.00	950	1277	\$204.29
6	18 to 20	37	1600	1421	\$227.33	1400	1243	\$198.91
7	21 to 23	15	2000	720	\$115.20	2000	720	\$115.20
8	24 to 26	8	2100	403	\$64.51	2300	442	\$70.66
9	27 to 30	4	2200	211	\$33.79	2400	230	\$36.86
			Total KWH Urban Power turbine		6,161	Total KWH traditional turbine		5,270
			Savings		\$985.76	Savings		\$843.26

Urban Power USA