Project 1: WIND POWER ASSET BASED OUT OF GUJARAT

OVERVIEW:

- Wind Power asset in Jamnagar, Gujarat.
- The assets have been recently commissioned.
- 6 Wind Turbine Generators (WTGs) of 0.85 MW capacity each.
- Windmill is of Gamesha make and Operations & Maintenance are done by the same group.

ASSET SUMMARY:

| SI. | | | | |
|-----|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--|--|
| No. | Particulars | Details | | |
| 1 | Number of WTGs | 6 Nos. | | |
| 2 | Capacity in MW | 5.1 MW | | |
| 3 | Model | G 58 | | |
| 4 | Land | It is under sub-lease arrangement | | |
| 5 | Comissioning | March 2011 | | |
| 6 | Tariff as Power Purchase Agreement (PPA): Rs. per Unit | Fixed at Rs. 3.56 / unit | | |
| 7 | PPA Tenor | 25 Years | | |
| 8 | O&M Cost | Starting at around Rs. 9.0 Lacs. per WTG per annum with escalation of 10% per annum. It is for a tenor of 10 years. | | |
| 9 | PLF (%) | 18.0% | | |
| 10 | CDM Status | Not done. | | |

HIGHLIGHTS:

- Average Generation of 13.00 Lacs. units per WTG per annum. The asset is around 3 years old. In the first and third year the average generation as been around 13.0 Lacs. units per annum per WTG. In the second year there was exceptional generation of around 17.0 Lacs. units per annum per WTG.
- Gujarat is one of the oldest states with regard to windmills.
- The tariff is fixed but it comes with reasonable assurance of peace of mind, in terms of track record of payment.
- There do not seem to be any case of local issues in that area.

• The PPA is for 25 years. In a way the revenue and returns are more or less assured / on predictable lines.

GENERATION TRACK RECORD:

| SL NO | DoC(EB) | Apr-11 | May-11 | Jun-11 | Jul-11 | Aug-11 | Sep-11 | Oct-11 | Nov-11 | Dec-11 | Jan-12 | Feb-12 | Mar-12 | Total |
|-------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| 1 | 31-Mar-11 | 53740 | 207770 | 265400 | 158520 | 130150 | 72760 | 51220 | 66130 | 131200 | 120550 | 116920 | 74090 | 1448450 |
| 2 | 31-Mar-11 | 54590 | 199730 | 260990 | 148990 | 122510 | 66450 | 49540 | 67850 | 124980 | 116520 | 115380 | 74860 | 1402390 |
| 3 | 31-Mar-11 | 58870 | 228500 | 263880 | 177880 | 144050 | 77000 | 62010 | 76390 | 150160 | 133840 | 129880 | 92140 | 1594600 |
| 4 | 31-Mar-11 | 46030 | 223530 | 267020 | 176980 | 82070 | 76360 | 59540 | 67900 | 108670 | 113350 | 118590 | 91730 | 1431770 |
| 5 | 31-Mar-11 | 46870 | 212980 | 259900 | 172790 | 138430 | 74970 | 53440 | 67630 | 123920 | 113270 | 115270 | 84740 | 1464210 |
| 6 | 29-Sep-11 | | | | | | | 25317 | 65272 | 134787 | 119290 | 113468 | 77403 | 535537 |
| | Average | 52020 | 214502 | 263438 | 167032 | 123442 | 73508 | 50178 | 68529 | 128953 | 119470 | 118251 | 82494 | 1312826 |
| SL NO | DoC(EB) | Mar-12 | Apr-12 | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 | Jan-13 | Feb-13 | Mar-13 | Total |
| 1 | 31-Mar-11 | 90080 | 161900 | 256500 | 276340 | 203080 | 71850 | 46320 | 69490 | 123340 | 125630 | 93990 | 109920 | 1628440 |
| 2 | 31-Mar-11 | 86990 | 156320 | 245260 | 264200 | 195030 | 73440 | 48010 | 70580 | 120100 | 122470 | 93450 | 109100 | 1584950 |
| 3 | 31-Mar-11 | 103540 | 184130 | 268690 | 301620 | 225420 | 85930 | 59240 | 79450 | 152430 | 131130 | 109880 | 123270 | 1824730 |
| 4 | 31-Mar-11 | 97860 | 177260 | 275890 | 296990 | 220890 | 83710 | 58030 | 71320 | 117790 | 118970 | 107710 | 118480 | 1744900 |
| 5 | 31-Mar-11 | 94600 | 172020 | 262690 | 288750 | 217300 | 83370 | 51340 | 68030 | 129500 | 122240 | 99200 | 116260 | 1705300 |
| 6 | 29-Sep-11 | 100308 | 195042 | 279353 | 321038 | 236811 | 81697 | 45269 | 66007 | 132361 | 116708 | 92195 | 111225 | 1778014 |
| 3 3// | Average | 95563 | 174445 | 264731 | 291490 | 216422 | 80000 | 51368 | 70813 | 129254 | 122858 | 99404 | 114709 | 1711056 |
| SL NO | DoC(EB) | Apr-13 | May-13 | Jun-13 | Jul-13 | Aug-13 | Sep-13 | Oct-13 | Nov-13 | Dec-13 | Jan-14 | Feb-14 | Mar-14 | Total |
| 1 | 31-Mar-11 | 101830 | 177230 | 111310 | 164740 | 116630 | 101870 | 36450 | 79800 | 92800 | 133550 | 69210 | 80494 | 1265914 |
| 2 | 31-Mar-11 | 101590 | 174040 | 103860 | 158950 | 108760 | 100730 | 36460 | 77170 | 88900 | 129520 | 66390 | 76990 | 1223360 |
| 3 | 31-Mar-11 | 113010 | 193360 | 112230 | 181130 | 125040 | 115340 | 42900 | 82910 | 93090 | 128460 | 81140 | 90188 | 1358798 |
| 4 | 31-Mar-11 | 107850 | 184310 | 118210 | 174430 | 119990 | 98830 | 12870 | 63600 | 76440 | 123200 | 76097 | 87787 | 1243614 |
| 5 | 31-Mar-11 | 108990 | 181670 | 120490 | 178040 | 126500 | 104670 | 37060 | 78330 | 85260 | 119580 | 74120 | 82958 | 1297668 |
| 6 | 29-Sep-11 | 111190 | 208597 | 132222 | 209113 | 143261 | 128462 | 37592 | 78188 | 85607 | 125517 | 66660 | 78320 | 1404729 |
| | Average | 107410 | 186535 | 116387 | 177734 | 123364 | 108317 | 33889 | 76666 | 87016 | 126638 | 72270 | 82790 | 1299014 |

The overall average generation per WTG is around 13.00 Lacs. units per annum.

• Asking Price: Rs. 19.5 Crs plus transfer related expenses to be borne by buyer.

Project 2: WIND POWER ASSET BASED OUT OF RAJASTHAN

OVERVIEW:

- Wind Power asset in Jodhpur, Rajasthan
- The assets are owned by an entity engaged in Manufacturing / Trading. They are looking to get out of non-core business.
- 1 Wind Turbine Generators (WTGs) of 1.50 MW capacity.
- Windmills are of Suzlon make and Operations & Maintainence are done by the same group.

ASSET SUMMARY:

| SI. | | | | |
|-----|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| No. | Particulars | Details | | |
| 1 | Number of WTGs | 1 No. | | |
| 2 | Capacity in MW | 1.5 MW | | |
| 3 | Model | S 82 V3 | | |
| 4 | Comissioning | March 2008 | | |
| 5 | Tariff as Power Purchase Agreement (PPA): Rs. per Unit | Starting at Rs. 3.48 / unit with escalation of 2 paise per annum for 1st 10 years and escalation of 1 paise per annum for the second 10 years | | |
| 6 | PPA Tenor | 20 Years | | |
| 7 | O&M Cost | The charges for FY 2013-14 was around Rs. 21.3 Lacs, there is escalation of 5% per annum | | |
| 8 | PLF (%) | 20.6% | | |
| 9 | CDM Status | Not Registered | | |

HIGHLIGHTS:

- Average Generation of 27.0 Lacs. units per annum. The worst generation so far has been around 23.50 Lacs. units per annum and the best generation so far has been around 32.7 Lacs. units per annum.
- Rajasthan is one of the matured states with regard to windmills. If you are already having existing portfolio of windmills / solar projects it can add to your existing capacity.
- Escalation tariff structure is more like a slow and steady one. There may be chance of revision in between.
- There have been local issues of cable theft some time back. During that period the machines were down. The process of restoration is under way.

• The PPA is for 20 years. The investor gets an opportunity of increasing income for residual tenor of around 14 years.

GENERATION TRACK RECORD:

| Year | Apr | May | June | July | Aug | Sept | Oct | Nov | Dec | Jan | Feb | Mar | Total |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| 2008-09 | 82915 | 458740 | 417688 | 372864 | 253693 | 212629 | 178105 | 187451 | 216525 | 258395 | 156518 | 234625 | 3030148 |
| 2009-10 | 306517 | 438529 | 396503 | 266888 | 322642 | 303516 | 142601 | 177388 | 269690 | 185248 | 184856 | 277554 | 3271932 |
| 2010-11 | 295639 | 433663 | 361318 | 192645 | 103216 | 103149 | 121266 | 99094 | 150330 | 199880 | 171214 | 208804 | 2440218 |
| 2011-12 | 212032 | 439905 | 386781 | 225875 | 136909 | 166156 | 121101 | 53148 | 175096 | 213248 | 255115 | 250563 | 2635929 |
| 2012-13 | 217811 | 340558 | 484967 | 332188 | 197378 | 68491 | 51532 | 91090 | 184042 | 120013 | 224392 | 180800 | 2493262 |
| 2013-14 | 172767 | 331014 | 322311 | 219583 | 172310 | 176898 | 108851 | 110049 | 139902 | 220509 | 190812 | 189637 | 2354643 |
| 2014-15 | 177654 | 236288 | 407183 | 253681 | 16096 | | | | | | | | 1090902 |

• Expected Price: Rs. 4.5 Crs. (Negotiable)

Project 3: WIND POWER ASSET BASED OUT OF RAJASTHAN

OVERVIEW:

- Wind Power asset in Jaisalmer, Rajasthan.
- The assets are owned by an entity engaged in Mining Business. They are looking to get out of non-core business.
- 2 Wind Turbine Generators (WTGs) of 1.50 MW capacity.
- Windmills are of Suzlon make and Operations & Maintenance are done by the same group.

ASSET SUMMARY:

| SI. | | | | |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--|--|
| No. | Particulars | Details | | |
| 1 | Number of WTGs | 1 No. | | |
| 2 | Capacity in MW | 1.5 MW | | |
| 3 | Model | S 82 V3 | | |
| 4 | Comissioning | March 2011 | | |
| 5 | Tariff as Power Purchase Agreement (PPA): Rs. per Unit | Rs. 4.08 / unit | | |
| 6 | PPA Tenor | 20 Years | | |
| 7 | 7 O&M Cost Around Rs. 37.50 Lacs. units with escalation structure | | | |
| 8 | The windmills were commissioned in 2011. First stablilisation period. The second and third year hand been run properly. The windmills were down also one of them is up and running and the other one is | | | |
| 9 | CDM Status | Not Registered | | |

HIGHLIGHTS:

• Average Generation of around 21.0 Lacs. units per annum per WTG in the first year. The windmills were commissioned in 2011. Usually the first year is stablilisation period. In the second and third year the windmills have not run properly. It may be noted that in the second year (FY 2012-13) the machines operated for about 9 months. In the third year the machines have been down for the entire year (FY 2013-14). Currently one of them is up and running and the other one is expected to be up shortly. Hence, given such background it may not be fair to assess returns on the basis of past data. Based, on due diligence and discussion with the O&M team one should take a judgment of future generation.

- Rajasthan is one of the matured states with regard to windmills. If you are already having existing portfolio of windmills / solar projects it can add to your existing capacity.
- Tariff of Rs. 4.08 / unit is fixed. There is no element of uncertainty.
- There have been local issues of cable theft some time back. During that period the machines were down. The process of restoration is under way.
- The PPA is for 20 years. The investor gets an opportunity of increasing income for residual tenor of around 17 years.

GENERATION TRACK RECORD:

Lacs. units per annum.

| Year | WTG 1 | WTG 2 |
|---------|-------|-------|
| 2011-12 | 22.90 | 19.40 |
| 2012-13 | 16.70 | 20.30 |
| 2013-14 | - | - |

It is controller level data. The machines were down for a long time. One of them is already up and the other one is expected to be up shortly.

• Expected Price: Rs. 5.25 Crs. per WTG.

Project 4:WIND POWER ASSET BASED IN GUJARAT

OVERVIEW:

- Captive Wind Power asset in Jamnagar, Gujarat.
- The assets were commissioned on September 27, 1994.
- 4 Wind Turbine Generators (WTGs) of 200KVcapacity each.
- Windmillis of Nordex-BHEL make and Operations & Maintenance are done by local service provider.

ASSET SUMMARY:

| Sl. | | | | | | |
|-----|----------------------|------------------------------------------------|---------------|--|--|--|
| No. | Particulars | Details | S | | | |
| 1 | Number of WTGs | 4 Nos. | | | | |
| 2 | Capacity in MW | 0.8 MV | V | | | |
| 3 | Model | - | | | | |
| | | It is under sub-lease arrange | | | | |
| | | about to get over. It will be re | - | | | |
| 4 | Land | can be extend | ŭ | | | |
| 5 | Commissioning | September | | | | |
| | | The new owner will be subje | | | | |
| 6 | Wheeling Arrangement | of 10% | | | | |
| 7 | Tenor of Agreement | To be Renewed | for 5 Years | | | |
| 8 | O&M Cost | | | | | |
| | | | O & M Cost & | | | |
| | | Year | Repairs | | | |
| | | | [Rs. In Lacs] | | | |
| | | | | | | |
| | | FY 2013-14 | 9.93 | | | |
| | | FY 2012-13 | 11.01 | | | |
| | | FY 2011-12 | 5.68 | | | |
| | | FY 2010-11 | 6.11 | | | |
| | | FY 2009-10 | 8.71 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 9 | Energy Banking | New owner will not be permitted energy banking | | | | |
| 10 | PLF (%) | 13.5% | | | | |
| 11 | CDM Status | Not done. | | | | |

HIGHLIGHTS:

- Average Generation of 9.49 Lacs. units per annum. The asset is around 20 years old. In the last ten years the worst generation that has been observed is around 8.0 Lacs. units per annum and the best generation that has been observed is around 11.0 Lacs. units per annum.
- Gujarat is one of the oldest states with regard to windmills and there do not seem to be any case of local issues in that area.
- The generation from the windmills will help is saving the cost incurred on account of power generation from the factory. Based on past performance it would be reasonable to say that there would be good track record of settlement of bills.
- The wheeling agreement for new owner would be for 5 years. The wheeling charges are expected to be 10% (in line with new policy).
- Energy Banking will not be permitted for the new owner.
- The land is on lease agreement from GEDA. It can / will be extended in slab of 5 years each.

GENERATION TRACK RECORD:

| Year | Controller Data | SLDC |
|------------------|-----------------|-----------|
| 2004-05 | 1,236,062 | 1,118,499 |
| 2005-06 | 1,107,659 | 1,010,616 |
| 2006-07 | 1,102,221 | 1,018,735 |
| 2007-08 | 1,027,930 | 919,079 |
| 2008-09 | 1,162,825 | 1,022,257 |
| 2009-10 | 1,069,932 | 910,977 |
| 2010-11 | 821,797 | 798,164 |
| 2011-12 | 948,097 | 895,040 |
| 2012-13 | 1,009,716 | 926,682 |
| 2013-14 | 956,803 | 871,890 |
| Total Generation | 10,443,042 | 9,491,939 |
| Avg. Generation | 1,044,304 | 949,194 |

The overall average generation per WTG is around 9.49 Lacs. units per annum.

• Asking Price: Rs. 1.5Crs plus transfer related expenses to be borne by buyer.