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Appendix I : Data Sheet of Rice Mills

Rice Mill Owner's Name & Address of the Mill	Mill Owner's Tel. Nos	Capacity of the Mill	Type of Rice Milled		Monthly Output of the Mill	Months of the Year Mill in Operation	Current Use of Rice Husk
			Parboiled	Raw			



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Instructions for Meter Readers

1. Please indicate the capacity of mills in Tons/hr or kg/hr.
2. By ticking under "Parboiled" or "Raw", the type of rice milled at a Mill can be mentioned.
3. Under "current use of rice husk", it is required to mention whether rice husk is used for brick kilns, poultry farms, cook stoves just burnt or dumped. If rice husk is sold, please mention that as well

Appendix II : Paddy Milling Data Collected from Polonnaruwa District

Item No	Location of the Mill	Monthly O/P in kg	Months in Operation												No of Months in operation	Annau O/P (Tons)	Type of Paddy Processed		Uses of Rice Husk
			1	2	3	4	5	6	7	8	9	10	11	12			Par boiled	Raw	
1	Galenbindunuwewa	9,000			1	1	1	1	1	1	1				7	63		1	3
2	Chandanapokuna	7,500			1	1	1	1	1	1	1				7	53		1	1
3	Unagalawehera	3,500			1	1	1	1	1	1	1				7	25	1	1	6
4	Unagalawehera	9,000			1	1	1	1	1	1	1				6	54	1	1	6
5	Unagalawehera	3,000			1	1	1	1	1	1	1				7	21	1	1	6
6	Unagalawehera	9,000		1	1	1	1	1	1	1	1				7	63		1	6
7	Unagalawehera	10,000	1	1	1	1	1	1	1	1	1	1	1	1	12	120	1	1	6
8	Unagalawehera	5,000	1	1	1	1	1	1	1	1	1	1	1	1	12	60	1	1	6
9	Palugaswewa	1,000	1	1	1	1	1	1	1	1	1	1	1	1	12	12	1	1	2,3
10	Palugaswewa	1,000	1	1	1	1	1	1	1	1	1	1	1	1	12	12	1	1	2
11	Habarana	700	1	1	1	1	1	1	1	1	1	1	1	1	12	8	1	1	6
12	Palugaswewa	1,000	1	1	1	1	1	1	1	1	1	1	1	1	12	12	1	1	2
13	Palugaswewa	500	1	1	1	1	1	1	1	1	1	1	1	1	12	6	1	1	2
14	Puwakpitiya	1,500	1	1	1	1	1	1	1	1	1	1	1	1	12	18	1	1	3
15	Thalpotha	3,000	1	1	1	1	1	1	1	1	1	1	1	1	12	36	1	1	2
16	Thalpotha	40,000	1	1	1	1	1	1	1	1	1	1	1	1	12	480	1		1
17	Jayapura	2,500	1	1	1	1	1	1	1	1	1	1	1	1	12	30	1	1	2
18	Habarana	15,000	1	1	1	1	1	1	1	1	1	1	1	1	12	180		1	3
19	Habarana	6,000	1	1	1	1	1	1	1	1	1	1	1	1	12	72	1	1	3
20	Habarana	4,500	1	1	1	1	1	1	1	1	1	1	1	1	12	54	1	1	3
21	Habarana	6,000	1	1	1	1	1	1	1	1	1	1	1	1	12	72	1	1	2
22	Habarana	2,000	1	1	1	1	1	1	1	1	1	1	1	1	12	24	1	1	3
23	Habarana	7,500	1	1	1	1	1	1	1	1	1	1	1	1	12	90	1	1	2
24	Jayanthipura	24,000	1	1	1	1	1	1	1	1	1	1	1	1	12	288	1	1	1
25	Thambala	8,000	1	1	1	1	1	1	1	1	1	1	1	1	12	96	1		1
26	Jayanthipura	2,900	1	1	1	1	1	1	1	1	1	1	1	1	12	35	1	1	2
27	Thambala	3,240	1	1	1	1	1	1	1	1	1	1	1	1	12	39	1	1	2
28	Thambala	3,500	1	1	1	1	1	1	1	1	1	1	1	1	12	42	1	1	2
29	Thambala	1,800	1	1	1	1	1	1	1	1	1	1	1	1	12	22	1	1	2
30	Thambala	5,000	1	1	1	1	1	1	1	1	1	1	1	1	12	60	1	1	2
31	Thambala	120,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,440	1	1	2
32	Jayanthipura	2,900	1	1	1	1	1	1	1	1	1	1	1	1	12	35	1	1	2
33	Jayanthipura	5,000	1	1	1	1	1	1	1	1	1	1	1	1	12	60	1	1	2
34	Jayanthipura	160,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,920	1	1	1
35	Sewagama	75,000	1	1	1	1	1	1	1	1	1	1	1	1	11	825	1		2
36	Habarana	2,500	1	1	1	1	1	1	1	1	1	1	1	1	12	30	1	1	6
37	Jayanthipura	7,500	1	1	1	1	1	1	1	1	1	1	1	1	12	90	1	1	6
38	Jayanthipura	8,000	1	1	1	1	1	1	1	1	1	1	1	1	12	96	1	1	6
39	Wawethenna	18,000	1	1	1	1	1	1	1	1	1	1	1	1	12	216	1	1	6
40	Wawethenna	6,000	1	1	1	1	1	1	1	1	1	1	1	1	12	72	1	1	6
41	Sewagama	7,500	1	1	1	1	1	1	1	1	1	1	1	1	12	90	1	1	6
42	Medirigiriya	5,000	1	1	1	1	1	1	1	1	1	1	1	1	12	60	1	1	6
43	Kaudulla	4,000	1	1	1	1	1	1	1	1	1	1	1	1	12	48	1	1	6
44	Hingurakgoda	2,500	1	1	1	1	1	1	1	1	1	1	1	1	12	30	1	1	6
45	Jayanthipura	195,000	1	1	1	1	1	1	1	1	1	1	1	1	12	2,340	1		1
46	Onegama	4,500	1	1	1	1	1	1	1	1	1	1	1	1	12	54	1	1	2
47	Onegama	4,500	1	1	1	1	1	1	1	1	1	1	1	1	12	54	1	1	2

Uses of Rice Husk:

1.) For paddy drying and parboiling 2.) For brick kilns 3.) For paltry farms 4.) For sale 5.) For burning 6.) Freely available 7.) Tobacco curing.

Appendix II : Paddy Milling Data Collected from Polonnaruwa District

Item No	Location of the Mill	Monthly O/P in kg	Months in Operation												No of Months in operation	Annual O/P (Tons)	Type of Paddy Processed		Uses of Rice Husk
			1	2	3	4	5	6	7	8	9	10	11	12			Par boiled	Raw	
48	Onegama	125,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,500		1	2
49	Medirigiriya	6,000	1	1	1	1	1	1	1	1	1	1	1	1	12	72	1	1	2
50	Medirigiriya	5,760	1	1	1	1	1	1	1	1	1	1	1	1	12	69	1	1	4
51	Kaudulla	12,600	1	1	1	1	1	1	1	1	1	1	1	1	12	151	1	1	2
52	Kaudulla	10,800	1	1	1	1	1	1	1	1	1	1	1	1	12	130	1	1	4
53	Kaudulla	14,500	1	1	1	1	1	1	1	1	1	1	1	1	12	174	1	1	4
54	Kaudulla	9,500	1	1	1	1	1	1	1	1	1	1	1	1	12	114	1	1	2
55	Diyasenpura	4,000	1	1	1	1	1	1	1	1	1	1	1	1	12	48	1	1	2
56	Diyasenpura	3,000	1	1	1	1	1	1	1	1	1	1	1	1	12	36	1	1	2
57	Diyasenpura	3,000	1	1	1	1	1	1	1	1	1	1	1	1	12	36	1	1	2
58	Diyasenpura	2,000	1	1	1	1	1	1	1	1	1	1	1	1	12	24	1	1	2
59	Kahabliyawa	2,200	1	1	1	1	1	1	1	1	1	1	1	1	12	26	1	1	2
60	Kirimetiya	3,500	1	1	1	1	1	1	1	1	1	1	1	1	12	42	1	1	2
61	Kirimetiya	2,200	1	1	1	1	1	1	1	1	1	1	1	1	12	26	1	1	2
62	Wijayarajapura	3,000	1	1	1	1	1	1	1	1	1	1	1	1	12	36	1	1	2
63	Wijayarajapura	3,000	1	1	1	1	1	1	1	1	1	1	1	1	12	36	1	1	2
64	Kalinga ela	3,000	1	1	1	1	1	1	1	1	1	1	1	1	12	36	1	1	2
65	Kalinga ela	12,000	1	1	1	1	1	1	1	1	1	1	1	1	12	144	1	1	2
66	Diyasenpura	4,000	1	1	1	1	1	1	1	1	1	1	1	1	12	48	1	1	2
67	Bendiwewa	130,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,560	1	1	2
68	Bendiwewa	24,000	1	1	1	1	1	1	1	1	1	1	1	1	12	288	1	1	2
69	Bendiwewa	10,000	1	1	1	1	1	1	1	1	1	1	1	1	12	120	1	1	2
70	Bendiwewa	120,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,440	1		1,2
71	Bendiwewa	90,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,080	1		1,2
72	Bendiwewa	100,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,200	1		2
73	Kirimetiya	30,000	1	1	1	1	1	1	1	1	1	1	1	1	12	360	1		1,2
74	Medirigiriya	30,000	1	1	1	1	1	1	1	1	1	1	1		10	300	1		1
75	Medirigiriya	15,000	1	1	1	1	1	1	1	1	1	1	1		10	150	1		1
76	Medirigiriya	60,000		1	1	1				1	1	1			6	360	1		1
77	Medirigiriya	12,000	1	1	1	1	1	1	1	1	1	1	1	1	12	144	1	1	2
78	Medirigiriya	60,000	1	1	1	1	1	1	1	1	1	1	1	1	12	720	1	1	1
79	Galamuna	7,500	1	1	1	1	1	1	1	1	1	1	1	1	12	90	1		2
80	Galamuna	7,500	1	1	1	1	1	1	1	1	1	1	1	1	12	90	1	1	1
81	Polonnaruwa	25,000	1	1	1	1	1	1	1	1	1	1	1	1	12	300	1	1	4
82	Palugasdamana	1,500	1	1	1	1	1	1	1	1	1	1	1	1	12	18	1	1	2
83	Palugasdamana	8,000	1	1	1	1	1	1	1	1	1	1	1	1	12	96	1	1	2
84	Palugasdamana	4,000	1	1	1	1	1	1	1	1	1	1	1	1	12	48	1	1	6
85	Palugasdamana	6,000	1	1	1	1	1	1	1	1	1	1	1	1	12	72	1		6
86	Hingurakgoda	3,000	1	1	1	1	1	1	1	1	1	1	1	1	12	36	1	1	2
87	Hingurakgoda	4,000	1	1	1	1	1	1	1	1	1	1	1	1	12	48	1	1	2
88	Hingurakgoda	1,250	1	1	1	1	1	1	1	1	1	1	1	1	12	15	1	1	1,2,3
89	Hingurakgoda	14,000	1	1	1	1	1	1	1	1	1	1	1	1	12	168	1	1	6
90	Hingurakgoda	4,000	1	1	1	1	1	1	1	1	1	1	1	1	12	48	1	1	6
91	Polonnaruwa	4,000	1	1	1	1	1	1	1	1	1	1	1	1	12	48	1	1	2
92	Palugasdamana	2,000	1	1	1	1	1	1	1	1	1	1	1	1	12	24	1	1	6
93	Bisobandaragama	4,400	1	1	1	1	1	1	1	1	1	1	1	1	12	53	1		2
94	Bisobandaragama	172,800	1	1	1	1	1	1	1	1	1	1	1	1	12	2,074	1		1

Uses of Rice Husk:

1.) For paddy drying and parboiling 2.) For brick kilns 3.) For paltry farms 4.) For sale 5.) For burning 6.) Freely available 7.) Tobacco curing.

Appendix II : Paddy Milling Data Collected from Polonnaruwa District

Item No	Location of the Mill	Monthly O/P in kg	Months in Operation												No of Months in operation	Annual O/P (Tons)	Type of Paddy Processed		Uses of Rice Husk
			1	2	3	4	5	6	7	8	9	10	11	12			Par boiled	Raw	
95	Bisobandaragama	12,000	1	1	1	1	1	1	1	1	1	1	1	1	12	144	1	1	1
96	Bisobandaragama	10,000	1	1	1	1	1	1	1	1	1	1	1	1	12	120	1	1	2
97	Thalpotha	9,600	1	1	1	1	1	1	1	1	1	1	1	1	12	115	1	1	2
98	Debarella	12,800	1	1	1	1	1	1	1	1	1	1	1	1	12	154	1	1	1
99	Debarella	1,650	1	1	1	1	1	1	1	1	1	1	1	1	12	20	1	1	2
100	Debarella	1,200	1	1	1	1	1	1	1	1	1	1	1	1	12	14	1	1	2
101	Debarella	1,500	1	1	1	1	1	1	1	1	1	1	1	1	12	18	1	1	2
102	Polonnaruwa	5,000	1	1	1	1	1	1	1	1	1	1	1	1	12	60	1	1	2
103	Polonnaruwa	3,000	1	1	1	1	1	1	1	1	1	1	1	1	12	36	1	1	2
104	Polonnaruwa	10,000	1	1	1	1	1	1	1	1	1	1	1	1	12	120	1	1	1,2
105	Polonnaruwa	5,000	1	1	1	1	1	1	1	1	1	1	1	1	12	60	1	1	2
106	Ambagaswewa	1,250	1	1	1	1	1	1	1	1	1	1	1	1	12	15	1		2
107	Ambagaswewa	60,000	1	1	1	1	1	1	1	1	1	1	1	1	12	720	1		2
108	Ambagaswewa	30,000	1	1	1	1	1	1	1	1	1	1	1	1	12	360	1		1
109	Kaduruwela	100,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,200	1		1,2
110	Kaduruwela	75,000	1	1	1	1	1	1	1	1	1	1	1	1	12	900	1		1,2
111	Kaduruwela	75,000	1	1	1	1	1	1	1	1	1	1	1	1	12	900	1		1,2
112	Kaduruwela	250,000	1	1	1	1	1	1	1	1	1	1	1	1	12	3,000	1		1
113	Kaduruwela	187,500	1	1	1	1	1	1	1	1	1	1	1	1	12	2,250		1	6
114	Kaduruwela	150,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,800		1	2
115	Kaduruwela	112,500	1	1	1	1	1	1	1	1	1	1	1	1	12	1,350	1		2
116	Kaduruwela	90,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,080	1		2
117	Kaduruwela	75,000	1	1	1	1	1	1	1	1	1	1	1	1	12	900	1		1
118	Kaduruwela	120,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,440	1		1
119	Kaduruwela	225,000	1	1	1	1	1	1	1	1	1	1	1	1	12	2,700	1		1
120	Kaduruwela	150,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,800	1		1
121	Kaduruwela	187,500	1	1	1	1	1	1	1	1	1	1	1	1	12	2,250	1		1
122	Kaduruwela	300,000	1	1	1	1	1	1	1	1	1	1	1	1	12	3,600	1		1
123	Kaduruwela	112,500	1	1	1	1	1	1	1	1	1	1	1	1	12	1,350	1		1
124	Kaduruwela	150,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,800	1		2
125	Kaduruwela	90,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,080	1		1
126	Kaduruwela	120,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,440	1		1
127	Ambagaswewa	12,000	1	1	1	1	1	1	1	1	1	1	1	1	12	144	1	1	2,3
128	Ambagaswewa	11,500	1	1	1	1	1	1	1	1	1	1	1	1	12	138	1	1	2,3
129	Ambagaswewa	25,000	1	1	1	1	1	1	1	1	1	1	1	1	12	300	1	1	2,3
130	Ambagaswewa	1,500	1	1	1	1	1	1	1	1	1	1	1	1	12	18	1	1	2
131	Ambagaswewa	23,000	1	1	1	1	1	1	1	1	1	1	1	1	12	276	1	1	2,3
132	Sungawila	75,000	1	1	1	1	1	1	1	1	1	1	1	1	12	900	1	1	1
133	Sungawila	62,500	1	1	1	1	1	1	1	1	1	1	1	1	12	750	1	1	2,3
134	Polonnaruwa	11,500	1	1	1	1	1	1	1	1	1	1	1	1	12	138	1	1	2
135	Polonnaruwa	12,000	1	1	1	1	1	1	1	1	1	1	1	1	12	144	1	1	2
136	Kaduruwela	30,000	1	1	1	1	1	1	1	1	1	1	1	1	12	360	1	1	1
137	Kaduruwela	17,000	1	1	1	1	1	1	1	1	1	1	1	1	12	204	1		2
138	Kaduruwela	13,000	1	1	1	1	1	1	1	1	1	1	1	1	12	156	1	1	1
139	Kaduruwela	2,500,000	1	1	1	1	1	1	1	1	1	1	1	1	12	30,000	1		1
140	Kaduruwela	2,500	1	1	1	1	1	1	1	1	1	1	1	1	12	30	1	1	2
141	Kaduruwela	5,000	1	1	1	1	1	1	1	1	1	1	1	1	12	60	1	1	2

Uses of Rice Husk:

1.) For paddy drying and parboiling 2.) For brick kilns 3.) For paltry farms 4.) For sale 5.) For burning 6.) Freely available 7.) Tobacco curing.

Appendix II : Paddy Milling Data Collected from Polonnaruwa District

Item No	Location of the Mill	Monthly O/P in kg	Months in Operation												No of Months in operation	Annul O/P (Tons)	Type of Paddy Processed		Uses of Rice Husk
			1	2	3	4	5	6	7	8	9	10	11	12			Par boiled	Raw	
142	Kaduruwela	35,000	1	1	1	1	1	1	1	1	1	1	1	1	12	420	1	1	2,3
143	Kaduruwela	1,750,000	1	1	1	1	1	1	1	1	1	1	1	1	12	21,000	1		1
144	Kaduruwela	2,500,000	1	1	1	1	1	1	1	1	1	1	1	1	12	30,000		1	2,3
145	Kaduruwela	5,000,000	1	1	1	1	1	1	1	1	1	1	1	1	12	60,000	1		1
146	Kaduruwela	350,000	1	1	1	1	1	1	1	1	1	1	1	1	12	4,200	1	1	1
147	Kaduruwela	25,000	1	1	1	1	1	1	1	1	1	1	1	1	12	300		1	2,3
148	Kaduruwela	30,000	1	1	1	1	1	1	1	1	1	1	1	1	12	360	1		6
149	Kaduruwela	25,000	1	1	1	1	1	1	1	1	1	1	1	1	12	300	1		6
150	Kaduruwela	27,000	1	1	1	1	1	1	1	1	1	1	1	1	12	324	1		6
151	Kaduruwela	35,000	1	1	1	1	1	1	1	1	1	1	1	1	12	420	1		6
152	Kaduruwela	30,000	1	1	1	1	1	1	1	1	1	1	1	1	12	360	1		6
153	Kaduruwela	20,000	1	1	1	1	1	1	1	1	1	1	1	1	12	240	1		6
154	Kaduruwela	18,000	1	1	1	1	1	1	1	1	1	1	1	1	12	216	1		6
155	Kaduruwela	10,000	1	1	1	1	1	1	1	1	1	1	1	1	12	120	1		6
156	Wijayarajapura	5,000	1	1	1	1	1	1	1	1	1	1	1	1	12	60	1	1	2
157	Mahathalakolawewa	15,000	1	1	1	1	1	1	1	1	1	1	1	1	12	180	1	1	2
158	Mahathalakolawewa	12,000	1	1	1	1	1	1	1	1	1	1	1	1	12	144	1	1	2
159	Mahathalakolawewa	12,500	1	1	1	1	1	1	1	1	1	1	1	1	12	150	1	1	2
160	Mahathalakolawewa	10,000	1	1	1	1	1	1	1	1	1	1	1	1	12	120	1	1	2
161	Pulasthigama	6,000	1	1	1	1	1	1	1	1	1	1	1	1	12	72	1	1	2
162	Pulasthigama	7,500	1	1	1	1	1	1	1	1	1	1	1	1	12	90	1	1	2
163	Ambagaswewa	10,000	1	1	1	1	1	1	1	1	1	1	1	1	12	120	1	1	2,3,4
164	Ambagaswewa	8,000	1	1	1	1	1	1	1	1	1	1	1	1	12	96	1	1	1,2,3
165	Ambagaswewa	6,000	1	1	1	1	1	1	1	1	1	1	1	1	12	72		1	4
166	Ambagaswewa	3,000	1	1	1	1	1	1	1	1	1	1	1	1	12	36	1	1	2
167	Ambagaswewa	5,000	1	1	1	1	1	1	1	1	1	1	1	1	12	60	1	1	2,3
168	Bisobandaragama	15,000	1	1	1	1	1	1	1	1	1	1	1	1	12	180	1	1	2
169	Pulasthigama	60,000	1	1	1	1	1	1	1	1	1	1	1	1	12	720	1	1	1,2
170	Pulasthigama	6,000	1	1	1	1	1	1	1	1	1	1	1	1	12	72	1	1	2
171	Pulasthigama	5,000	1	1	1	1	1	1	1	1	1	1	1	1	12	60	1	1	2
172	Pulasthigama	5,000	1	1	1	1	1	1	1	1	1	1	1	1	12	60	1	1	2,3
173	Pulasthigama	15,000	1	1	1	1	1	1	1	1	1	1	1	1	12	180	1	1	2
174	Kaduruwela	4,000	1	1	1	1	1	1	1	1	1	1	1	1	12	48	1	1	2
175	Polonnaruwa	3,500	1	1	1	1	1	1	1	1	1	1	1	1	12	42	1	1	2
176	Diyasenpura	30,000	1	1	1	1	1	1	1	1	1	1	1	1	12	360	1	1	2
177	Mahathalakolawewa	15,000	1	1	1	1	1	1	1	1	1	1	1	1	12	180	1	1	2
178	Diyasenpura	9,000	1	1	1	1	1	1	1	1	1	1	1	1	12	108	1	1	2
179	Mahathalakolawewa	18,000	1	1	1	1	1	1	1	1	1	1	1	1	12	216	1	1	2
180	Pulasthigama	15,000	1	1	1	1	1	1	1	1	1	1	1	1	12	180	1	1	2
181	Pulasthigama	90,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,080	1	1	1,2
182	Pulasthigama	30,000	1	1	1	1	1	1	1	1	1	1	1	1	12	360	1	1	2
183	kashyapapura	100,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,200	1	1	1
184	Aralaganwila	12,000	1	1	1	1	1	1	1	1	1	1	1	1	12	144	1	1	6
185	Gallella	25,000	1	1	1	1	1	1	1	1	1	1	1	1	12	300	1		1
186	Minneriya	80,000	1	1	1	1	1	1	1	1	1	1	1	1	12	960	1		1,4
187	Minneriya	130,000		1	1	1	1	1	1	1					8	1,040	1		1
188	Ruhunugama	2,000	1	1	1	1	1	1	1	1	1	1	1	1	12	24	1	1	2

Uses of Rice Husk:

1.) For paddy drying and parboiling 2.) For brick kilns 3.) For paltry farms 4.) For sale 5.) For burning 6.) Freely available 7.) Tobacco curing.

Appendix II : Paddy Milling Data Collected from Polonnaruwa District

Item No	Location of the Mill	Monthly O/P in kg	Months in Operation												No of Months in operation	Annual O/P (Tons)	Type of Paddy Processed		Uses of Rice Husk
			1	2	3	4	5	6	7	8	9	10	11	12			Par boiled	Raw	
189	Ruhunugama	8,000	1	1	1	1	1	1	1	1	1	1	1	1	12	96	1	1	2
190	Ruhunugama	5,000	1	1	1	1	1	1	1	1	1	1	1	1	12	60	1	1	2
191	Diyabeduma	2,000	1	1	1	1	1	1	1	1	1	1	1	1	12	24	1	1	2
192	Diyabeduma	2,500	1	1	1	1	1	1	1	1	1	1	1	1	12	30	1	1	2
193	Diyabeduma	1,500	1	1	1	1	1	1	1	1	1	1	1	1	12	18	1	1	2
194	Divulankadawala	6,000	1	1	1	1	1	1	1	1	1	1	1	1	12	72	1	1	2,3
195	Divulankadawala	5,500	1	1	1	1	1	1	1	1	1	1	1	1	12	66	1	1	2
196	Divulankadawala	4,500	1	1	1	1	1	1	1	1	1	1	1	1	12	54	1	1	2
197	Aththanakadawala	5,000	1	1	1	1	1	1	1	1	1	1	1	1	12	60	1	1	2,3
198	Ruhunugama	7,500	1	1	1	1	1	1	1	1	1	1	1	1	12	90	1	1	2
199	Ruhunugama	8,000	1	1	1	1	1	1	1	1	1	1	1	1	12	96	1	1	4
200	Ruhunugama	12,000	1	1	1	1	1	1	1	1	1	1	1	1	12	144	1	1	2
201	Ruhunugama	3,200	1	1	1	1	1	1	1	1	1	1	1	1	12	38	1	1	2,4
202	Ruhunugama	4,500	1	1	1	1	1	1	1	1	1	1	1	1	12	54	1	1	2,3
203	Ruhunugama	5,000	1	1	1	1	1	1	1	1	1	1	1	1	12	60	1	1	2
204	Divulankadawala	7,500	1	1	1	1	1	1	1	1	1	1	1	1	12	90	1	1	2
205	Divulankadawala	2,500	1	1	1	1	1	1	1	1	1	1	1	1	12	30	1	1	2
206	Divulankadawala	2,500	1	1	1	1	1	1	1	1	1	1	1	1	12	30	1	1	3
207	Hingurakgoda	9,000	1	1	1	1	1	1	1	1	1	1	1	1	12	108	1	1	2
208	Hingurakgoda	9,000	1	1	1	1	1	1	1	1	1	1	1	1	12	108	1	1	2
209	Hingurakgoda	9,000	1	1	1	1	1	1	1	1	1	1	1	1	12	108	1	1	1,2
210	Aththanakadawala	6,000	1	1	1	1	1	1	1	1	1	1	1	1	12	72	1	1	3
211	Pibureththeva	5,000	1	1	1	1	1	1	1	1	1	1	1	1	12	60	1	1	2
212	Polonnaruwa	4,500	1	1	1	1	1	1	1	1	1	1	1	1	12	54	1	1	2
213	Polonnaruwa	6,000	1	1	1	1	1	1	1	1	1	1	1	1	12	72	1	1	2
214	Polonnaruwa	5,000	1	1	1	1	1	1	1	1	1	1	1	1	12	60	1	1	2
215	Manampitiya	54,000	1	1	1	1	1	1	1	1	1	1	1	1	12	648	1	1	1
216	Sewanapitiya	10,000	1	1	1	1	1	1	1	1	1	1	1	1	12	120	1		1
217	Sewanapitiya	6,000	1	1	1	1	1	1	1	1	1	1	1	1	12	72	1	1	2
218	Sewanapitiya	3,000	1	1	1	1	1	1	1	1	1	1	1	1	12	36	1	1	2
219	Divulankadawala	7,500	1	1	1	1	1	1	1	1	1	1	1	1	12	90	1	1	4
220	Attanakadawala	2,000	1	1	1	1	1	1	1	1	1	1	1	1	12	24	1	1	2,3
221	Attanakadawala	2,000	1	1	1	1	1	1	1	1	1	1	1	1	12	24	1	1	2,3
222	Kottapitiya	6,000	1	1	1	1	1	1	1	1	1	1	1	1	12	72	1	1	2
223	Kottapitiya	3,500	1	1	1	1	1	1	1	1	1	1	1	1	12	42	1	1	4
224	kusumpokuna	300,000	1	1	1	1	1	1	1	1	1	1	1	1	12	3,600	1		1
225	Aralaganwila	60,000	1	1	1	1	1	1	1	1	1	1	1	1	12	720	1		4
226	Aralaganwila	1,000	1	1	1	1	1	1	1	1	1	1	1	1	12	12	1	1	2
227	Aralaganwila	2,000	1	1	1	1	1	1	1	1	1	1	1	1	12	24	1	1	2
228	Galthalawa	3,000	1	1	1	1	1	1	1	1	1	1	1	1	12	36	1	1	2
229	Devagala	2,000	1	1	1	1	1	1	1	1	1	1	1	1	12	24	1	1	2
230	Nelumwewa	3,000	1	1	1	1	1	1	1	1	1	1	1	1	12	36	1	1	2
231	Nelumwewa	3,000	1	1	1	1	1	1	1	1	1	1	1	1	12	36	1	1	2
232	Aralaganwila	1,000	1	1	1	1	1	1	1	1	1	1	1	1	12	12	1	1	2
233	Ethugala	2,500	1	1	1	1	1	1	1	1	1	1	1	1	12	30	1	1	2
234	Sewanapitiya	8,000	1	1	1	1	1	1	1	1	1	1	1	1	12	96	1	1	2
235	Muthugala	3,000	1	1	1	1	1	1	1	1	1	1	1	1	12	36	1	1	2

Uses of Rice Husk:

1.) For paddy drying and parboiling 2.) For brick kilns 3.) For paltry farms 4.) For sale 5.) For burning 6.) Freely available 7.) Tobacco curing.

Appendix II : Paddy Milling Data Collected from Polonnaruwa District

Item No	Location of the Mill	Monthly O/P in kg	Months in Operation												No of Months in operation	Annual O/P (Tons)	Type of Paddy Processed		Uses of Rice Husk
			1	2	3	4	5	6	7	8	9	10	11	12			Par boiled	Raw	
236	Aralaganwila	1,500	1	1	1	1	1	1	1	1	1	1	1	1	12	18	1	1	6
237	Aralaganwila	1,000	1	1	1	1	1	1	1	1	1	1	1	1	12	12	1	1	6
238	Aralaganwila	7,500	1	1	1	1	1	1	1	1	1	1	1	1	12	90	1	1	6
239	Aralaganwila	1,500	1	1	1	1	1	1	1	1	1	1	1	1	12	18	1	1	6
240	Aralaganwila	2,500	1	1	1	1	1	1	1	1	1	1	1	1	12	30	1	1	2
241	Udaganawa	5,000	1	1	1	1	1	1	1	1	1	1	1	1	12	60	1	1	2
242	Udaganawa	1,200	1	1	1	1	1	1	1	1	1	1	1	1	12	14	1	1	2
243	Hingurakgoda	30,000	1	1	1	1	1	1	1	1	1	1	1	1	12	360	1	1	1
244	Hingurakgoda	5,000	1	1	1	1	1	1	1	1	1	1	1	1	12	60	1	1	1
245	Hingurakgoda	8,000	1	1	1	1	1	1	1	1	1	1	1	1	12	96	1	1	2
246	Hingurakgoda	6,000	1	1	1	1	1	1	1	1	1	1	1	1	12	72	1	1	2
247	Hingurakgoda	6,000	1	1	1	1	1	1	1	1	1	1	1	1	12	72		1	2
248	Kottapitiya	16,000	1	1	1	1	1	1	1	1	1	1	1	1	12	192	1		2,7
249	Polonnaruwa	6,000	1	1	1	1	1	1	1	1	1	1	1	1	12	72	1	1	2,7
250	Polonnaruwa	3,000	1	1	1	1	1	1	1	1	1	1	1	1	12	36	1	1	2,7
251	Polonnaruwa	8,000	1	1	1	1	1	1	1	1	1	1	1	1	12	96	1	1	2,7
252	Hingurakgoda	3,500	1	1	1	1	1	1	1	1	1	1	1	1	12	42	1	1	2
253	Hingurakgoda	1,000	1	1	1	1	1	1	1	1	1	1	1	1	12	12	1	1	2
254	Hingurakgoda	2,000	1	1	1	1	1	1	1	1	1	1	1	1	12	24	1	1	2,3
255	Hingurakgoda	2,500	1	1	1	1	1	1	1	1	1	1	1	1	12	30	1	1	2
256	Hingurakgoda	1,000	1	1	1	1	1	1	1	1	1	1	1	1	12	12	1	1	2
257	Hingurakgoda	1,000	1	1	1	1	1	1	1	1	1	1	1	1	12	12	1	1	2
258	Hingurakgoda	1,000	1	1	1	1	1	1	1	1	1	1	1	1	12	12	1	1	2
259	Hingurakgoda	1,000	1	1	1	1	1	1	1	1	1	1	1	1	12	12	1	1	2
260	Hingurakgoda	1,800	1	1	1	1	1	1	1	1	1	1	1	1	12	22	1	1	2
261	Hingurakgoda	2,000	1	1	1	1	1	1	1	1	1	1	1	1	12	24	1	1	2
262	Hingurakgoda	6,000	1	1	1	1	1	1	1	1	1	1	1	1	12	72	1	1	2
263	Hingurakgoda	3,000	1	1	1	1	1	1	1	1	1	1	1	1	12	36	1	1	2,3
264	Hingurakgoda	3,500	1	1	1	1	1	1	1	1	1	1	1	1	12	42	1	1	2
265	Kottapitiya	1,500	1	1	1	1	1	1	1	1	1	1	1	1	12	18	1	1	2
266	Kottapitiya	1,000	1	1	1	1	1	1	1	1	1	1	1	1	12	12	1	1	2
267	Kottapitiya	2,000	1	1	1	1	1	1	1	1	1	1	1	1	12	24	1	1	2
268	Kottapitiya	3,000	1	1	1	1	1	1	1	1	1	1	1	1	12	36	1	1	2
269	Kottapitiya	1,800	1	1	1	1	1	1	1	1	1	1	1	1	12	22	1	1	2,3
270	Kottapitiya	2,000	1	1	1	1	1	1	1	1	1	1	1	1	12	24	1	1	2
271	Welikanda	10,000	1	1	1	1	1	1	1	1	1	1	1	1	12	120	1	1	4
272	Polonnaruwa	3,000	1	1	1	1	1	1	1	1	1	1	1	1	12	36	1	1	4
273	Polonnaruwa	3,000	1	1	1	1	1	1	1	1	1	1	1	1	12	36	1	1	4
274	Polonnaruwa	7,000	1	1	1	1	1	1	1	1	1	1	1	1	12	84	1	1	4
275	Welikanda	8,000	1	1	1	1	1	1	1	1	1	1	1	1	12	96	1	1	4
276	Welikanda	7,000	1	1	1	1	1	1	1	1	1	1	1	1	12	84	1	1	4
277	Welikanda	8,000	1	1	1	1	1	1	1	1	1	1	1	1	12	96	1	1	4
278	Minneriya	120,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,440		1	4
279	Minneriya	60,000	1	1	1	1	1	1	1	1	1	1	1	1	12	720	1		2
280	Minneriya	150,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,800	1		1
281	Minneriya	60,000	1	1	1	1	1	1	1	1	1	1	1	1	12	720	1	1	4
282	Minneriya	60,000	1	1	1	1	1	1	1	1	1	1	1	1	12	720	1	1	4

Uses of Rice Husk:

1.) For paddy drying and parboiling 2.) For brick kilns 3.) For paltry farms 4.) For sale 5.) For burning 6.) Freely available 7.) Tobacco curing.

Appendix II : Paddy Milling Data Collected from Polonnaruwa District

Item No	Location of the Mill	Monthly O/P in kg	Months in Operation												No of Months in operation	Annual O/P (Tons)	Type of Paddy Processed		Uses of Rice Husk
			1	2	3	4	5	6	7	8	9	10	11	12			Par boiled	Raw	
283	Minneriya	6,000	1	1	1	1	1	1	1	1	1	1	1	1	12	72	1	1	4
284	Bakamuna	8,000	1	1	1	1	1	1	1	1	1	1	1	1	12	96	1	1	4
285	Bakamuna	3,000	1	1	1	1	1	1	1	1	1	1	1	1	12	36	1	1	4
286	Girithale	20,000	1	1	1	1	1	1	1	1	1	1	1	1	12	240	1		1
287	Girithale	30,000	1	1	1	1	1	1	1	1	1	1	1	1	12	360	1	1	1
288	Girithale	1,000	1	1	1	1	1	1	1	1	1	1	1	1	12	12	1	1	2
289	Hingurakgoda	7,000	1	1	1	1	1	1	1	1	1	1	1	1	12	84	1	1	4
290	Hingurakgoda	2,000	1	1	1	1	1	1	1	1	1	1	1	1	12	24	1	1	6
291	Bakamuna	700	1	1	1	1	1	1	1	1	1	1	1	1	12	8	1	1	6
292	Bakamuna	500	1	1	1	1	1	1	1	1	1	1	1	1	12	6	1	1	6
293	Katukelle	1,200	1	1	1	1	1	1	1	1	1	1	1	1	12	14	1	1	6
294	Katukelle	1,500	1	1	1	1	1	1	1	1	1	1	1	1	12	18	1	1	6
295	Welikanda	12,500	1	1	1	1	1	1	1	1	1	1	1	1	12	150	1	1	6
296	Minneriya	210,000	1	1	1	1	1	1	1	1	1	1	1	1	12	2,520	1		1
297	Minneriya	100,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,200	1		1
298	Medirigiriya	90,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,080		1	2
299	Medirigiriya	3,000	1	1	1	1	1	1	1	1	1	1	1	1	12	36		1	2
300	Medirigiriya	6,000	1	1	1	1	1	1	1	1	1	1	1	1	12	72		1	2
301	Galamuna	150,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,800		1	2
302	Galamuna	1,500	1	1	1	1	1	1	1	1	1	1	1	1	12	18		1	2
303	Galamuna	6,000	1	1	1	1	1	1	1	1	1	1	1	1	12	72	1	1	2
304	Kaudulla	3,000	1	1	1	1	1	1	1	1	1	1	1	1	12	36	1	1	2
305	Polonnaruwa	15,000	1	1	1	1	1	1	1	1	1	1	1	1	12	180	1	1	2
306	Polonnaruwa	21,000	1	1	1	1	1	1	1	1	1	1	1	1	12	252	1	1	2
307	Polonnaruwa	50,000	1	1	1	1	1	1	1	1	1	1	1	1	12	600	1		1
308	Hembarawa	60,000	1	1	1	1	1	1	1	1	1	1	1	1	12	720		1	6
309	Minneriya	200,000			1	1	1	1	1	1	1	1			8	1,600	1		1
310	Minneriya	200,000	1	1	1	1	1	1	1	1	1	1	1	1	12	2,400	1		1
311	Minneriya	250,000	1	1	1	1	1	1	1	1	1	1	1	1	12	3,000	1		1
312	Minneriya	100,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,200	1		1
313	Minneriya	128,000			1	1	1	1		1	1	1	1		8	1,024	1		1
314	Minneriya	180,000			1	1	1	1	1	1	1				8	1,440	1		1
315	Minneriya	200,000			1	1	1	1	1	1	1				8	1,600	1		1
316	Minneriya	220,000			1	1	1	1	1	1	1				8	1,760	1		1
317	Minneriya	100,000			1	1	1	1	1	1	1				8	800	1		1
318	Unagalawehera	120,000			1	1	1	1	1	1	1				8	960	1		1
319	Unagalawehera	60,000			1	1	1	1	1	1	1				8	480	1		1
320	Unagalawehera	150,000			1	1	1	1	1	1	1				8	1,200	1		1
321	Unagalawehera	100,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,200	1		1
322	Hingurakgoda	300,000			1	1	1		1	1	1	1	1		9	2,700	1		1
323	Polonnaruwa	350,000			1	1	1		1	1	1	1	1		9	3,150	1		1
324	Girandurukotte	300,000	1	1	1	1	1	1	1	1	1	1	1	1	12	3,600		1	6
325	Aralaganwila	18,000	1	1	1	1	1	1	1	1					8	144	1		1
326	Girithale	176,000	1	1	1	1	1	1	1	1	1	1	1	1	12	2,112	1		1
327	Kaduruwela	150,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,800	1	1	1
328	Kaduruwela	150,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,800	1		1
329	Girithale	253,000	1	1	1	1	1	1	1	1	1	1	1	1	12	3,036	1		1

Uses of Rice Husk:

1.) For paddy drying and parboiling 2.) For brick kilns 3.) For paltry farms 4.) For sale 5.) For burning 6.) Freely available 7.) Tobacco curing.

Appendix II : Paddy Milling Data Collected from Polonnaruwa District

Item No	Location of the Mill	Monthly O/P in kg	Months in Operation												No of Months in operation	Annual O/P [Tons]	Type of Paddy Processed		Uses of Rice Husk
			1	2	3	4	5	6	7	8	9	10	11	12			Par boiled	Raw	
330	Girithale	100,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,200	1		1
331	Jayanthipura	250,000	1	1	1	1	1	1	1	1	1	1	1	1	12	3,000	1		1
332	Jayanthipura	96,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,152	1		1
333	Kaduruwela	75,000	1	1	1	1	1	1	1	1	1	1	1	1	12	900	1		1
334	Polonnaruwa	150,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,800	1		1
335	Polonnaruwa	15,000	1	1	1	1	1	1	1	1	1	1	1	1	12	180	1		1
336	Polonnaruwa	150,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,800	1		1
337	Minneriya	200,000	1	1	1	1	1	1	1	1	1	1	1	1	12	2,400	1		1
338	Minneriya	150,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,800	1		1
339	Minneriya	300,000	1	1	1	1	1	1	1	1	1	1	1	1	12	3,600	1		1
340	Hingurakgoda	128,000	1	1	1	1	1	1	1	1	1	1	1	1	12	1,536	1		1
341	jayanthipura	80,000	1	1	1	1	1	1	1	1	1	1	1	1	12	960	1		1
342	Sewagama	7,000	1	1	1	1	1	1	1	1	1	1	1	1	12	84	1		1
		Total														299,098			



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Uses of Rice Husk:

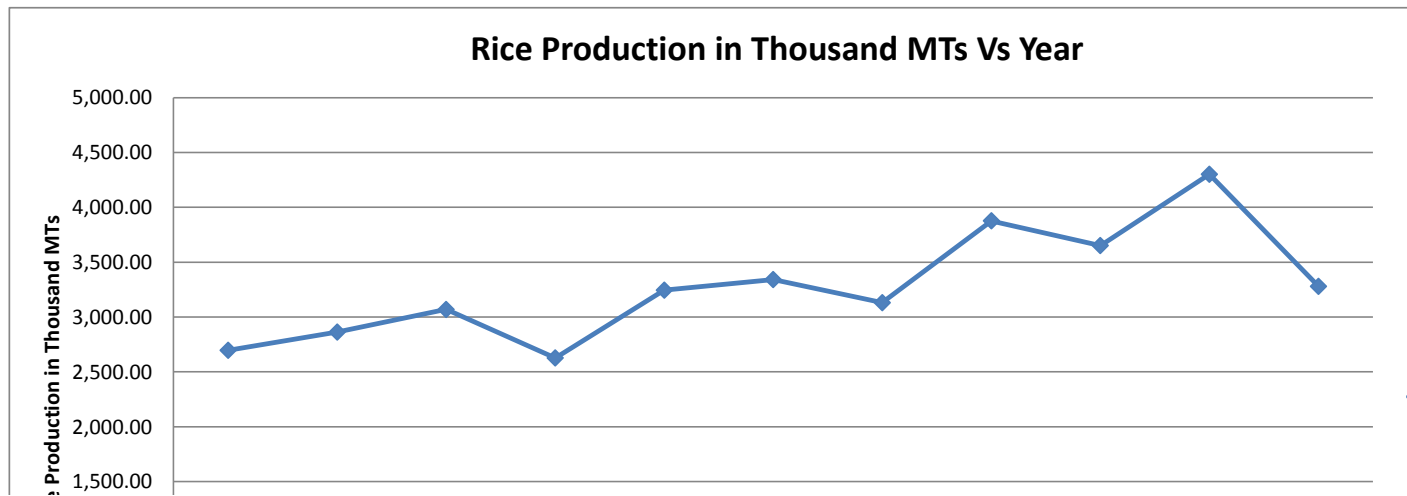
1.) For paddy drying and parboiling 2.) For brick kilns 3.) For paltry farms 4.) For sale 5.) For burning 6.) Freely available 7.) Tobacco curing.

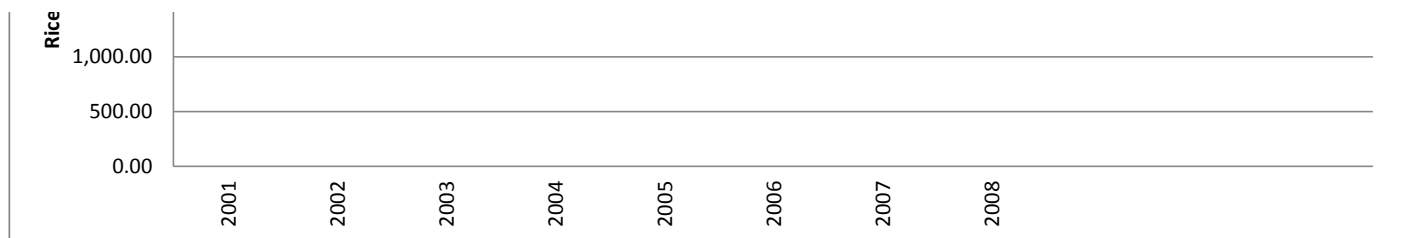
Appendix III : Area Wise Paddy Production Data from 2001 to 2010

District	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Average Annual Paddy Production in '000 MT
AMPARA	470	472	451.1	503.2	499.7	530.8	500	582.6	552.3	634.2	520
POLONNARUWA	420	372	381.4	394.7	440.5	439	450.4	478.9	416.3	547.4	434
KURUNEGALA	242.6	361.3	397.4	145.2	319.9	389.4	366.9	503.4	467	499.5	369
ANURADHAPURA	208	204	286.8	111.7	305.6	301.5	275	418.5	358.2	410.6	288
MAHAWELI'H'	148	137	147.3	121.7	188	176.3	173.3	205.4	162.5	224.4	168
HAMBANTOTA	95	104	125.6	123.2	132.9	152.1	189.3	201	212.9	226.1	156
BATTICALOA	136	141	156.2	163.5	145.3	180.9	44.5	116.6	206.5	267.2	156
TRINCOMALEE	128	119	130.7	119.4	152.5	127.8	105.1	130.9	158.1	165.6	134
BADULLA	120.1	109	107.3	119	121.5	122.7	126.1	137.9	108.3	147.4	122
UDAWALAWE	46	85	83.9	82.2	93	104.5	104.1	116.7	145	171.9	104
MONARAGALA	52.5	61.7	76.9	76.1	82.9	91.1	120.7	156.4	85.1	175.6	99
MATARA	84.9	74.9	68.7	81.5	79.8	78.6	75.9	92.7	89.8	87.2	81
MATALE	71.8	68	79.5	63.6	70.8	73	73.1	100.8	84.3	122.5	81
KANDY	78.7	74.8	64.4	61.6	61.5	60.4	60.2	75.8	66	66.4	67
RATNAPURA	71.7	70.2	56.4	60.9	58	58.4	56.2	67.3	71.1	70	64
KALUTARA	73.5	68.7	53.5	49.5	60.6	58	53.5	63.3	76.4	74.8	63
GALLE	49.1	69.4	63.5	53.9	60.9	49	48	68.6	67.8	71	60
PUTTALAM	36.5	48.8	69.6	29.4	49.4	53.4	58.1	84.5	112.1	76.7	62
KEGALLE	40.2	55.9	50.1	40.9	50.8	49.2	39.8	49.1	52.2	48.8	48
KILLINOCHCHI	15	29	35.4	66.8	67.6	56.7	53.6	41.1	0	3.4	37
GAMPAHA	28	32.4	36.9	30.6	37.4	32.4	29	48.3	53.8	61	39
MULLATIVU	10	14	33.1	27.7	42.6	40.6	38.1	26.6	0	15	25
VAVUNIYA	19	24	29.7	28.4	33.9	37.2	18.9	40.2	30.4	28.1	29
MANNAR	13	18	35.3	24.2	42.4	36.8	23.5	12.9	18.8	44	27
COLOMBO	14.6	18	15.7	15.7	17.4	13.3	11.4	21.5	22.8	21.4	17
NUWARA ELIYA	16.9	16.4	12.7	13.5	17.3	16.3	14.7	16.8	17.7	20.4	16
JAFFNA	8	15	20	12.7	14.2	12.7	11.9	18.6	16.2	20.1	15
SRI LANKA	2,696.90	2,863.70	3,069.00	2,627.80	3,246.20	3,341.90	3,131.30	3,876.40	3,651.60	4,300.70	3281



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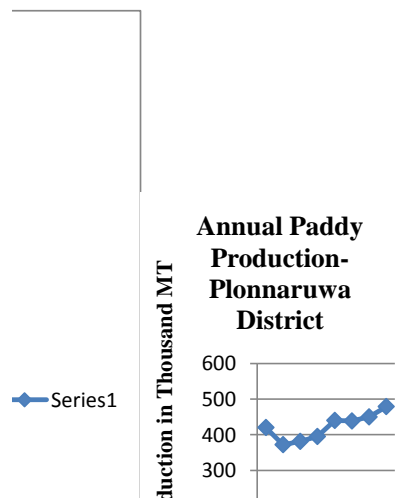
Annual Average Husk Production in '000 MT
104
87
74
58
34
31
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16
16
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13
12
12
10
7
8
5
6
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656

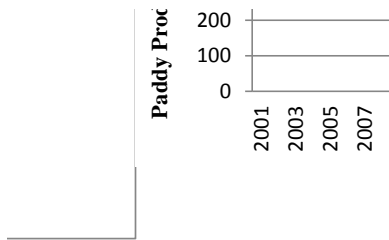


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Appendix IV : Financial Analysis

Loan Schedule

Project Cost(Rs Mn)	143.75	MRs
Debt/Equity Ratio	60.00%	40.00%
Loan	86.25	MRs
Equity	57.50	MRs
Loan period	6	
Interest Rate	12%	

Year	0	1	2	3	4	5	6
Opening Balance		86.25	71.88	57.50	43.13	28.75	14.38
Interest		9.49	7.76	6.04	4.31	2.59	0.86
Loan Repayment		14.38	14.38	14.38	14.38	14.38	14.38
Closing Balance		71.88	57.50	43.13	28.75	14.38	0.00

Sizing of the Power Plant for Polonnaruwa

Paddy production in pollonnaruwa	478,000	Tons
Husk production	95,600	Tons
Amount RH available for Power generation	21,032	Tons (22% of above)
Electricity/year	11.92	GWh
Capacity of power plant if 70% of RH is used	1.00	MW
Cost of fuel	3.00	Rs/kg
Annual cost for fuel	39.42	MRs

Other Data Related to the Power Plant

Capacity of power plant in MW	1.00	MW
Fraction of power exported	0.90	
Annual plant factor	0.90	
Total annual energy generation in GWh	7.10	GWh
Life span	20	yrs
Capital Cost(@ 1250US\$/kW)	143.75	MRs (@ 115 Rs/US\$)
Tarrif (option 2 of SPPA)	14.53	Rs
Expected annual revenue	103.10	MRs
Depreciation period	20	yrs
Fuel consumption (@ 40 tons / day)	13,140	tons/ year
Escalation of fuel cost / year	3%	
O & M cost (5% of capital)	7.19	MRs
Escalation of fuel O & M cost / year	5%	
Cost of Capital	12%	
Loan repayment period	6	yrs
Tax/ tax holiday	28% / 5	yrs
Discount rate	15%	

Profit and Loss Statement

Assumptions Made

1. Tariff option II published in PUCSL NCRE tariff notice has been applied.
2. Depreciation period to be 20 years
3. Discount Rate to be 15%.

Year		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Energy Sale(GWh)			7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10
Tariff(Rs/kWh)			14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53
Revenue(MRs)			103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1
Fuel Cost	3%		39.42	40.60	41.82	43.08	44.37	45.70	47.07	48.48	49.94	51.43	52.98	54.57	56.20	57.89	59.63	61.42	63.26	65.16	67.11	69.12
O & M Cost	5%		7.19	7.55	7.92	8.32	8.74	9.17	9.63	10.11	10.62	11.15	11.71	12.29	12.91	13.55	14.23	14.94	15.69	16.47	17.30	18.16
Depreciation	20		7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19
Finance Cost	12%		9.49	7.76	6.04	4.31	2.59	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Profit Before Tax			39.82	40.00	40.13	40.20	40.22	40.18	39.21	37.32	35.36	33.33	31.23	29.05	26.80	24.47	22.05	19.55	16.96	14.28	11.50	8.63
Tax (0%-28)	28%		0	0	0	0	0	11.25	10.98	10.45	9.90	9.33	8.74	8.13	7.50	6.85	6.18	5.48	4.75	4.00	3.22	2.42
Profit After Tax			39.82	40.00	40.13	40.20	40.22	28.93	28.23	26.87	25.46	24.00	22.48	20.92	19.30	17.62	15.88	14.08	12.21	10.28	8.28	6.21

Cash Flow

Profit After Tax			39.82	40.00	40.13	40.20	40.22	28.93	28.23	26.87	25.46	24.00	22.48	20.92	19.30	17.62	15.88	14.08	12.21	10.28	8.28	6.21
Add																						
Depreciation			7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19
Finance Cost			9.49	7.76	6.04	4.31	2.59	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Less																						
Other Cost																						
Net Flow of Profit	-143.75	56.49	54.95	53.35	51.70	50.00	36.98	35.42	34.06	32.64	31.18	29.67	28.10	26.48	24.81	23.07	21.27	19.40	17.47	15.47	13.40	
Project NPV 15%	107.40																					
Project IRR	34.2%																					

Cash Flow of Investor

Less

Capital Payment		14.38	14.38	14.38	14.38	14.38	14.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Finance Cost		9.49	7.76	6.04	4.31	2.59	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net Cash flow	-57.50	32.63	32.81	32.94	33.02	33.03	21.74	35.42	34.06	32.64	31.18	29.67	28.10	26.48	24.81	23.07	21.27	19.40	17.47	15.47	13.40	
Present value																						
Equity NPV	116																					
Equity IRR	56.3%																					

Sensitivity Analysis

Case I: If Tariff option I published in PUCSL's NCRE Tariff Announcement is applied as against option II

Year		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Energy Sale(GWh)			7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10
Tariff(Rs/kWh)			13.42	13.75	14.10	14.47	14.86	15.28	15.72	16.18	12.19	12.71	13.26	13.85	14.47	15.13	15.83	17.98	19.02	20.12	21.29	22.53
Revenue(MRs)			95.23	97.575	100.1	102.7	105.5	108.4	111.5	114.8	86.49	90.19	94.12	98.28	102.7	107.4	112.3	127.6	135	142.8	151.1	159.86
Fuel Cost	3%		39.42	40.60	41.82	43.08	44.37	45.70	47.07	48.48	49.94	51.43	52.98	54.57	56.20	57.89	59.63	61.42	63.26	65.16	67.11	69.12
O & M Cost	5%		7.19	7.55	7.92	8.32	8.74	9.17	9.63	10.11	10.62	11.15	11.71	12.29	12.91	13.55	14.23	14.94	15.69	16.47	17.30	18.16
Depreciation	20		7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19
Finance Cos	12%		9.49	7.76	6.04	4.31	2.59	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Profit Before Tax			31.95	34.48	37.08	39.78	42.58	45.48	47.63	49.04	18.75	20.42	22.24	24.23	26.39	28.73	31.26	44.05	48.84	53.97	59.48	65.38
Tax (0%-28	28%		0	0	0	0	0	12.73	13.34	13.73	5.25	5.72	6.23	6.78	7.39	8.04	8.75	12.33	13.67	15.11	16.65	18.31
Profit After Tax			31.95	34.48	37.08	39.78	42.58	32.74	34.29	35.31	13.50	14.70	16.02	17.45	19.00	20.68	22.51	31.72	35.16	38.86	42.82	47.08

Cash Flow

Profit After Tax		31.95	34.48	37.08	39.78	42.58	32.74	34.29	35.31	13.50	14.70	16.02	17.45	19.00	20.68	22.51	31.72	35.16	38.86	42.82	47.08
Add																					
Depreciation		7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19
Finance Cost		9.49	7.76	6.04	4.31	2.59	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Less																					
Other Cost																					
Net Flow of Profit	-143.75	48.63	49.43	50.31	51.28	52.35	40.79	41.48	42.49	20.68	21.89	23.20	24.63	26.18	27.87	29.70	38.90	42.35	46.05	50.01	54.26
Project NPV 15%																					
Project IRR																					

Cash Flow of Investor

Less

Capital Payment		14.38	14.38	14.38	14.38	14.38	14.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Finance Cost		9.49	7.76	6.04	4.31	2.59	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net Cash flow	-57.50	24.76	27.29	29.90	32.60	35.39	25.56	41.48	42.49	20.68	21.89	23.20	24.63	26.18	27.87	29.70	38.90	42.35	46.05	50.01	54.26
Present value																					
Equity NPV																					
Equity IRR																					

Sensitivity Analysis

Case II: If Capital cost is based on 1500US\$/kW (Rs 172.5 million)

Year		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Energy Sale(GWh)			7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10
Tariff(Rs/kWh)			14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53
Revenue(MRs)			103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.10
Fuel Cost	3%		39.42	40.60	41.82	43.08	44.37	45.70	47.07	48.48	49.94	51.43	52.98	54.57	56.20	57.89	59.63	61.42	63.26	65.16	67.11	69.12
O & M Cost	5%		8.63	9.06	9.51	9.98	10.48	11.01	11.56	12.14	12.74	13.38	14.05	14.75	15.49	16.26	17.08	17.93	18.83	19.77	20.76	21.79
Depreciation	20		8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63
Finance Cos	12%		11.39	9.32	7.25	5.18	3.11	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Profit Before Tax			35.04	35.50	35.90	36.24	36.52	36.73	35.85	33.86	31.79	29.66	27.45	25.16	22.78	20.32	17.77	15.13	12.39	9.55	6.61	3.56
Tax (0%-28	28%		0	0	0	0	0	10.29	10.04	9.48	8.90	8.30	7.69	7.04	6.38	5.69	4.98	4.24	3.47	2.67	1.85	1.00
Profit After Tax			35.04	35.50	35.90	36.24	36.52	26.45	25.81	24.38	22.89	21.35	19.76	18.11	16.40	14.63	12.80	10.89	8.92	6.88	4.76	2.56

Cash Flow

Profit After Tax		35.04	35.50	35.90	36.24	36.52	26.45	25.81	24.38	22.89	21.35	19.76	18.11	16.40	14.63	12.80	10.89	8.92	6.88	4.76	2.56
Add																					
Depreciation			8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63
Finance Cost			11.39	9.32	7.25	5.18	3.11	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Less																					
Other Cost																					
Net Flow of Profit	-172.50	55.05	53.44	51.77	50.04	48.25	36.11	34.43	33.00	31.52	29.98	28.39	26.74	25.03	23.26	21.42	19.52	17.55	15.50	13.38	11.19
Project NPV 15%	74.62																				
Project IRR	26.3%																				

Cash Flow of Investor

Less

Capital Payment		17.25	17.25	17.25	17.25	17.25	17.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Finance Cost		11.39	9.32	7.25	5.18	3.11	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net Cash flow	-69.00	26.42	26.88	27.27	27.61	27.89	17.82	34.43	33.00	31.52	29.98	28.39	26.74	25.03	23.26	21.42	19.52	17.55	15.50	13.38	11.19
Present value																					
Equity NPV	84.67																				
Equity IRR	39.1%																				

Sensitivity Analysis

Case 3: If plant factor drops to 0.8 from 0.9 in the baseline case

Year		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Energy Sale(GWh)		6.31	6.31	6.31	6.31	6.31	6.31	6.31	6.31	6.31	6.31	6.31	6.31	6.31	6.31	6.31	6.31	6.31	6.31	6.31	6.31	6.31
Tariff(Rs/kWh)		14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53
Revenue(MRs)		91.64	91.644	91.64	91.64	91.64	91.64	91.64	91.64	91.64	91.64	91.64	91.64	91.64	91.64	91.64	91.64	91.64	91.64	91.64	91.64	91.64
Fuel Cost	3%	35.04	35.04	35.04	35.04	35.04	35.04	35.04	35.04	35.04	35.04	35.04	35.04	35.04	35.04	35.04	35.04	35.04	35.04	35.04	35.04	35.04
O & M Cost	5%	7.19	7.55	7.92	8.32	8.74	9.17	9.63	10.11	10.62	11.15	11.71	12.29	12.91	13.55	14.23	14.94	15.69	16.47	17.30	18.16	
Depreciation	20	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19
Finance Cos	12%	9.49	7.76	6.04	4.31	2.59	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Profit Before Tax		32.74	34.11	35.45	36.78	38.09	39.38	39.78	39.30	38.80	38.27	37.71	37.12	36.51	35.86	35.19	34.47	33.73	32.94	32.12	31.25	
Tax (0%-28)	28%	0	0	0	0	0	11.03	11.14	11.00	10.86	10.71	10.56	10.39	10.22	10.04	9.85	9.65	9.44	9.22	8.99	8.75	
Profit After Tax		32.74	34.11	35.45	36.78	38.09	28.35	28.64	28.30	27.93	27.55	27.15	26.73	26.29	25.82	25.33	24.82	24.28	23.72	23.13	22.50	

Cash Flow

Profit After Tax		32.74	34.11	35.45	36.78	38.09	28.35	28.64	28.30	27.93	27.55	27.15	26.73	26.29	25.82	25.33	24.82	24.28	23.72	23.13	22.50
Add																					
Depreciation		7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19
Finance Cost		9.49	7.76	6.04	4.31	2.59	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Less																					
Other Cost																					
Net Flow of Profit	-143.75	49.42	49.06	48.68	48.28	47.87	36.40	35.83	35.49	35.12	34.74	34.34	33.92	33.47	33.01	32.52	32.01	31.47	30.91	30.31	29.69
Project NPV 15%	104.10																				
Project IRR	31.5%																				

Cash Flow of Investor

Less

Capital Payment		14.38	14.38	14.38	14.38	14.38	14.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Finance Cost		9.49	7.76	6.04	4.31	2.59	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net Cash flow	-57.50	25.55	26.92	28.27	29.60	30.90	21.17	35.83	35.49	35.12	34.74	34.34	33.92	33.47	33.01	32.52	32.01	31.47	30.91	30.31	29.69
Present value																					
Equity NPV	112.48																				
Equity IRR	48.2%																				

Sensitivity Analysis

Case 4: If fuel price escalates at 5% as against 3% in the baseline case.

Year		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Energy Sale(GWh)		7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10
Tariff(Rs/kWh)		14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53
Revenue(MRs)		103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1
Fuel Cost	5%	39.42	41.39	43.46	45.63	47.92	50.31	52.83	55.47	58.24	61.15	64.21	67.42	70.79	74.33	78.05	81.95	86.05	90.35	94.87	99.61	
O & M Cost	5%	7.19	7.55	7.92	8.32	8.74	9.17	9.63	10.11	10.62	11.15	11.71	12.29	12.91	13.55	14.23	14.94	15.69	16.47	17.30	18.16	
Depreciation	20	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19
Finance Cost	12%	9.49	7.76	6.04	4.31	2.59	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Profit Before Tax		39.82	39.21	38.49	37.65	36.67	35.56	33.45	30.33	27.05	23.61	19.99	16.20	12.21	8.03	3.63	-0.98	-5.83	-10.91	-16.25	-21.86	
Tax (0%-28)	28%	0	0	0	0	0	9.96	9.37	8.49	7.57	6.61	5.60	4.54	3.42	2.25	1.02	-0.27	-1.63	-3.06	-4.55	-6.12	
Profit After Tax		39.82	39.21	38.49	37.65	36.67	25.61	24.09	21.84	19.48	17.00	14.39	11.66	8.79	5.78	2.61	-0.71	-4.20	-7.86	-11.70	-15.74	

Cash Flow

Profit After Tax		39.82	39.21	38.49	37.65	36.67	25.61	24.09	21.84	19.48	17.00	14.39	11.66	8.79	5.78	2.61	-0.71	-4.20	-7.86	-11.70	-15.74
Add																					
Depreciation		7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19
Finance Cost		9.49	7.76	6.04	4.31	2.59	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Less																					
Other Cost																					
Net Flow of Profit	-143.75	56.49	54.16	51.71	49.15	46.45	33.66	31.27	29.03	26.66	24.19	21.58	18.85	15.98	12.97	9.80	6.48	2.99	-0.67	-4.52	-8.55
Project NPV 15%	82.39																				
Project IRR	32.2%																				

Cash Flow of Investor

Less

Capital Payment		14.38	14.38	14.38	14.38	14.38	14.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Finance Cost		9.49	7.76	6.04	4.31	2.59	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net Cash flow	-57.50	32.63	32.02	31.30	30.46	29.48	18.42	31.27	29.03	26.66	24.19	21.58	18.85	15.98	12.97	9.80	6.48	2.99	-0.67	-4.52	-8.55
Present value																					
Equity NPV	90.77																				
Equity IRR	53.7%																				

Sensitivity Analysis

Case 5: If O& M cost is 7 % of capital as against 5% in the baseline case.

Year		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Energy Sale(GWh)			7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10
Tariff(Rs/kWh)			14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53
Revenue(MRs)			103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.10
Fuel Cost	3%		39.42	40.60	41.82	43.08	44.37	45.70	47.07	48.48	49.94	51.43	52.98	54.57	56.20	57.89	59.63	61.42	63.26	65.16	67.11	69.12
O & M Cost	5%		10.06	10.57	11.09	11.65	12.23	12.84	13.48	14.16	14.87	15.61	16.39	17.21	18.07	18.97	19.92	20.92	21.97	23.06	24.22	25.43
Depreciation	20		7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19
Finance Cos	12%		9.49	7.76	6.04	4.31	2.59	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Profit Before Tax			36.94	36.98	36.96	36.88	36.73	36.51	35.36	33.27	31.11	28.87	26.54	24.13	21.64	19.05	16.36	13.58	10.69	7.69	4.59	1.36
Tax (0%-28	28%		0	0	0	0	0	10.22	9.90	9.32	8.71	8.08	7.43	6.76	6.06	5.33	4.58	3.80	2.99	2.15	1.28	0.38
Profit After Tax			36.94	36.98	36.96	36.88	36.73	26.29	25.46	23.96	22.40	20.78	19.11	17.38	15.58	13.71	11.78	9.78	7.70	5.54	3.30	0.98

Cash Flow

Profit After Tax		36.94	36.98	36.96	36.88	36.73	26.29	25.46	23.96	22.40	20.78	19.11	17.38	15.58	13.71	11.78	9.78	7.70	5.54	3.30	0.98
Add																					
Depreciation		7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19
Finance Cost		9.49	7.76	6.04	4.31	2.59	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Less																					
Other Cost																					
Net Flow of Profit	-143.75	53.62	51.93	50.18	48.38	46.50	34.34	32.64	31.14	29.59	27.97	26.30	24.56	22.77	20.90	18.97	16.96	14.88	12.73	10.49	8.17
Project NPV 15%	89.76																				
Project IRR	31.6%																				

Cash Flow of Investor

Less

Capital Payment		14.38	14.38	14.38	14.38	14.38	14.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Finance Cost		9.49	7.76	6.04	4.31	2.59	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net Cash flow	-57.50	29.75	29.79	29.77	29.69	29.54	19.10	32.64	31.14	29.59	27.97	26.30	24.56	22.77	20.90	18.97	16.96	14.88	12.73	10.49	8.17
Present value																					
Equity NPV	98.14																				
Equity IRR	50.9%																				

Sensitivity Analysis

Case 6 : If fuel price is 4.00 Rs/kg as against 3.00 Rs/kg in the baseline case

Year		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Energy Sale(GWh)			7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10
Tariff(Rs/kWh)			14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53
Revenue(MRs)			103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.10
Fuel Cost	3%		52.56	54.14	55.76	57.43	59.16	60.93	62.76	64.64	66.58	68.58	70.64	72.76	74.94	77.19	79.50	81.89	84.34	86.87	89.48	92.16
O & M Cost	5%		7.19	7.55	7.92	8.32	8.74	9.17	9.63	10.11	10.62	11.15	11.71	12.29	12.91	13.55	14.23	14.94	15.69	16.47	17.30	18.16
Depreciation	20		7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19
Finance Cos	12%		9.49	7.76	6.04	4.31	2.59	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Profit Before Tax			26.68	26.47	26.19	25.84	25.43	24.94	23.52	21.16	18.71	16.18	13.57	10.86	8.07	5.17	2.18	-0.92	-4.12	-7.44	-10.87	-14.42
Tax (0%-28	28%		0	0	0	0	0	6.98	6.59	5.92	5.24	4.53	3.80	3.04	2.26	1.45	0.61	-0.26	-1.15	-2.08	-3.04	-4.04
Profit After Tax			26.68	26.47	26.19	25.84	25.43	17.96	16.93	15.23	13.47	11.65	9.77	7.82	5.81	3.72	1.57	-0.66	-2.97	-5.35	-7.82	-10.38

Cash Flow

Profit After Tax		26.68	26.47	26.19	25.84	25.43	17.96	16.93	15.23	13.47	11.65	9.77	7.82	5.81	3.72	1.57	-0.66	-2.97	-5.35	-7.82	-10.38	
Add																						
Depreciation		7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	
Finance Cost		9.49	7.76	6.04	4.31	2.59	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Less																						
Other Cost																						
Net Flow of Profit		-143.75	43.35	41.42	39.41	37.34	35.21	26.01	24.12	22.42	20.66	18.84	16.96	15.01	12.99	10.91	8.76	6.53	4.22	1.83	-0.64	-3.19
Project NPV 15%			35.12																			
Project IRR			22.3%																			

Cash Flow of Investor

Less

Capital Payment		14.38	14.38	14.38	14.38	14.38	14.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Finance Cost		9.49	7.76	6.04	4.31	2.59	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Net Cash flow		-57.50	19.49	19.28	19.00	18.66	18.24	10.77	24.12	22.42	20.66	18.84	16.96	15.01	12.99	10.91	8.76	6.53	4.22	1.83	-0.64	-3.19
Present value																						
Equity NPV			43.49																			
Equity IRR			32.1%																			

Sensitivity Analysis

Case 7: If no tax holiday is offered as against 5yrs in the baseline case.

Year		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Energy Sale(GWh)			7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10
Tariff(Rs/kWh)			14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53
Revenue(MRs)			103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1
Fuel Cost	3%		39.42	40.60	41.82	43.08	44.37	45.70	47.07	48.48	49.94	51.43	52.98	54.57	56.20	57.89	59.63	61.42	63.26	65.16	67.11	69.12
O & M Cost	5%		7.19	7.55	7.92	8.32	8.74	9.17	9.63	10.11	10.62	11.15	11.71	12.29	12.91	13.55	14.23	14.94	15.69	16.47	17.30	18.16
Depreciation	20		7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19
Finance Cost	12%		9.49	7.76	6.04	4.31	2.59	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Profit Before Tax			39.82	40.00	40.13	40.20	40.22	40.18	39.21	37.32	35.36	33.33	31.23	29.05	26.80	24.47	22.05	19.55	16.96	14.28	11.50	8.63
Tax (28%)	28%		11.15	11.20	11.24	11.26	11.26	11.25	10.98	10.45	9.90	9.33	8.74	8.13	7.50	6.85	6.18	5.48	4.75	4.00	3.22	2.42
Profit After Tax			28.67	28.80	28.89	28.95	28.96	28.93	28.23	26.87	25.46	24.00	22.48	20.92	19.30	17.62	15.88	14.08	12.21	10.28	8.28	6.21

Cash Flow

Profit After Tax		28.67	28.80	28.89	28.95	28.96	28.93	28.23	26.87	25.46	24.00	22.48	20.92	19.30	17.62	15.88	14.08	12.21	10.28	8.28	6.21
Add																					
Depreciation		7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.19
Finance Cost		9.49	7.76	6.04	4.31	2.59	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Less																					
Other Cost																					
Net Flow of Profit	-143.75	45.34	43.75	42.12	40.45	38.73	36.98	35.42	34.06	32.64	31.18	29.67	28.10	26.48	24.81	23.07	21.27	19.40	17.47	15.47	13.40
Project NP' 15%																					
Project IRR																					

Cash Flow of Investor

Less

Capital Payment		14.38	14.38	14.38	14.38	14.38	14.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Finance Cost		9.49	7.76	6.04	4.31	2.59	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net Cash flow	-57.50	21.48	21.61	21.71	21.76	21.77	21.74	35.42	34.06	32.64	31.18	29.67	28.10	26.48	24.81	23.07	21.27	19.40	17.47	15.47	13.40
Present value																					
Equity NPV																					
Equity IRR																					