

## WP 3.3.2

# Need for demoproject in the Czech Republic



### Published by:

Author: CZ Biom – Czech Biomass Association

July

2011



EUROPEAN UNION  
EUROPEAN REGIONAL  
DEVELOPMENT FUND



**CENTRAL  
EUROPE**  
COOPERATING FOR SUCCESS.

This project is implemented through the CENTRAL EUROPE Programme co-financed by the ERDF

## Index

1	Introduction .....	3
2	Potential analysis .....	3
2.1	Methodology.....	3
2.2	Yield of biomass and its calculation.....	3
2.2.1	Straw of cereals and oilseed crops.....	3
2.2.2	Straw from perennial grasslands .....	4
2.2.3	Timber logging residues .....	4
2.2.4	Categorization of the area for the yield potential estimation .....	4
2.3	Biomass potential in the Ústí nad Labem region .....	5
2.3.1	Overview .....	5
2.3.2	Areas of crop production .....	5
2.3.3	Total biomass potential from the Ústí region.....	14
3	Conclusion.....	15
4	Annex.....	16
4.1	List of plants in CR using biomass for energy production .....	16

## 1 Introduction

For the potential analysis has been selected the region of Northern Bohemia. The region of Northern Bohemia is a traditional coal mining region which has been devastated through many years of brown coal mining and energy production from coal. On the other side it is a region with a huge potential for biomass use for energy production. The region spreads from lowlands with vital agricultural production to hilly regions with plenty of residual biomass from forestry and landscape management. However this potential is not being used as the market chains have not developed yet very well.

## 2 Potential analysis

### 2.1 Methodology

The methodology takes into account the areas of arable land, grasslands, and forests. Additionally there has been obtained information about the harvested areas of selected crops, which might be of an interest as a residual or primal source of biomass for energy production. As the yields of harvested crops depend strongly on the quality of soil and other parameters, the database of BPEJ (estimated pedologic-ecological unit), which is system used in the Czech Republic for categorizing the quality of land. For the conversion of harvested crops to residual biomass source and to potential energy production have been used internal proofed coefficients, which are as well in agreement with coefficients commonly used.

### 2.2 Yield of biomass and its calculation

The theoretical yield of biomass has been calculated including agricultural and forestry by- and residual products which are:

- Straw of cereals and oilseed crops
- Grass from perennial grasslands
- Timber logging residues

#### 2.2.1 Straw of cereals and oilseed crops

As a base for the calculation has been used the coefficients given in the table below. The average yields of straw have been multiplied by the harvested areas in districts of interest.

Table 1: Rate of straw and grain and energy output for several crops

Crop	Ratio grain/straw	Calorific value GJ/t at 15% DM
Wheat	1,1	15,3
rye	1,2	15,3
barley	0,7	15,3
oat	1,05	15,3
triticale	1,3	15,3
rape	1,8	17,2

According to Kaltschmit et al. (2009) Energie aus Biomasse and teh database of CRI

## 2.2.2 Straw from perennial grasslands

For the yields of straw from perennial grasslands (PG) can be found in literature figures from 2 to 3,5 t ha<sup>-1</sup>. In the conditions of Northern Bohemia can be expected yields of apx. 3 tons of biomass with the dry matter of 15 %. This has been multiplied by the known areas of PG in the region divided to districts and multiplied by the calorific value of 14,6 to 15 GJ/t.

## 2.2.3 Timber logging residues

Timber logging residues can come up to 45 weight percent of the logged wood. For the potential estimation have been used figures of timber logging in relevant regions.

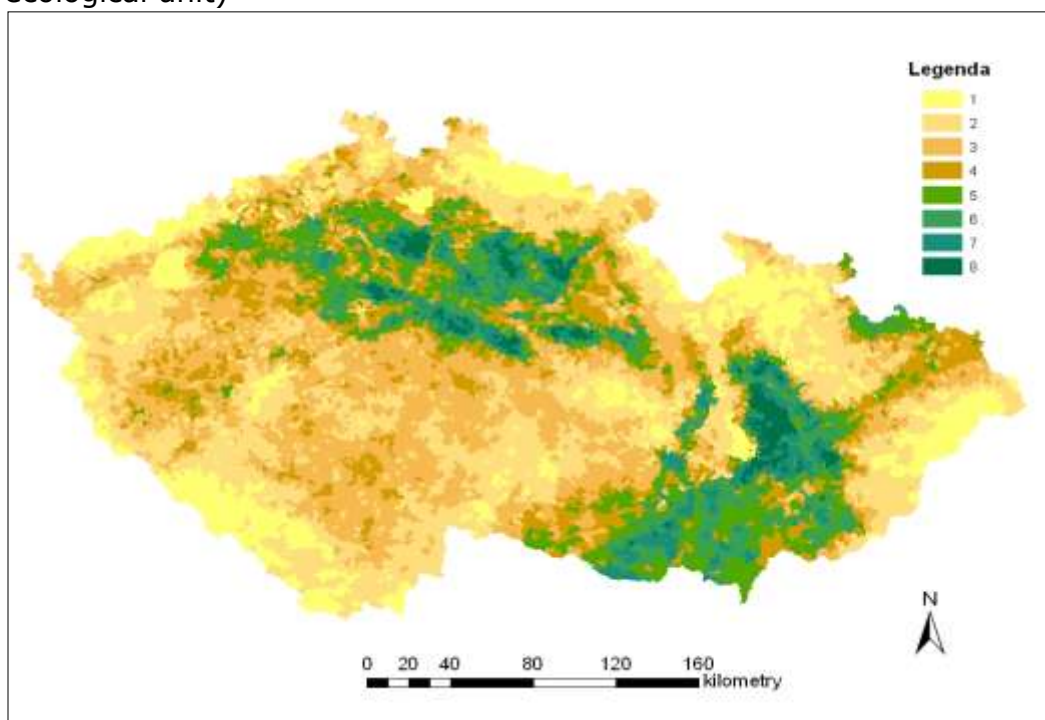
The forest area has been divided into four quality categories based on the data from CLC, which represents the forest quality and expected residual wood potential.

## 2.2.4 Categorization of the area for the yield potential estimation

For the estimation of agricultural production has been used the system of BPEJ (estimated pedologic-ecological unit), which represents the quality of soil given by numeric code.

For the area has been as well obtained data on long term average production of agricultural crops from the relevant fields. Additionally, coefficients have been used to adjust the production to soil quality.

Picture 1: Categories of soil quality given by BPEJ (estimated pedologic-ecological unit)

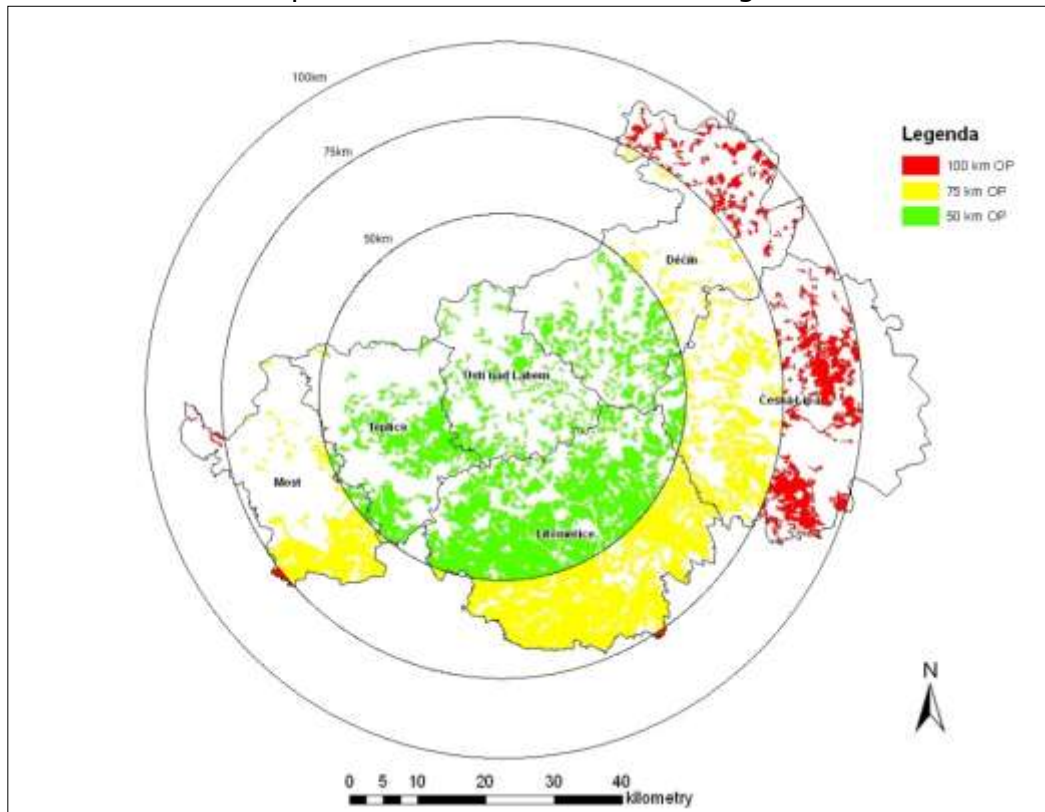


## 2.3 Biomass potential in the Ústí nad Labem region

### 2.3.1 Overview

The region is located in Northern Bohemia and is in this way defined by both, fruitful arable land with high yields on one side and on the other side with mountains at the border region. The mountains cover almost one third of the region. Another typical characteristic of the region is rather dry environment given by the location in the shade of Ore mountains.

Picture 2: Biomass potential in Ústí nad Labem region



### 2.3.2 Areas of crop production

The total area of the Ústí region is 5 335 km<sup>2</sup>, which is 6,7 % of the area of the Czech Republic. Forests cover 1 582 km<sup>2</sup>, which represent 29,7 % of the region area. Agriculture land covers 52 % of the region area, out of which is 35,5 % of arable land. The countryside is hilly.

The following table gives an overview of districts in the Ústí region and the distribution of land use, which has been used for the potential calculation.

Table 2: Land use in the Ústí region

District	area	forrest	agriculture	arable land	grasslands	vineyards	hop gardens	plantations	gardens
	ha	ha	ha	ha	ha	ha	ha	ha	ha
Děčín	90860	44808	36410	11192	22497	0	0	377	2344
Chomutov	93532	34446	39235	23808	13666	22	16	905	818
Litoměřice	103215	16828	73728	60280	7036	249	1485	2711	1967
Louny	111765	17518	80207	67255	5619	12	4929	1187	1205
Most	46716	15486	13545	9447	3007	105	0	422	564
Teplice	46925	17302	15950	8277	6335	0	0	407	931
Ústí nad Labem	40444	12681	18357	5275	11922	0	0	211	949
Česká Lípa	113708	52844	45871	26003	17938	0	45	291	1595
<b>Total</b>	<b>647165</b>	<b>159949</b>	<b>323303</b>	<b>120474</b>	<b>88020</b>	<b>388</b>	<b>6475</b>	<b>6511</b>	<b>10373</b>

In the area of interest tis the harvested crop distribution as follows:

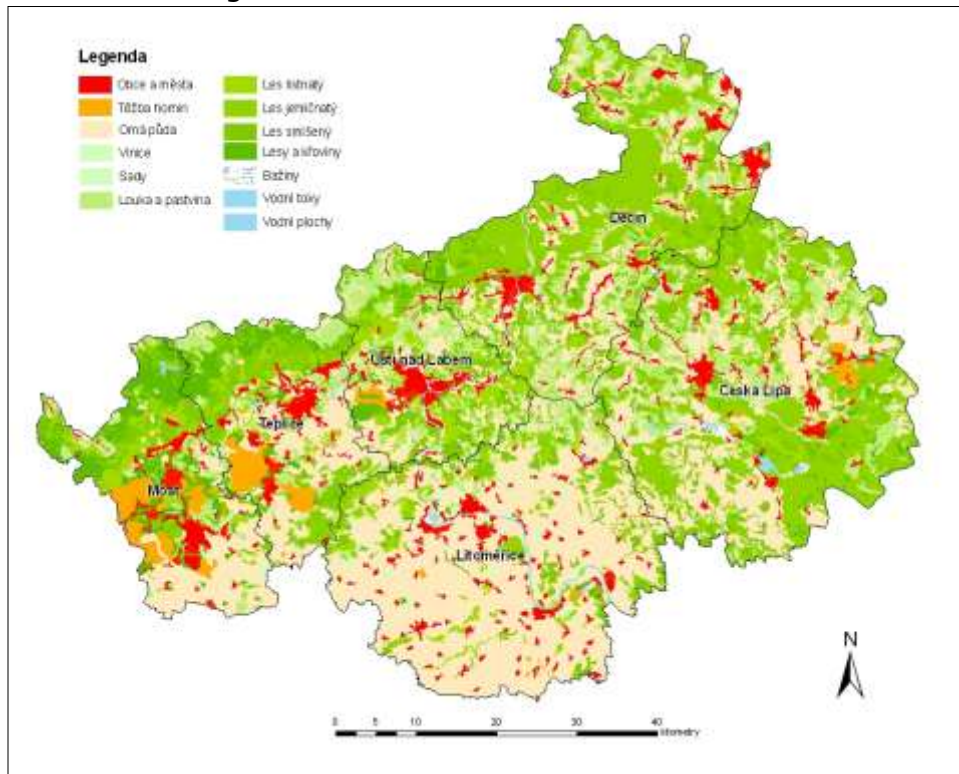
- wheat - 65,4 %
- barely - 19,6 %
- feed grains (barley, oat) - 7,3 %
- rye and triticale - 4,5 %
- rape - 9,14%
- sugar beet - 0,3%
- corn - 1,5%

In the following table is the distribution of forest in the region.

Table 3: Forrest distribution and categories

Districts	coniferous	deciduous
	ha	ha
Děčín	39526,75	10238,65
Litoměřice	7717,99	8258,06
Most	6657,96	7984,2
Teplice	7289,83	9407,9
Ústí nad Labem	3340,27	8992,31
Česká Lípa	39526,75	10238,65
<b>Total</b>	<b>104059,55</b>	<b>55119,77</b>

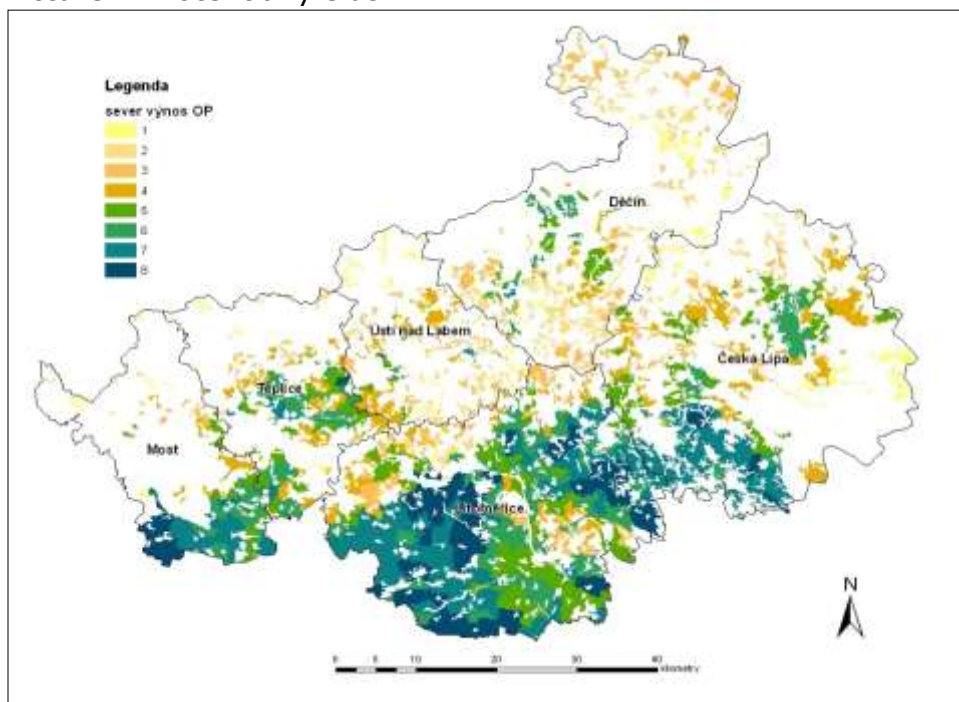
Picture 3: Categories of land use based on the data in CLC 2000



### 2.3.2.1 Calculation of production potential for rape and cereal straw

For this calculation have been used the data from Corine Land Cover 2000 combined with the BPEJ and processed through the programme ArcMap. In this way, each field has received a specific coefficient for potential yield of rape and cereal straw.

Picture 4: Potential yields



From the map above is possible to read, that:

- Arable land is located mostly in the southern part of the region
- Highest potential yields can be as well achieved in the south of the region

### 2.3.2.2 Yield potential of rape and cereal straw

Following tables present results of the calculation of theoretical yields of rape and cereal straw in eight yield categories.

Table 4: Yield categories

% area	Cereal straw t/ha	Rape straw t/ha	Yield category
8,48	1,44	1,54	1
3,91	2,23	2,39	2
5,82	3,1	3,33	3
9,67	4,09	4,4	4
15,88	4,96	5,32	5
17,73	5,83	6,26	6
23,23	6,73	7,23	7
15,27	7,72	8,29	8
<b>average</b>	<b>4,51</b>	<b>4,84</b>	

Table 5: Results of calculation of yields from eight yield categories

area	occurrence %	0,73	0,09
120 474 ha	Yield category ha OP	Cereal straw t	Rape straw t
	10 222	10 778	1 440
	4 716	7 721	1 032
	7 008	15 952	2 131
	11 652	35 050	4 683
	19 131	69 650	9 305
	21 363	91 551	12 231
	27 988	138 346	18 483
	18 395	104 283	13 932
<b>Total straw yields t</b>		<b>473 330</b>	<b>63 238</b>
<b>Energy potential</b>	<b>GJ/t at 15% DM</b>	<b>7 241 956</b>	<b>1 087 694</b>

### 2.3.2.3 Biomass availability depending on distance

For the biomass availability is crucial the distance from the plant, which gives the economic feasibility of biomass use. With longer distance, the costs for logistics increase. In this way, the potential of biomass which is in longer distance from the plant is depending on logistic less relevant. For this reason we have calculated the biomass potential in three distances 25 km, 37,5 and 50 km from

the midpoint of the Ústí region.

Picture 5: Yield categories depending on distance from plant

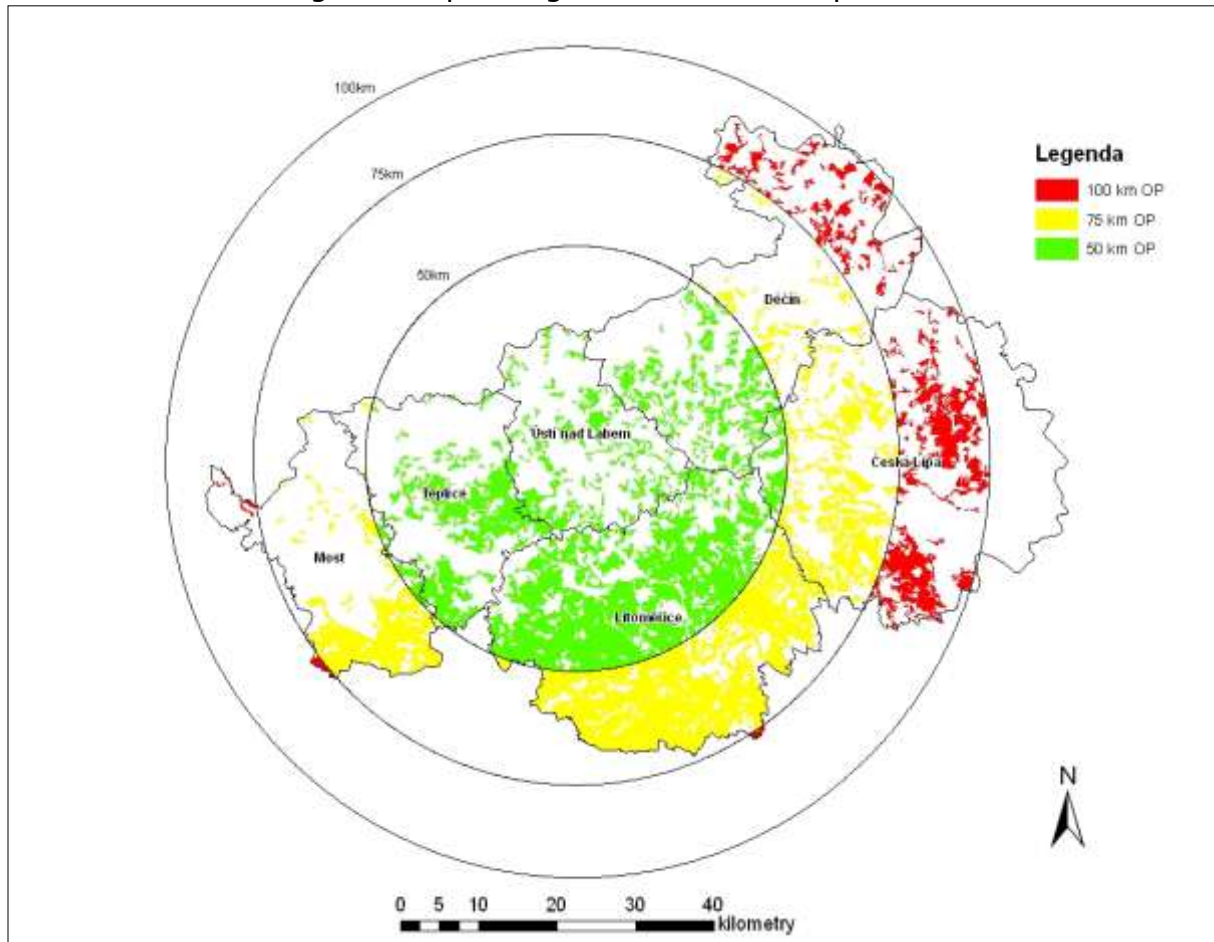


Table 6: Production of cereal and rape straw from three distances and its calorific value

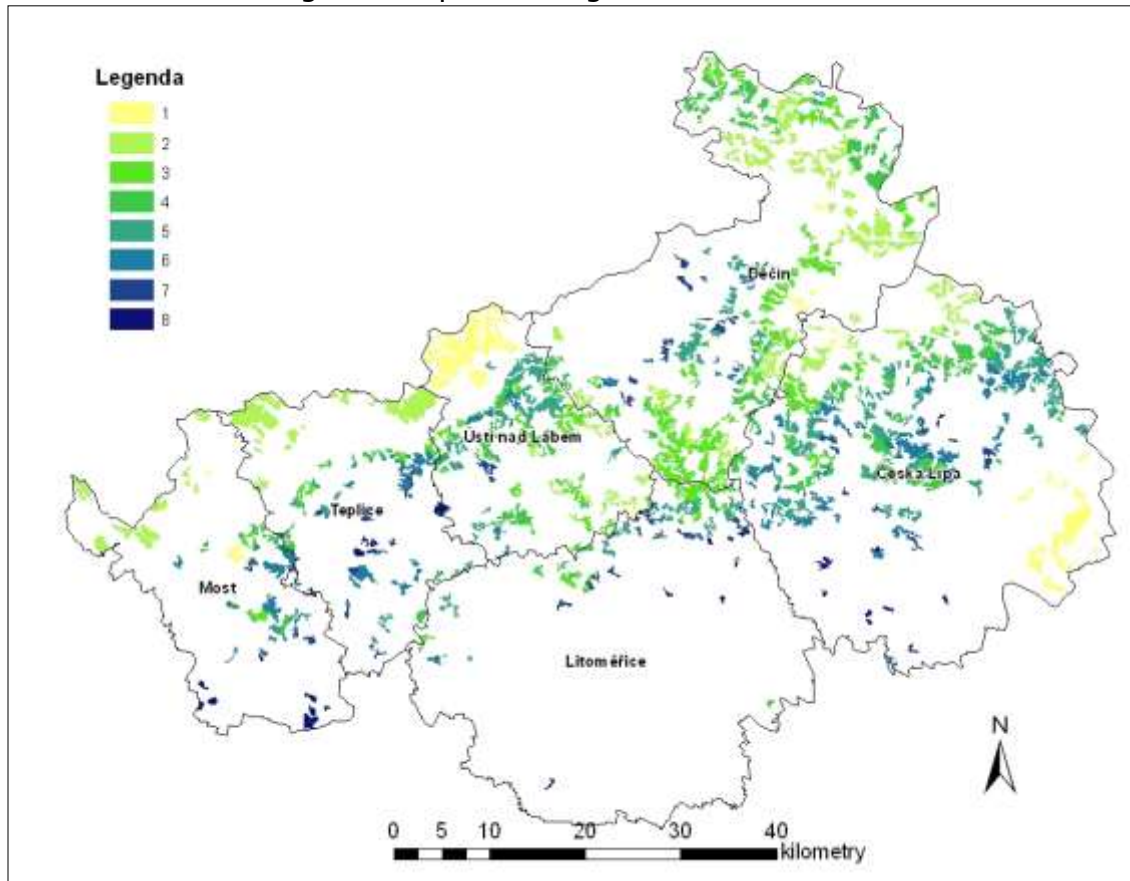
Production of cereal and rape straw from three distances and its calorific value				
	Cereal straw	Calorific value	Rape straw	Calorific value
	t	GJ	t	GJ
< 50 km	214 452,61	3 259 679,74	28 651,28	492 802,10
50 km - 75 km	211 160,53	3 209 640,00	28 211,46	485 237,04
75 km - 100 km	47 717,32	725 303,31	6375,13	109 652,18
<b>Total t</b>	<b>473 330,46</b>	<b>7 194 623,05</b>	<b>63 237,87</b>	<b>1 087 691,32</b>

#### 2.3.2.4 Calculation of yield potential of hay from perennial grasslands in the Ústí region

The calculation of hay potential for energy production has been done in a similar way as the calculation for cereal and rape straw potential. For the calculation have been used the quality of the soil, area, on which are perennial grasslands in the region and yields of the hay depending on the soil quality. This data is shown

on the following picture.

Picture 6: Yield categories of perennial grasslands



For the calculation have been used the figures in tables below, which represent the area of PG in the region and the yield potential given by the soil category.

Table 7: Yield categories in the Ústí region

% area PG	Yields in t/ha
25,87	1,27
20,08	1,97
13,32	2,74
14,05	3,63
11,87	4,39
11,08	5,16
3,73	5,96
3,26	6,83
100	3,99

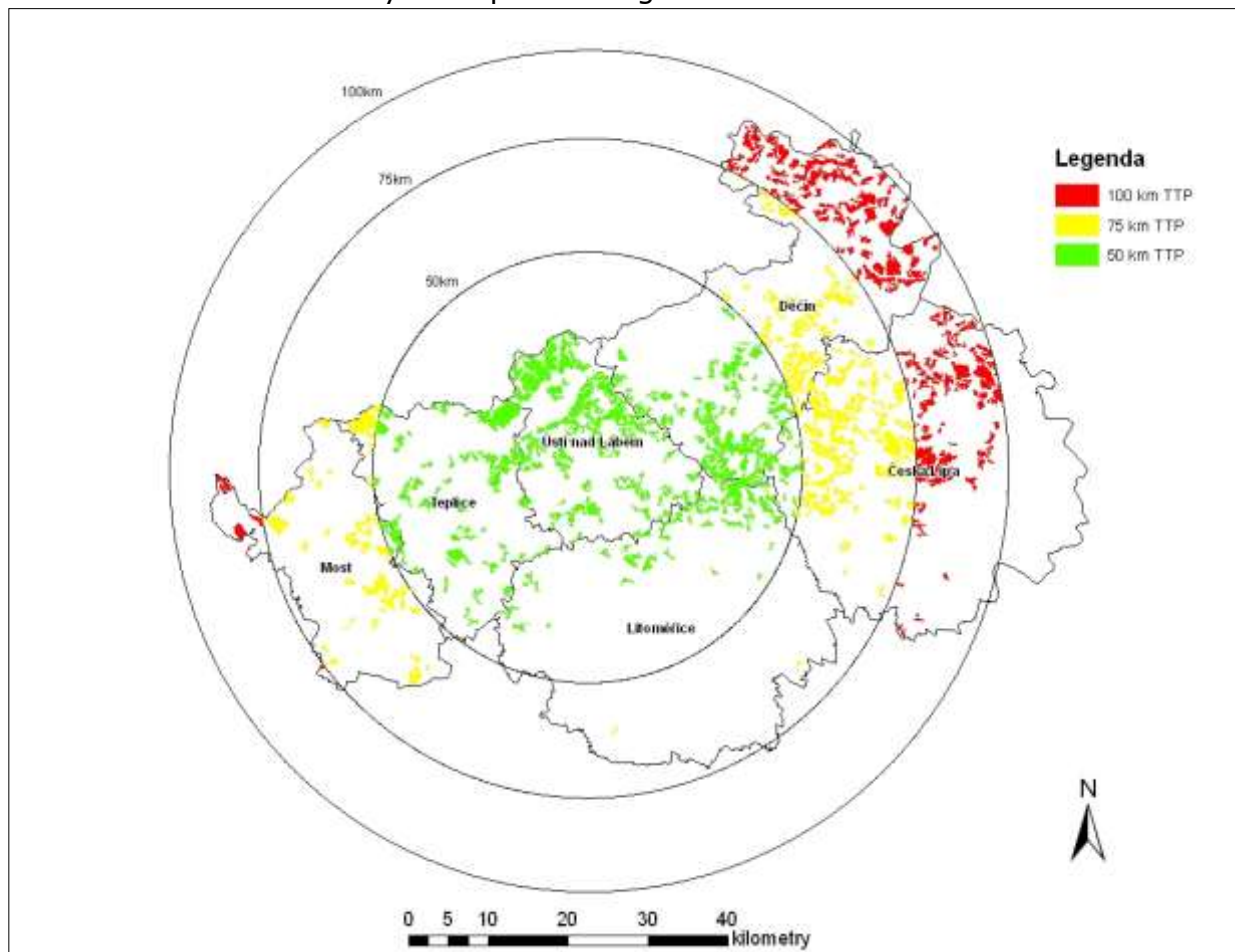
Table 8: Calculation of the hay potential from eight yield categories

Total area of the region 88020 ha	area %	100
	Yield category ha	Hay potential in tonnes at 15% DM
	22 774	28 940
	17 672	34 869
	11 725	32 164
	12 369	44 839
	10 447	45 837
	9 749	50 348
	3 284	19 565
	2 871	19 617
<b>Hay total in t</b>		<b>276 178</b>
<b>GJ/t at 15% DM</b>		<b>4 032 194</b>

### 2.3.2.5 Hay potential in three distances

For the hay potential from perennial grasslands in the Ústí region have been selected same distances as for the straw from agricultural production. The graphic giving the biomass potential is given below.

Picture 7: Potential of hay from perennial grasslands in three distances



The amount of hay, which can be obtained from the area selected above, represents an energy potential. As can be seen on the following table, the potential of hay from distances lower than 50 km is almost equal to the one from the other two circles.

Table 9: Yield of hay and the calorific value in GJ in three distances

Yield of hay and the calorific value in GJ in three distances		
	Yield in tons	Calorific value in GJ
< 50 km	133 786,04	2 006 790,66
50 km - 75 km	71 334,12	1 070 011,74
75 km - 100 km	71 057,51	1 065 862,63
<b>Total</b>	<b>276 177,67</b>	<b>4 142 665,03</b>

### 2.3.2.6 Timber logging residues

The residues from timber logging are very important source of biomass especially for large energy plants, which use wood or wood chips and for producers of compact biofuels, which use residual biomass for production of pellets and briquettes.

For the area has been done calculation based on the area of coniferous and deciduous forests and their yields from an hectare.

Table 10: Forrest types in the Ústí region

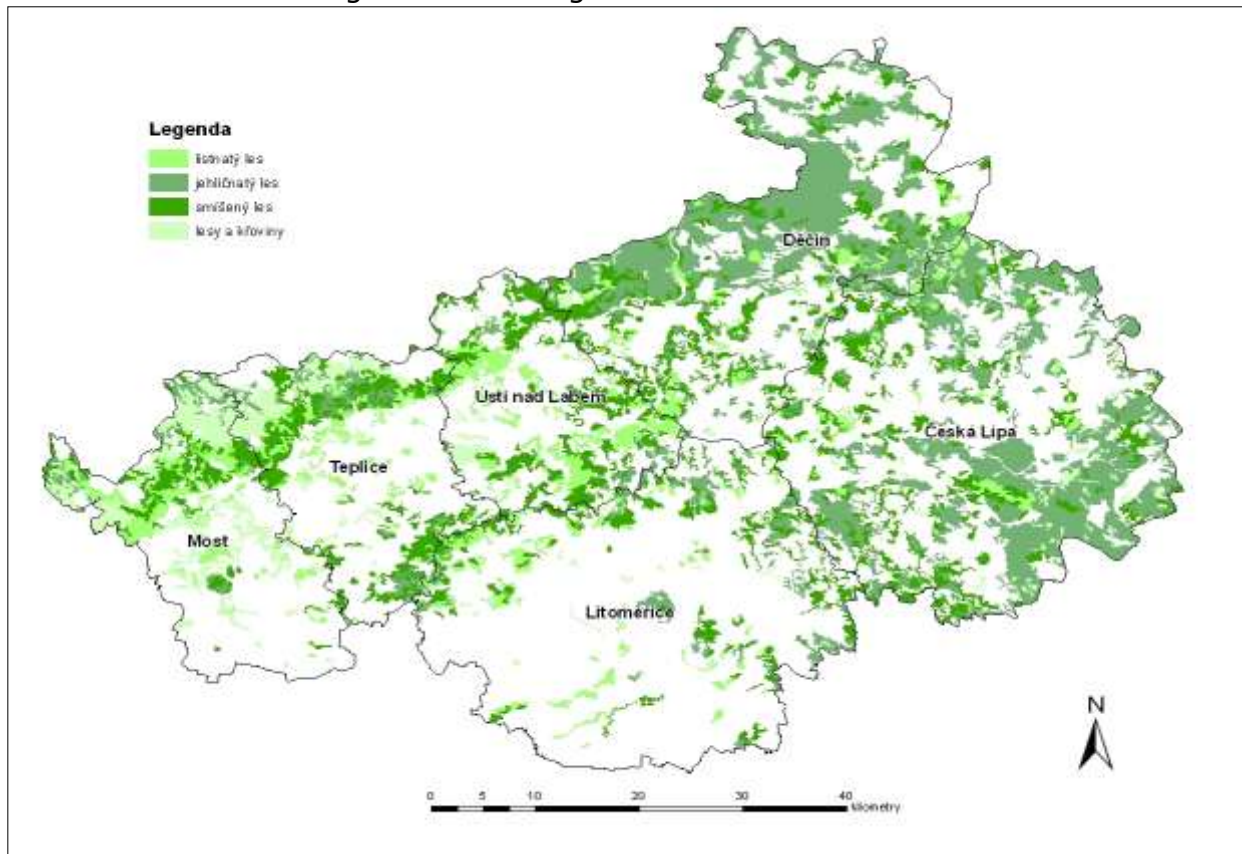
	%	ha
Deciduous	13	20 432
Coniferous	49	78 092
Mixed forrest	20	32 285
Forrest with bushes	18	29 140
Total	100	159 949

For the estimation of residual biomass from timber logging have been used data on total timber logging, which has been 316 728 m<sup>3</sup> b.k. of coniferous wood and 70 703 m<sup>3</sup> b.k. of deciduous wood. This data has been used for the calculation of total biomass potential from timber logging, which is shown in the following table.

Table 11: Yield of timber logging residues in Ústí region

	area	logging	Weight of wood on ha	Weight of residues on ha	Yield
	ha	m <sup>3</sup> /ha	kg /ha	t/ha 30% of logging	t of wood
Deciduous	36 574	1,93	1 798	0,54	19 726
Coniferous	103 948	3,05	2 300	0,69	71 739
<b>Total production of residues from logging/ha/year</b>					<b>91 465</b>
<b>Energy potential 5,6 GJ/t</b>					<b>512204</b>

Picture 8: Forrest categories according to CLC 2000



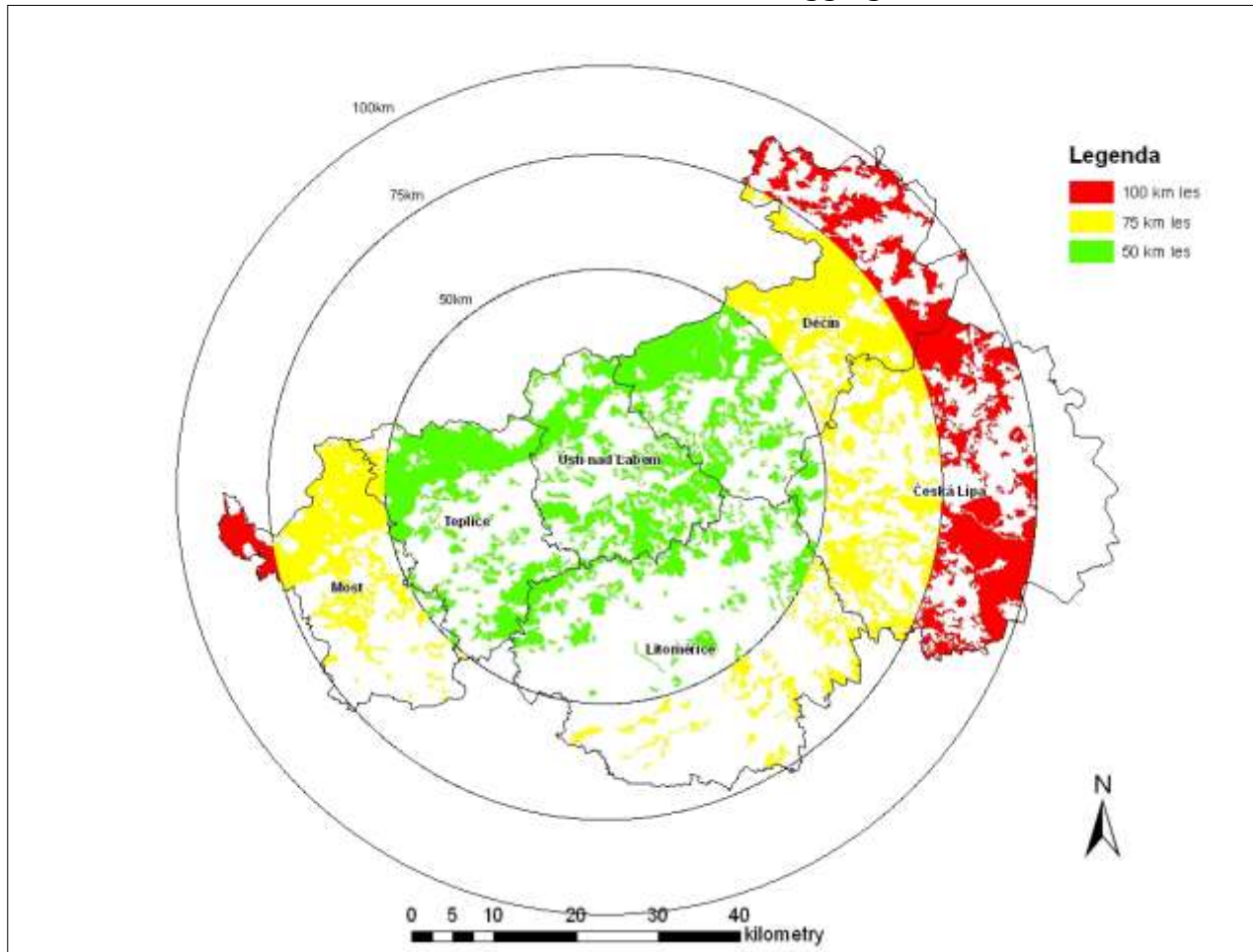
### 2.3.2.7 Yields of timber logging residues from area of interest

The following table contains the results of calculation of total residues from timber logging given by the yield from different forest categories and their calorific value. The potential is again represented in three distance areas from the main point of the Ústí region.

Table 12: Timber logging residues potential and calorific value in three distances

Timber logging residues potential and calorific value in three distances		
distance	Yield in t	Calorific value in GJ
< 50 km	35 984,76	201514,63
50 - 75 km	31 302,75	175 295,37
75 - 100 km	24 177,53	135 394,16
<b>Total</b>	<b>91 465,03</b>	<b>512 204,16</b>

Picture 9: Potential of residual biomass from timber logging in three distances



### 2.3.3 Total biomass potential from the Ústí region

In previous chapters has been calculated the biomass potential for the area of interest, in three distances and for agricultural, forestry and landscaping residues which might be used for energy production by combustion.

Table 13: Biomass potential in the area of interest

Distance	Cereal straw	Rape straw	Hay from PG	Timber logging residues	Total biomass	Calorific value
km	t	t	t	t	t	Gj
< 50	214 453	28 651	133 786	35 985	412 875	5 960 787
50 - 75	211 161	28 211	71 334	31 303	342 009	4 940 184
75 - 100	47 717	6 375	71 058	24 178	149 327	2 036 212
<b>Total</b>	<b>473 330</b>	<b>63 238</b>	<b>276 178</b>	<b>91 465</b>	<b>478 598</b>	<b>12 937 184</b>

### 3 Conclusion

The region of Northern Bohemia is area with a high biomass potential as could be shown in the tables and pictures in previous chapters. However, the potential is so far not being fully used. The use of the biomass is mostly given either by some of the key players in the Czech Republic (list of key stakeholders is in the annex) or for wooden biomass, it is being exported to Germany, Austria and other countries. In order to use the potential locally, which is the most sustainable way of using the biomass potential, a new energy plant in the region of Ústí nad Labem should be constructed. In the overview above has been calculated with the energy use by combustion, however as there is high potential in the region of residual agricultural and landscaping residual biomass, as well other ways of utilization, as biogas production could be considered.

## 4 Annex

### 4.1 List of plants in CR using biomass for energy production

Operator	Site	Power t/h, MW <sub>t</sub>	Fuel	Note
Netvořice	Dřevovýroba	1,800 MW <sub>t</sub>	Saw dust, Chips	Boiler for biomass.
Agros Bio, a.s.	Křtiny	0,200 MW <sub>t</sub>	slops, Wood	Boiler for biomass.
Agros Bio, a.s.	Křtiny	0,300 MW <sub>t</sub>	slops, Wood	Boiler for biomass.
Dipro Fabriks CZ a.s. v konkursu od r.2002	Rájec-Jestřebí	4,010 MW <sub>t</sub>	Saw dust, slops, bark, Chips	Boiler for biomass. Houses heating,
Ledeko a.s.	Letovice - zámek	0,200 MW <sub>t</sub>	Saw dust	Warm water Boiler for biomass.
Pila FaJ Straw	Boskovice	0,160 MW <sub>t</sub>	Saw dust, Wood	Boiler for biomass. Drying of wood..
ŠOŠ a SOU Letovice	Letovice	0,125 MW <sub>t</sub>		Boiler for biomass.
Školní lesní podnik Masarykův les Křtiny	Křtiny	0,400 MW <sub>t</sub>	Chips, Saw dust	Boiler for biomass.
Školní lesní podnik Masarykův les Křtiny	Křtiny-Olomučany	0,465 MW <sub>t</sub>	Chips, Saw dust, bark	Boiler for biomass..
Školní lesní podnik Masarykův les Křtiny	Křtiny - Josefov	0,814 MW <sub>t</sub>	Chips, Wood	Boiler for biomass.
VOS zemědělců, a.s.	Velké Opatovice-Malá Roudka	0,140 MW <sub>t</sub>	Chips	Boiler for biomass.
ZD Agropol Knínice	Knínice u Boskovic	2,200 MW <sub>t</sub>	Chips, Saw dust	Boiler for biomass,.
ZD Rájec-Jestřebí	Rájec-jestřebí	0,200 MW <sub>t</sub>	Chips, Saw dust, slops	Boiler for biomass. Houses heating .
Kepák Group a.s.	Zbýšov u Brna	1,000 MW <sub>t</sub>	Chips, Saw dust	Boiler for biomass. Heating of production rooms
Kepák Group a.s.	Zbýšov u Brna	2,500 MW <sub>t</sub>	Chips, Saw dust	Boiler for biomass. Heating of production rooms
Tepelné zásobování Brno, a.s.	Brno-Bystrc II	1,5 MW	Chips	Boiler for biomass.
Tepelné zásobování Brno, a.s.	Brno-Bystrc II	1,1 MW	Chips	Boiler for biomass.
Tišnovská Woodvýroba, s.r.o.	Tišnov	0,190 MW <sub>t</sub>	Chips, Saw dust	Boiler for biomass.
DALKIA ČESKÁ REPUBLIKA, a.s.	TP Krnov	35,0	biomass	Steam Boiler for biomass.
Woodkombinát Vrbno, a.s.	Vrbno pod Pradědem	8,720 MW <sub>t</sub>	bark	Warm water Boiler for biomass.
SILVA Servis a.s.	Stará Ves	1,200 MW <sub>t</sub>	Bark	Boiler for biomass.
Vrbno pod Pradědem	Peletárna	0,600 MW <sub>t</sub>	Saw dust	Boiler for biomass.
DENDRA Břeclav, s.r.o.	Břeclav	12,000	ZP+	Cyklon on Saw dust
OÚ Moravská Nová Ves	Moravská Nová Ves	0,120 MW <sub>t</sub>	Pyrogas	Gassification. Waste from forestry and agriculture.
Falcon Mimoň, a.s.	Mimoň	3,150	Biomass	Steam mid pressure Boiler for biomass.
Falcon Mimoň, a.s.	Mimoň	5,000	Biomass	Steam mid pressure Boiler for biomass.
Teplo Nový Bor, spol. s r.o.	Nový Bor - kotelna	2,200 MW <sub>t</sub>	Biomass, Chips, straw	Boiler for biomass.
Teplo Nový Bor, spol. s r.o.	Nový Bor - kotelna	2,800 MW <sub>t</sub>	Biomass, Chips, straw	Boiler for biomass.
Teplo Nový Bor, spol. s r.o.	Nový Bor - kotelna	3,500 MW <sub>t</sub>	Biomass, Chips, straw	Boiler for biomass.
Agrodrůžstvo Bečice	Žimutice	0,400 MW <sub>t</sub>	Saw dust	Boiler for biomass.
BKV Kamenná s.r.o.	Nové Hrady	0,650 MW <sub>t</sub>	Saw dust	Boiler for biomass. Houses heating.

Budějovická Woodzpracující továrna, s.r.o.	Hluboká nad Vltavou	0,500 MW <sub>t</sub>	Wood, Saw dust, slops	Boiler for biomass.
Wood UM s.r.o.	České Budějovice	0,400 MW <sub>t</sub>	Wet wood	Boiler for biomass.
Jihočeské lesy České Budějovice, a.s.	Nové Hrady-Olešná	1,163 MW <sub>t</sub>	Bark, Saw dust	Boiler for biomass.
Jihočeské lesy, a.s.	Byňov-pila Jakule	0,460 MW <sub>t</sub>	Chips	Boiler for biomass.
Jihočeské lesy, a.s.	Byňov-pila Jakule	0,815 MW <sub>t</sub>	Chips	Boiler for biomass.
KOH-I-NOOR Hardmuth, a.s.	České Budějovice	4,5 (3,300 MW <sub>t</sub> )	Biomass	Mid pressure steam Boiler for biomass.
Ledenický nábytek, v.d.	Ledenice	0,195 MW <sub>t</sub>	Saw dust,	Warm water Boiler for biomass. Houses heating and drying of wood.
OÚ Dříteň	Dříteň	1,000 MW <sub>t</sub>	Chips, Saw dust	Boiler for biomass.
OÚ Dřítev	Dřítev	1,100 MW <sub>t</sub>	Chips	Fluid boiler with stationary fluid layer for biomass
OÚ Svatý Jan nad Malší	Svatý Jan nad Malší	0,190 MW <sub>t</sub>	Chips, Saw dust	Boiler for biomass. Heating of communal houses.
OÚ Svatý Jan nad Malší	Svatý Jan nad Malší	0,490 MW <sub>t</sub>	Chips, Saw dust	Boiler for biomass. Heating of communal houses.
OÚ Všemyslice	Všemyslice	0,170 MW <sub>t</sub>	Chips, Saw dust	Boiler for biomass.
Pila Lepša a syn, s.r.o.	Trhové Sviny	0,200 MW <sub>t</sub>		Boiler for biomass..
Tepelné hospodářství města Trhové Sviny	Trhové Sviny	2,500 MW <sub>t</sub>	Chips, Saw dust	Warm water Boiler for biomass.
Tepelné hospodářství města Trhové Sviny	Trhové Sviny	2,800 MW <sub>t</sub>	Chips,	ORC cyklus - Boiler for wood chips and waste wood.
ZŠ Kamenný Újezd	Kamenný Újezd	0,190 MW <sub>t</sub>	Saw dust	Boiler for biomass.
Agrowald s.r.o.	Těchoráz u Vyššího Brodu	1,000 MW <sub>t</sub>	Chips	Boiler for biomass.
Ambit, a.s.	Český Krumlov	1,000 MW <sub>t</sub>	Saw dust	Boiler for biomass.
Ambit, a.s.	Kaplice	1,000 MW <sub>t</sub>	Saw dust	Boiler for biomass.
Domov důchodců Horní Planá	Horní Planá	0,200 MW <sub>t</sub>	Chips	Boiler for biomass.
Domov důchodců Horní Planá	Horní Planá	0,300 MW <sub>t</sub>	Chips	Boiler for biomass.
Hotel Smrčina	Horní Planá	0,400 MW <sub>t</sub>	Wood, Saw dust, slops	Boiler for biomass. Heating of hotel.
Hotel Šumava	Vyšší Brod	0,400 MW <sub>t</sub>	Wood, firewood	Boiler for biomass. Heating of hotel.
JDZ a.s.	Vyšší Brnod	2,500 MW <sub>t</sub>	, Saw dust	Boiler for biomass.
Jednota družstvo spotřebitelů v Kaplici	Kaplice	0,500 MW <sub>t</sub>		Boiler for biomass.
JIP Papírny Větrní, a.s.	Větrní-briketárna	1,800 MW <sub>t</sub>	Dry bark	Boiler for biomass.
Jiří Bauer . truhlárna	Zlatá Koruna/Záluží	0,190 MW <sub>t</sub>	Saw dust	Boiler for biomass.
Lesy Kaplice, a.s.	Kaplice	0,200 MW <sub>t</sub>	Firewood, bark, Saw dust	Boiler for biomass.
Lesy Kaplice, a.s.	Kaplice	0,400 MW <sub>t</sub>	Firewood, bark, Saw dust	Boiler for biomass.
Lira - obrazové rámy a lišty, a.s.	Horní Planá	1,200 MW <sub>t</sub>	Saw dust	Boiler for biomass. Heating and drying of wood.
Lira - obrazové rámy a lišty, a.s.	Český Krumlov-Domoradice	4,000 MW <sub>t</sub>	, Saw dust, Chips	Boiler for biomass. Heating and drying of wood.
Miloslav Novotný - Pila Černá	Černá v Pošumaví	0,300 MW <sub>t</sub>	Saw dust	Boiler for biomass.
OÚ Frymburk	Frymburk	0,200 MW <sub>t</sub>	Chips	Boiler for biomass.
OÚ Frymburk	Frymburk	0,300 MW <sub>t</sub>	Chips	Boiler for biomass.
OÚ Malonty	Malonty - školka	0,100 MW <sub>t</sub>	Chips	Boiler for biomass.
Pila Černá v Pošumaví	Černá v Pošumaví	0,180 MW <sub>t</sub>		Boiler for biomass.
Pila Černá v Pošumaví	Černá v Pošumaví	0,300 MW <sub>t</sub>	Saw dust	Boiler for biomass.

Pila v Mříči, s.r.o.	Mříč u Křemže	0,373 MW <sub>e</sub>	Wood	Boiler for biomass.
Stadler-Graf-Ambit s.r.o.	Kaplice	0,930 MW <sub>e</sub>	Chips, , Saw dust	Boiler for biomass.
Větrní	Briketovací linka	1,800 MW <sub>e</sub>	Saw dust	Boiler for biomass.
Vojenské lesy a statky ČR, s.p.	Rychtářov	0,200 MW <sub>e</sub>	Saw dust	Boiler for biomass.
Vojenské lesy a statky ČR, s.p.	Horní Planá	0,240 MW <sub>e</sub>	Firewood,	Boiler for biomass.
Vojenské lesy a statky ČR, s.p.	Horní Planá	0,300 MW <sub>e</sub>	Firewood,	Boiler for biomass.
Vojenské lesy a statky ČR, s.p. - pila Hůrka	Horní Planá, Hůrka	0,180 MW <sub>e</sub>		Boiler for biomass.
ZD Brloh	Brloh	0,400 MW <sub>e</sub>	Chips, Saw dust	Boiler for biomass.
Kunratice	Výpění výrobních hal	0,600 MW <sub>e</sub>	Saw dust, Chips	Boiler for biomass.
Rybniště	Obecní kotelna	0,600 MW <sub>e</sub>	Chips, straw	Boiler for biomass.
Rybniště	Obecní kotelna	0,900 MW <sub>e</sub>	Chips, straw	Boiler for biomass.
Zahrady u Rumburka	Výroba obalů	0,350 MW <sub>e</sub>	Shredded paper	Boiler for biomass.
Chodská pila-Srnka s.r.o.	Horšovský Týn	0,175 MW <sub>e</sub>	Saw dust	Boiler for biomass.
Chodská pila-Srnka s.r.o.	Horšovský Týn	0,200 MW <sub>e</sub>	Saw dust	Boiler for biomass.
Lankes Holzverarbeitungs, s.r.o.	Postřekov	0,250 MW <sub>e</sub>		Boiler for biomass.
LST a.s.	Trhanov	0,270 MW <sub>e</sub>		Boiler for biomass.
LST a.s.	Trhanov	0,290 MW <sub>e</sub>		Boiler for biomass.
LST a.s.	Trhanov	0,759 MW <sub>e</sub>		Boiler for biomass.
Nábytkář, v.d. Domažlice	Domažlice	1,000 MW <sub>e</sub>		Boiler for biomass.
Taubenhansl s.r.o.	Horšovský Týn	0,200 MW <sub>e</sub>		Boiler for biomass.
Lesy NOLY, s.r.o.	Frýdek-Místek	1,000 MW <sub>e</sub>	Bark	Boiler for biomass.
Ždírec nad Doubravou	Peletovací linka	0,900 MW <sub>e</sub>	Saw dust	Boiler for biomass.
Lignum Product s.r.o.	Hodonín	8,000	Chips, Saw dust	Grid boiler
Moravský Písek	Výroba židlí	0,350 MW <sub>e</sub>	Saw dust, Chips	Boiler for biomass.
Trudex, s.r.o.	Bzenec	1,000 MW <sub>e</sub>		Boiler for biomass
Hradec Králové	Výroba nábytku	0,350 MW <sub>e</sub>		Boiler for biomass.
ZOS Kratonohy	Kratonohy	0,300 MW <sub>e</sub>	Straw	Boiler for straw combustion
Kornel Búzik st.	Aš	1,200 MW <sub>e</sub>	, Saw dust	Boiler for biomass.
Dýha Chrást, spol. s r.o.	Chrást u Chrudimě	2,500		Boiler for biomass.
Ing.Jan Ficek	Chrudim	0,465 MW <sub>e</sub>		Boiler for biomass.
ZACH a spol.	Chrudim	1,750 MW <sub>e</sub>	Chips,	Boiler for biomass.
ZD Liboměřice	Liboměřice	1,000 MW <sub>e</sub>	Wood	Boiler for biomass.
WOOD-CENTRUM spol. s r.o. v likvidaci	Rychnov nad Nisou	1,160 MW <sub>e</sub>		Boiler for biomass.
Kümpers Textil, s.r.o.	Plavy	0,200		Boiler for biomass.
TOFA, a.s.	Albrechtice	12,000	TO+	Boiler for biomass.
CZT Zlaté Hory 1	Zlaté Hory	2,5 MW <sub>e</sub>	biomass	Grid boiler.
CZT Zlaté Hory 2	Zlaté Hory	2,5 MW <sub>e</sub>	biomass	Grid boiler.
MÚ Zlaté Hory	Zlaté Hory	4,000	Biomass	Steam mid pressure. Boiler for biomass.
TH Zlaté Hory	Zlaté Hory	2,5 MW <sub>e</sub>	biomass	Grid boiler for biomass
ZD Javorník-CZ-PLUS, s.r.o.	Javorník	0,300 MW <sub>e</sub>	Chips, Saw dust, bark	Boiler for biomass.
ZD Javorník-CZ-PLUS, s.r.o.	Javorník	0,500 MW <sub>e</sub>	Chips, Saw dust, bark	Boiler for biomass.
Jesva s.r.o.	Hořice Podkrkonoší v	0,150		Boiler for biomass.
Dešná u Jemnice	Obecní kotelna	0,900 MW <sub>e</sub>	Straw, Chips	Boiler for biomass.

Dešná u Jemnice	Obecní kotelna	1,800 MW <sub>t</sub>	Straw, Chips	Boiler for biomass.
Energetické centrum s.r.o.	Jindřichův Hradec	3,200 MW <sub>t</sub>	, straw	Boiler for biomass.
Jas, výrobní družstvo ve Stráži nad Nežárkou	Stráž nad Nežárkou	1,000 MW <sub>t</sub>	Saw dust	Boiler for biomass.
Jihočeské lesy České Budějovice, a.s.	Suchdol nad Lužnicí	0,700 MW <sub>t</sub>	Bark, Saw dust	Boiler for biomass.
Karel Tůma-TOP	Jarošov nad Nežárkou	0,465 MW <sub>t</sub>		Boiler for biomass.
Kasalova pila, s.r.o.	Jindřichův Hradec	2,500		Boiler for biomass.
Lesy České republiky, s.p.	LS Jindřichův Hradec	0,250 MW <sub>t</sub>	Chips	Boiler for biomass.
Lesy Český Rudolec, a.s.	Pila Slavonice	2,000 MW <sub>t</sub>		Boiler for biomass.
Neva-Nekut&Müller spol. s r.o.	Kardašova Řečice	2,500 MW <sub>t</sub>	Firewood,	Boiler for biomass.
OÚ Dešná u Dačic	Dešná u Dačic	0,900 MW <sub>t</sub>	, straw	Boiler for biomass.
OÚ Dešná u Dačic	Dešná u Dačic	1,800 MW <sub>t</sub>	, straw	Boiler for biomass.
OÚ Slavonice	Slavonice	2,200 MW <sub>t</sub>		Boiler for biomass.
OÚ Staré Město pod Landštejnem	Staré Město pod Landštejnem	1,000 MW <sub>t</sub>	Chips, Saw dust	Boiler for biomass.
OÚ Staré Město pod Landštejnem	Staré Město pod Landštejnem	1,800 MW <sub>t</sub>	Chips, Saw dust	Boiler for biomass.
PELLETTEX s.r.o.	Dačice	0,500 MW <sub>t</sub>		Boiler for biomass.
Pila a Woodvýroba Podedvory, spol. s r.o.	Dvory nad Lužnicí	1,0 (0,700 MW <sub>t</sub> )	, Saw dust	Low pressure steam boiler for biomass.
Pila a Woodvýroba Podedvory, spol. s r.o.	Dvory nad Lužnicí	1,465 MW <sub>t</sub>	, Saw dust	Boiler for biomass.
PRAMA-H, spol. s r.o.	Kunžak - pila	3,000 MW <sub>t</sub>		Boiler for biomass.
Stavcent, a.s. - pobočka Třeboň	Třeboň	0,190 MW <sub>t</sub>	Chips, Saw dust	Boiler for biomass.
Tronet spol. s r.o.	Jersice	0,200 MW <sub>t</sub>	Saw dust	Boiler for biomass.
TUPA spol. s r.o.	Kardašova Řečice	0,210 MW <sub>t</sub>		Boiler for biomass.
Nevděk s.r.o.	Žlutice	0,150 MW <sub>t</sub>	, Saw dust	Boiler for biomass.
ZD Novosedly	Žlutice	0,200 MW <sub>t</sub>	Saw dust,	Boiler for biomass.
ZDP-Pila, s.r.o.	Mariánské Lázně - Holýšov	0,200 MW <sub>t</sub>	Saw dust	Boiler for biomass.
Žlutická teplárenská, a.s.	Žlutice na Karlovarsku	1,800 MW <sub>t</sub>	Saw dust, Chips, straw	Boiler for biomass.
Žlutická teplárenská, a.s.	Žlutice na Karlovarsku	2,500 MW <sub>t</sub>	Saw dust, Chips, straw	Boiler for biomass.
ZD Petrovice	Petrovice	1,000 MW <sub>t</sub>	Wood	Boiler for biomass.
Hospodářské družstvo v Unhošti	Unhošť	0,300 MW <sub>t</sub>	Wood, firewood	Boiler for biomass.
Lesní společnost Železná Ruda, a.s.	Železná Ruda	0,120 MW <sub>t</sub>	Saw dust,	Boiler for biomass.
Lesní společnost Železná Ruda, a.s.	Železná Ruda	0,250 MW <sub>t</sub>	Saw dust,	Boiler for biomass.
MÚ Hartmanice	Hartmanice kotelna CZT	0,880 MW <sub>t</sub>	Biomass-Chips, , Saw dust	Warm water Boiler for biomass.
MÚ Hartmanice	Hartmanice kotelna CZT	1,750 MW <sub>t</sub>	Biomass-Chips, , Saw dust	Warm water Boiler for biomass.
Podhoran Černíkov a.s.	Černíkov	0,185 MW <sub>t</sub>		Boiler for biomass.
Podhoran Černíkov a.s.	Černíkov-paletárna	0,200 MW <sub>t</sub>		Boiler for biomass.
Truhlářství Vladimír Rendl	Strážov	0,350 MW <sub>t</sub>		Boiler for biomass.
Truhlářství Vladimír Rendl	Strážov	0,350 MW <sub>t</sub>		Boiler for biomass.
KORYNA nábytek, a.s.	Koryčany	6,000 MW <sub>t</sub>	, Wood waste	Boiler for biomass.
Limbos	Kroměříž	0,350 MW <sub>t</sub>		Boiler for biomass.
Roštín	Obecní kotelna	4,000 MW <sub>t</sub>	Straw	Boiler for biomass.

TON-ENERGO, a.s.	Bystrice pod Hostýnem	8,000		Boiler for biomass.
České dřevařské závody Praha	Provoz Čáslav	4,000	Saw dust	Boiler for biomass.
Less & Timber, s.r.o.	Bohdaneč	1,500 MW <sub>t</sub>	Biomass	Boiler for biomass.
Lidové truhlářské družstvo Vlašim	provoz Čáslav	0,160 MW <sub>t</sub>	Saw dust,	Boiler for biomass.
OÚ Jindřichovice pod Smrkem	Jindřichovice pod Smrkem	0,200 MW <sub>t</sub>	Chips	Boiler for biomass.
Mondi Packaging Paper Štětí a.s.	Štětí	220,0		Steam boiler.
Žatecká teplárenská a.s.	Žatec	11,600 MW <sub>t</sub>	; Chips	Boiler for biomass.
Žatecká teplárenská a.s.	Žatec	5,500 MW <sub>t</sub>	; Chips	Grid Boiler for biomass.
Litvínov	Litvínov	0,200 MW <sub>t</sub>	Saw dust	Boiler for biomass.
Červený Kostelec	Výpění výrobních hal	0,900 MW <sub>t</sub>	Saw dust, Chips	Boiler for biomass.
ZD Mezilečí	Mezilečí	0,350 MW <sub>t</sub>	Saw dust	Boiler for biomass.
DALKIA ČESKÁ REPUBLIKA, a.s.	Kotelna Nový Jičín	1,500 MW <sub>t</sub>	Chips	Boiler for biomass.
Povodí Odry a.s.	Skotnice	0,050	Biomass	Boiler for biomass.
Povodí Odry a.s.	Skotnice	0,100	Biomass	Boiler for biomass.
Dudinger	Sadská	0,350 MW <sub>t</sub>	Chips, Saw dust	Boiler for biomass.
Obec Kněžice	Kněžice, Kotelna na biomasu	0,400 MW <sub>t</sub>	Straw,	Boiler for biomass.
Obec Kněžice	Kněžice, Kotelna na biomasu	0,800 MW <sub>t</sub>	Straw,	Boiler for biomass.
Sadská	Výroba nábytku	0,350 MW <sub>t</sub>	Saw dust, Chips	Boiler for biomass.
Bouzov	Obecní výtopna	0,600 MW <sub>t</sub>	Saw dust, Chips, straw	Boiler for biomass.
Bouzov	Obecní výtopna	1,800 MW <sub>t</sub>	Saw dust, Chips, straw	Boiler for biomass.
PTR Holding a.s. - v konkursu	Olomouc	0,500 MW <sub>t</sub>	Chips	Boiler for biomass.
OKD, Pila-Salma a.s.	Ostrava	0,730 MW <sub>t</sub>	Chips	Boiler for biomass
IROMEZ, spol s r.o.	Pelhřimov	7,800	Biomass - Chips,	Steam mid pressure boiler for biomass.
IROMEZ, spol s r.o.	Pelhřimov	6,000 MW <sub>t</sub>	Biomass - Chips,	Boiler for wood chips and waste wood.
Nová Cerekev	Nová Cerekev	2,000 MW <sub>t</sub>	Chips,	Boiler for wood chips and waste wood
Selekta Pacov, a.s.	Pacov	0,420 MW <sub>t</sub>	Straw	Boiler for biomass.
Bohemia Timber, s.r.o.	Protivín	1,160 MW <sub>t</sub>		Boiler for biomass.
Hikor Písek a.s.	Písek	2,500 MW <sub>t</sub>		Boiler for biomass.
Lesy Tábor, a.s.	Protivín	0,700 MW <sub>t</sub>	Směs kůry a Chips	Boiler for biomass.
NOI v.o.s.	Písek-Dolní Ostrovec	0,190 MW <sub>t</sub>	Chips,	Boiler for biomass.
ZD Albrechtice	Albrechtice nad Vltavou	0,120 MW <sub>t</sub>	Wood, Saw dust, bark	Boiler for biomass.
ZD Albrechtice	Fermentační linka	0,900 MW <sub>t</sub>	Saw dust	Boiler for biomass.
ZD Chyšky	Chyšky	1,000 MW <sub>t</sub>	Wood	Boiler for biomass.
CPZ s.r.o.	Chotěšov	0,250 MW <sub>t</sub>	Saw dust,	Boiler for biomass.
Woodvýroba HePa s.r.o.	Blovce	0,190 MW <sub>t</sub>		Boiler for biomass.
Woodvýroba HePa s.r.o.	Blovce	0,520 MW <sub>t</sub>		Boiler for biomass.
DTN Industries s.r.o.	Manětín	0,400 MW <sub>t</sub>	Drcená dýha+	Boiler for biomass.
Gastro s.r.o.	Přeštice	0,100 MW <sub>t</sub>	, Saw dust	Boiler for biomass.
Gastro s.r.o.	Přeštice	0,150 MW <sub>t</sub>	, Saw dust	Boiler for biomass.

I.V. s.r.o.	Plzeň	0,190 MW <sub>t</sub>	Saw dust	Boiler for biomass.
Lesní společnost Přeštice a.s.	Přeštice	0,200 MW <sub>t</sub>	Saw dust,	Warm water Boiler for biomass.
Libor Pikrt - Penzion	Vidžín	0,300 MW <sub>t</sub>	Chips	Boiler for biomass.
Majamóda s.r.o.	Kasejovice	0,240 MW <sub>t</sub>	Saw dust	Boiler for biomass.
Palis Plzeň, s.r.o.	Všeruby	0,130 MW <sub>t</sub>	Chips	Boiler for biomass.
PLZEŇSKÁ TEPLÁRENSKÁ, a.s.	Cetrální teplárna Doubravecká	180,0	; biomass	Fluid steam boiler.
PLZEŇSKÁ TEPLÁRENSKÁ, a.s.	Cetrální teplárna Doubravecká	15,0 MW <sub>t</sub>	biomass	Boiler for biomass.
PLZEŇSKÁ TEPLÁRENSKÁ, a.s.	Cetrální teplárna Doubravecká	35,0 MW <sub>t</sub>	biomass	Boiler for biomass.
Škola v přírodě Sklárna, s.r.o.	Nový Dvůr-Žihle	0,500 MW <sub>t</sub>	Saw dust, Chips	Boiler for biomass.
Školní statek Plasy-Babiná	Plasy	0,800 MW <sub>t</sub>		Boiler for biomass.
ZD Dřevec-Kožlany	Kožlany	0,200 MW <sub>t</sub>	, Saw dust	Boiler for biomass.
ZD Dřevec-Kožlany	Kožlany	0,500 MW <sub>t</sub>	Wood	Boiler for biomass.
Pharming, a.s.	Praha	0,350 MW <sub>t</sub>	Odpad. papír	Boiler for biomass.
Vodní stavby Bohemia divize 8, s.r.o.	Praha	1,000 MW <sub>t</sub>		Boiler for biomass.
Boubín, spol. s r.o.	Vimperk	0,200 MW <sub>t</sub>	Wood	Boiler for biomass.
Wood-palety-Vlk spol. s r.o.	Šumavská Hoštice	0,140 MW <sub>t</sub>		Boiler for biomass.
Wood-palety-Vlk spol. s r.o.	Šumavská Hoštice	0,300 MW <sub>t</sub>		Boiler for biomass.
Woodpodnik Krutský spol. s r.o.	Zdíkov-Zdíkovec	0,730 MW <sub>t</sub>	Chips, Saw dust	Boiler for biomass.
JDZ a.s.	Vimperk	0,930 MW <sub>t</sub>		Boiler for biomass.
Jitona a.s.	Prachatice	2,600 MW <sub>t</sub>	Saw dust,	Boiler for biomass.
Kůs spol. s r.o.	Stachy	0,337 MW <sub>t</sub>	, Saw dust	Boiler for biomass.
MIVA, v.d.	Vacov	0,190 MW <sub>t</sub>		Boiler for biomass.
OÚ Nová Pec	Nová pec	1,100 MW <sub>t</sub>	Saw dust,	Boiler for biomass.
OÚ Nová Pec	Nová pec	2,200 MW <sub>t</sub>	Saw dust,	Boiler for biomass.
Prima Agri PT a.s.	Prachatice	0,400 MW <sub>t</sub>	Saw dust, slops, bark	Warm water Boiler for biomass.
Šumava Group Woodpodnik Zdíkovec	Zdíkov	0,730 MW <sub>t</sub>	Chips, Saw dust	Boiler for biomass.
Truhlářství Hadrava	Zdíkov	0,200 MW <sub>t</sub>	Saw dust,	Warm water Boiler for biomass.
Zbytiny	Peletovací linka	0,900 MW <sub>t</sub>	Saw dust, Chips	Boiler for biomass.
Prostějov	Výroba nábytku	0,350 MW <sub>t</sub>	Saw dust, Chips	Boiler for biomass.
Komterm, a.s.	Bývalá Sublima Březnice	10,800 MW <sub>t</sub>		Boiler for biomass.
ZD Dublovice	Dublovice	2,000 MW <sub>t</sub>	Wood	Boiler for biomass.
ZD se sídlem v Rosovicích	Rosovice	1,000 MW <sub>t</sub>	Wood	Boiler for biomass.
Pila Břasy s.r.o.	Břasy	0,150 MW <sub>t</sub>	Saw dust	Boiler for biomass.
Ústav sociální péče Mirošov	Mirošov	0,600 MW <sub>t</sub>		Boiler for biomass.
ZDP Woodvýroba s.r.o.	Provoz Radnice	1,000 MW <sub>t</sub>	Saw dust	Boiler for biomass.
Rojek s.r.o.	Kostelec nad Orlicí	0,200		Boiler for biomass.
Rokytnice v Orlických horách	Obecní kotelna	2,500 MW <sub>t</sub>	Chips	Boiler for biomass.
BK továrna na parkety s.r.o.	Sedlice	0,500 MW <sub>t</sub>	Chips, Saw dust	Boiler for biomass.
Strojárna Sedlice, a.s.	Sedlice	1,160 MW <sub>t</sub>	Chips	Boiler for biomass.
ZD Blatná	Blatná	0,800 MW <sub>t</sub>	Wood	Boiler for biomass.
ZD Háje Předmíř	Lnáře	0,200 MW <sub>t</sub>	, Saw dust	Boiler for biomass.
ZD Háje Předmíř	Lnáře	0,400 MW <sub>t</sub>	, Saw dust	Boiler for biomass.
AGRO Vysočina Bystré a.s.	Bystré	0,500 MW <sub>t</sub>		Boiler for biomass.

Woodzávod Pražan spol. s r.o.	Polička	2,000 MW <sub>t</sub>		Boiler for biomass.
Lesní společnost Svitavy, a.s.	Svitavy	4,000 MW <sub>t</sub>	Biomass	Boiler for biomass.
ZD Radiměř	Radiměř	0,200 MW <sub>t</sub>	Straw	Boiler for biomass.
Moravskoslezské dřevařské závody Šumperk	Šumperk	8,720 MW <sub>t</sub>	, bark	Boiler for biomass.
JDZ a.s.	Soběslav	4,640 MW <sub>t</sub>	, bark	Boiler for biomass.
Lesy Tábor, a.s.	Planá nad Lužnicí	0,400 MW <sub>t</sub>	Saw dust, Chips,	Boiler for biomass.
Lípa ČR s.r.o.	Radětice	0,200 MW <sub>t</sub>	, Saw dust	Boiler for biomass.
Lužan Veselí nad Lužnicí, a.s.	Veselí nad Lužnicí	4,000	Biomass	Boiler for biomass.
ZD Slapy	Slapy	1,700 MW <sub>t</sub>	, Saw dust	Boiler for biomass.
ČEZ, a.s.	EPO/Dvůr Králové	36,0	H. PRACH; biomass	Boiler for biomass.
Woodvýroba PROTEUS	Velké Svatoňovice	0,900 MW <sub>t</sub>	Saw dust, Chips	Boiler for biomass.
Jívka	Briketovací linka	0,900 MW <sub>t</sub>	Saw dust	Boiler for biomass.
Kasper spol. s r.o.	Trutnov	1,100 MW <sub>t</sub>	Lněné pazdeří	Boiler for biomass.
SVOLT spol. s r.o.	Vrchlabí	0,200 MW <sub>t</sub>	Chips	Boiler for biomass.
Jaroslav Konfršt - Woodvýroba u Bohouše	Jaroměřice nad Rokytnou	0,300 MW <sub>t</sub>		Boiler for biomass.
Prima Opatov - Truhlárna	Opatov	0,400 MW <sub>t</sub>		Boiler for biomass.
Truhlárna Šebkovice	Šebkovice	0,130 MW <sub>t</sub>		Boiler for biomass.
TTS eko s.r.o. (bývalá Nuclea)	Třebíč - Bohuslavice	0,350 MW <sub>t</sub>	Chips, Saw dust	Boiler for biomass.
TTS eko s.r.o. (bývalá Nuclea)	Třebíč - Teplárna sever	3,000 MW <sub>t</sub>	Chips	Boiler for biomass.
Ostrožsko, a.s.	Uherský Ostroh	0,190 MW <sub>t</sub>	Straw	Boiler for biomass.
OÚ Hostětín	Hostětín	0,732 MW <sub>t</sub>	Chips	Boiler for biomass.
FITMIN a.s.	Žamberk	0,600 MW <sub>t</sub>	Saw dust, Chips, rostl.	Boiler for biomass.
Form, s.r.o.	Horní Lideč	1,000 MW <sub>t</sub>	Saw dust	Boiler for biomass.
Jarcová	Briketovací linka	0,900 MW <sub>t</sub>	Saw dust, Chips	Boiler for biomass.
NBT Halenkov, a.s.	Halenkov	2,500		Boiler for biomass.
Timber Production s.r.o.	Velké Karlovice	1,163 MW <sub>t</sub>	Saw dust	Boiler for biomass.
Valašská ZOD Zašová	Zašová	0,200 MW <sub>t</sub>	, Saw dust	Boiler for biomass.
Valašsko-Horní Lideč a.s.	Valašské příkazy	1,000 MW <sub>t</sub>	Wood	Boiler for biomass.
Velké Karlovice	Briketovací linka	0,900 MW <sub>t</sub>	Saw dust	Boiler for biomass.
Zdeněk Štůsek Woodvýroba	Valašská Bystřice	0,582 MW <sub>t</sub>	Saw dust	Boiler for biomass.
Pila Křižanovice u Bučovic	Křižanovice u Bučovic	0,200 MW <sub>t</sub>	, Saw dust	Boiler for biomass.
Stabila ČR, s.r.o.	Nemotice	0,350 MW <sub>t</sub>	Saw dust	Boiler for biomass.
Stabila ČR, s.r.o.	Nemotice	0,650 MW <sub>t</sub>	Saw dust	Boiler for biomass.
Atel Energetika Zlín s.r.o.	Bývalá Tp SVIT, a.s. Zlín	150,0	ČU; biomass	Boiler for biomass.
Bohuslavice u Zlína	ZŠ Bohuslavice u Zlína	0,350 MW <sub>t</sub>	Chips, Saw dust	Boiler for biomass.
CZT Slavičín	Slavičín-sídliště Malé Pole	1,600 MW <sub>t</sub>	Chips, bark, Saw dust	Boiler for biomass.
Hotel Kostelec	Kostelec u Zlína	0,300 MW <sub>t</sub>	Saw dust	Boiler for biomass.
Kašava	Škola	0,600 MW <sub>t</sub>	Saw dust, Chips	Boiler for biomass.
Služby města Brumov-Bylnice	Brumov-Bylnice	1,000 MW <sub>t</sub>	, Saw dust, bark	Boiler for biomass.
Trnava u Zlína	Škola	0,350 MW <sub>t</sub>	Chips	Boiler for biomass.
Zlínsat, spol. s r.o. Hotel Kostelec	Zlín	0,300 MW <sub>t</sub>	Saw dust, Chips	Boiler for biomass.

Agrodružstvo Blížkovice	Blížkovice	0,200 MW <sub>t</sub>		Boiler for biomass.
Delta Moravský Krumlov spol. s r.o.	Moravský Krumlov	0,200 MW <sub>t</sub>	Wood, , slops	Boiler for biomass.
Delta Moravský Krumlov spol. s r.o.	Moravský Krumlov	0,800 MW <sub>t</sub>	Wood, , slops	Boiler for biomass.
Jihomoravské dřevařské závody, a.s.	Znojmo	1,000 MW <sub>t</sub>	Saw dust	Boiler for biomass.
Velký Karlov	Velký Karlov	1,000 MW <sub>t</sub>	Straw	Boiler for biomass.
Bystřická tepelná s.r.o.	Bystřice nad Perštejnem	4,500 MW <sub>t</sub>	biomass	Boiler for biomass.
SINDAT Pardubice s.r.o.	Divize Svratka	1,000 MW <sub>t</sub>	Saw dust	Boiler for biomass.
ČEZ,a.s.	ELE I	350,0	; biomass	Boiler for biomass.
ČEZ,a.s.	ELE-FLUID	350,0	; biomass	Fluid boiler
ČEZ,a.s.	ETI I - FLUID A	350,0	; biomass	Fluid boiler
ČEZ,a.s.	ETU I	350,0	biomass	Boiler for biomass
ČEZ,a.s.	EHO	170(125 MW <sub>t</sub> )	LIGNIT; biomass	Fluid boiler
ČEZ,a.s.	EPO 2 - FLUID	250(178,4 MW <sub>t</sub> )	ČU; biomass	Fluid boiler
Wood Čechy s.r.o.	Dlouhá Ves	6,000	ZP; ; Saw dust	Steam boiler