

Information about end users

1. End users in Veliko Tarnovo

1.1. Industrial enterprises in Veliko Tarnovo

- 1.1.1. Company name:** “Boliarka VT” AD
Address: 90, Hristo Botev str.
Zip code+city 5000 Veliko Tarnovo
Postal address: 90, Hristo Botev str.
Zip code+city 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mr. Kostadin Nikolov Stanev
Job title: Executive Director
Telephone number: +359 62 623751; +359 48 873 550
Fax number: +359 62 623804
E-mail: vt_pivo@vali.bg
Date of registration: Company case № 399/2000
Veliko Tarnovo District Court
- 1.1.2. Company name:** “Arbanasy” AD
Address: 88, Hristo Botev str.
Zip code+city 5000 Veliko Tarnovo
Postal address: 88, Hristo Botev str.
Zip code+city 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mr. Ivan Georgiev
Job title: Executive Director
Telephone number: +359 62 621 594; +359 88 330 931
Fax number: +359 62 630 294
E-mail: office@arbanassi.bg
Date of registration: Company case N° 912/1994
Veliko Tarnovo District Court
- 1.1.3. Company name:** “Darvoprerabotvane VT” AD
Address: kv. Tcholakovtci, Industrial Zone “Dalga
Laka”
Zip code+city 5000 Veliko Tarnovo
Postal address: kv. Tcholakovtci, Industrial Zone “Dalga
Laka”
Zip code+city 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mr. Aleksei D. Kunchev
Job title: Executive Director
Telephone number: +359 62 620 277; +359 62 625 967
Fax number: +359 62 622 218
E-mail: dvt-vt@vali.bg
Date of registration Company case N° 3848/1991
Veliko Tarnovo District Court

- 1.1.4. Company name:** “Petrov tekstil” Ltd.
Address: kv. Tcholakovtci, Industrial Zone “Dalga Laka”
Zip code+city: 5000 Veliko Tarnovo
Postal address: kv. Tcholakovtci, Industrial Zone “Dalga Laka”
Zip code+city: 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mr. Valentin H. Petrov
Job title: Executive Director
Telephone number: +359 62 622 022; +359 88 519 361
Fax number: +359 62 600 437
Date of registration: Company case N° 617/2002
Veliko Tarnovo District Court
- 1.1.5. Company name:** “Vinprom” AD
Address: kv. Tcholakovtci, Industrial Zone “Dalga Laka”
Zip code+city: 5000 Veliko Tarnovo
Postal address: P.O.Box 245
Zip code+city: 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mrs. Marusia N. Iordanova
Job title: Executive Director
Telephone number: +359 62 621 339
Fax number: +359 48 949 141
Date of registration: Company case N° 990/1996
Veliko Tarnovo District Court
- 1.1.6. Company name:** “ELMOT” AD
Address: 73, Nikola Gabrovski str.
Zip code+city: 5000 Veliko Tarnovo
Postal address: 73, Nikola Gabrovski str.
Zip code+city: 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mrs. Elisaveta D. Nikolova
Job title: Executive Director
Telephone number: +359 62 42845; +359 88 425268
Fax number: +359 62 44 861
E-mail: elmot1@vt.bia-bg.com
Date of registration: Company case N° 924/1996
Veliko Tarnovo District Court

- 1.1.7. Company name:** “Momina krepost” AD
Address: 23, Magistralna str.
Zip code+city 5000 Veliko Tarnovo
Postal address: 23, Magistralna str.
Zip code+city 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mr. Rumian P. Tzonev
Job title: Executive Director
Telephone number: +359 62 621 504; +359 88 227 163
Fax number: +359 62 621504
E-mail: mkrepost@mtel.net
Date of registration: Company case N° 3426/1991
Veliko Tarnovo District Court
- 1.1.8. Company name:** “PRL BG” Ltd. - Sofia
Address: 23, Magistralna str.
Zip code+city 5000 Veliko Tarnovo
Postal address: kv. Lulin, blok 464
Zip code+city 1000 Sofia
Country: Republic of Bulgaria
Contact person: Mr. Plamen G. Tchakurov
Job title: Manager
Telephone number: +359 62 640 033; +359 87 687192
Fax number: +359 62 630414
E-mail: prl_bg@mail.bg
Date of registration: Company case N° 1809/2002
Sofia District Court
- 1.1.9. Company name:** “Terna - 1923” AD
Address: 71, Nikola Gabrovski str.
Zip code+city 5000 Veliko Tarnovo
Postal address: 71, Nikola Gabrovski str.
Zip code+city 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mr. Ivan Atanasov
Job title: Executive Director
Telephone number: +359 62 41977; +359 62 42811
Fax number: +359 62 42811
Date of registration: Company case N° 948/1996
Veliko Tarnovo District Court
- 1.1.10. Company name:** “Systemy za teleobrabotka & mrejy” AD
Address: 32, San Stefano str.
Zip code+city 5000 Veliko Tarnovo
Postal address: 32, San Stefano str.
Zip code+city 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mr. Slavcho Nikolov
Job title: Executive Director
Telephone number: +359 62 41871
Fax number: +359 62 645935
E-mail: stn@vt.bia-bg.com
Date of registration: Company case N° 66/1996
Veliko Tarnovo District Court

- 1.1.11. Company name:** “Terem” EAD – Veliko Tarnovo
Address: 32, San Stefano str.
Zip code+city: 5000 Veliko Tarnovo
Postal address: 32, San Stefano str.
Zip code+city: 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mr. Stanislav Rashkov
Job title: Executive Director
Telephone number: +359 62 600 796, +359 62 621626
Fax number: +359 62 623 527
E-mail: terem_vt@vail.bg
Date of registration: Company case N° 1376/1998
Veliko Tarnovo District Court
- 1.1.12. Company name:** “Bitava elektronika” AD
Address: kv. Tcholakovcy
Zip code+city: 5000 Veliko Tarnovo
Postal address: kv. Tcholakovcy
Zip code+city: 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mr. Ognian Kostadinov
Job title: Executive Director
Telephone number: +359 62 601 845
Fax number: +359 62 601868
E-mail: office@bitova-electronika.com
Date of registration: Company case N° 3388/1991
Veliko Tarnovo District Court
- 1.1.13. Company name:** “Pobeda BV” AD
Address: 3, Magistralna str.
Zip code+city: 5000 Veliko Tarnovo
Postal address: 3, Magistralna str.
Zip code+city: 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mr. T. Bijev
Job title: Executive Director
Telephone number: +359 62 635 892
Fax number: +359 62 635 892
Date of registration: Company case N° 3550/91
Veliko Tarnovo District Court
- 1.1.14. Company name:** “Nova Teks” Ltd.
Address: kv. Tcholakovtsi
Zip code+city: 5000 Veliko Tarnovo
Postal address: kv. Tcholakovtsi
Zip code+city: 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mr. Miroslav Minchev
Job title: Executive Director
Telephone number: +359 62 22562
Date of registration: Company case N° 878/2000
Veliko Tarnovo District Court

1.1.15. Company name: “Sprink” Ltd.
Address: Industrial Zone “Dalga Laka”
Zip code+city: 5000 Veliko Tarnovo
Postal address: Industrial Zone “Dalga Laka”
Zip code+city: 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mr. Mladen K. Milkov
Job title: Manager
Telephone number: +359 62 620 281, +359 62 262 8211
Fax number: +359 62 30616
E-mail: sprinu_eood@mobikom.com
Date of registration: Company case N° 775/1997
Veliko Tarnovo District Court

1.2. Public and administrative end users in Veliko Tarnovo

- 1.2.1. Company name:** **Municipality of Veliko Tarnovo**
Address: 2, Maika Bulgaria sq.
Zip code+city: 5000 Veliko Tarnovo
Postal address: 2, Maika Bulgaria sq.
Zip code+city: 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mr. Rumen Rashev
Job title: Mayor
Telephone number: +359 62 619-304
Fax number: +359 62 2-79-97
E-mail: mayorvt@vt.bia-bg.com
- 1.2.2. Company name:** **Grand Hotel Veliko Tarnovo**
Address: 2, Alexander Penchev str.
Zip code+city: 5000 Veliko Tarnovo
Postal address: 2, Alexander Penchev str.
Zip code+city: 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mrs. Nedialka Genkova
Job title: Manager
Telephone number: +359 62 601 000, +359 62 62595
Fax number: +359 62 639859
E-mail: ihotels@vt.bia-bg.com
- 1.2.3. Company name:** **Hotel Stadion, Ring plus S.V. Ltd.**
Address: 14, Todor Balina str.
Zip code+city: 5000 Veliko Tarnovo
Postal address: 14, Todor Balina str.
Zip code+city: 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mr. Mladen Karpachev
Job title: Manager
Telephone number: +359 62 620 324, +359 48 811 247
- 1.2.4. Company name:** **Veliko Turnovo University "St. Cyril and St. Methodius".**
Address: 2, Teodosi Turnovski str.
Zip code+city: 5000 Veliko Tarnovo
Postal address: 2, Teodosi Turnovski str.
Zip code+city: 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mr. Ivan Ivanov
Job title: Rector
Telephone number: +359 62 620568, +359 62 618386
e-mail: mbox@uni-vt.bg

1.2.5. Company name: **Natural and mathematics high school**
Address: 10, Vela Blagoeva str.
Zip code+city: 5000 Veliko Tarnovo
Postal address: 10, Vela Blagoeva str.
Zip code+city: 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mr. Petar Jurov
Job title: Director
Telephone number: +359 62 20274
Fax number: +359 62 25909

1.2.6. Company name: **Foreign Language high school “Prof. Asen Zlatarov”**
Address: 2, Slavianska str.
Zip code+city: 5000 Veliko Tarnovo
Postal address: 2, Slavianska str.
Zip code+city: 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mrs. Evdokia Buroklieva
Job title: Director
Telephone number: +359 62 46997
Fax number: +359 62 46889

1.2.7. Company name: **Humanitarian high school “St. St. Kiril i Methodii”**
Address: 2, Mihail Kefalov str.
Zip code+city: 5000 Veliko Tarnovo
Postal address: 2, Mihail Kefalov str.
Zip code+city: 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mr. Milko Donev
Job title: Director
Telephone number: +359 62 29694, +359 62 21181

1.2.8. Company name: **Primary school "Dimitar Blagoev".**
Address: 1A, Hristo Smirnenski str.
Zip code+city: 5000 Veliko Tarnovo
Postal address: 1A, Hristo Smirnenski str.
Zip code+city: 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mrs. Siika Rashkova
Job title: Director
Telephone number: +359 62 20352, +359 62 35994

1.2.9. Company name: **Primary school "Petko R. Slaveikov"**
Address: 29, Osvobojdenie str.
Zip code+city: 5000 Veliko Tarnovo
Postal address: 29, Osvobojdenie str.
Zip code+city: 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mrs. Iordanka Deneva
Job title: Director
Telephone number: +359 62 24470, +359 62 21442

- 1.2.10. Company name:** **Primary school "Hristo Botev"**
Address: 2, Mihail Kafelov str.
Zip code+city 5000 Veliko Tarnovo
Postal address: 2, Mihail Kafelov str.
Zip code+city 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mr. Petar Petrovski
Job title: Director
Telephone number: +359 62 29894, +359 62 38922
- 1.2.11. Company name:** **Secondary school "Vladimir Komarov"**
Address: 9, Biala Bona str.
Zip code+city 5000 Veliko Tarnovo
Postal address: 9, Biala Bona str.
Zip code+city 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mr. Veselin Angelichev
Job title: Director
Telephone number: +359 62 44974, +359 62 44935
- 1.2.12. Company name:** **Primary school "St. Patriarh Evtimii"**
Address: 13, Marmarliiska str.
Zip code+city 5000 Veliko Tarnovo
Postal address: 13, Marmarliiska str.
Zip code+city 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mr. Hristo Hristov
Job title: Director
Telephone number: +359 62 21951, +359 62 31613
- 1.2.13. Company name:** **Kindergarten "Slance"**
Address: 47, Luben Karavelov str.
Zip code+city 5000 Veliko Tarnovo
Postal address: 47, Luben Karavelov str.
Zip code+city 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mrs. Anka Georgieva
Job title: Director
Telephone number: +359 62 24107
- 1.2.14. Company name:** **Kindergarten "Zdravec"**
Address: 22, Stara Planina str.
Zip code+city 5000 Veliko Tarnovo
Postal address: 22, Stara Planina str.
Zip code+city 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mrs. Stefka Penchovska
Job title: Director
Telephone number: +359 62 24551

- 1.2.14. Company name:** **Kindergarten "Raina Kniaginia"**
Address: 3, Maria Gabrovska str.
Zip code+city: 5000 Veliko Tarnovo
Postal address: 3, Maria Gabrovska str.
Zip code+city: 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mrs. Stefka Todorova
Job title: Director
Telephone number: +359 62 648947
- 1.2.15. Company name:** **Kindergarten "Evgenia Kisimova"**
Address: 31, Osvobojudenie str.
Zip code+city: 5000 Veliko Tarnovo
Postal address: 31, Osvobojudenie str.
Zip code+city: 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mrs. Albena Nikolova
Job title: Director
Telephone number: +359 62 33989
- 1.2.16. Company name:** **Kindergarten "Ivanka Boteva"**
Address: 7, Maria Gabrovska str.
Zip code+city: 5000 Veliko Tarnovo
Postal address: 7, Maria Gabrovska str.
Zip code+city: 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mrs. Iordanka Velikova
Job title: Director
Telephone number: +359 62 48948
- 1.2.17. Company name:** **Kindergarten "St. Kiril i Methodii"**
Address: 24, Dimitar Naidenov str.
Zip code+city: 5000 Veliko Tarnovo
Postal address: 24, Dimitar Naidenov str.
Zip code+city: 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mrs. Daniela Todorova
Job title: Director
Telephone number: +359 62 33934
- 1.2.18. Company name:** **Kindergarten "Sonia"**
Address: 9, Momina Krepost str.
Zip code+city: 5000 Veliko Tarnovo
Postal address: 9, Momina Krepost str.
Zip code+city: 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mrs. Rositca Kalcheva
Job title: Director
Telephone number: +359 62 644840

- 1.2.19. Company name:** **Kindergarten "Rada Voivoda"**
Address: 11, Rada Voivoda str.
Zip code+city 5000 Veliko Tarnovo
Postal address: 11, Rada Voivoda str.
Zip code+city 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mrs. Dimitrinka Dimitrova
Job title: Director
Telephone number: +359 62 40876
- 1.2.20. Company name:** **Station "South"**
Address: South road and railway station
Zip code+city 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Telephone number: +359 62 20012, +359 62 20013, +359 62 20014
- 1.2.21. Company name:** **Kindergarten "Ivailo"**
Address: 1, Vejen str.
Zip code+city 5000 Veliko Tarnovo
Postal address: 1, Vejen str.
Zip code+city 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mrs. Stoianka Ivanova
Job title: Director
Telephone number: +359 62 33822

2. End users in Gorna Oryahovitsa

2.1. Industrial enterprises in Gorna Oryahovitsa

- 2.1.1. Company name:** “GP Traktsya” EAD
Address: 46, Saedinenie str.
Zip code+city: 5100 Gorna Oryahovitsa
Postal address: 46, Saedinenie str.
Zip code+city: 5100 Gorna Oryahovitsa
Country: Republic of Bulgaria
Contact person: Mr. Todor Dontchev
Job title: Executive director
Telephone number: +359 618 64 781, +359 48 942 155
Fax number: +359 618 64 778
E-mail: lokdepo@bbf.bg
Date of registration: Company case N° 1320/1991
Veliko Tarnovo District Court
- 2.1.2. Company name:** “Slavianka” EAD
Address: 1, Rodopy str.
Zip code+city: 5100 Gorna Oryahovitsa
Postal address: 1, Rodopy str.
Zip code+city: 5100 Gorna Oryahovitsa
Country: Republic of Bulgaria
Contact person: Mrs. Hristinka Dimitrova
Job title: Executive director
Telephone number: +359 618 60 323, +359 48 972 934
Fax number: +359 618 60 018
E-mail: slavjanka@gelesoft.com
Date of registration: Company case N° 1180/2000
Veliko Tarnovo District Court
- 2.1.3. Company name:** “Den I nosht” Ltd.
Address: 7, Luliak str.
Zip code+city: 5100 Gorna Oryahovitsa
Postal address: 7, Luliak str.
Zip code+city: 5100 Gorna Oryahovitsa
Country: Republic of Bulgaria
Contact person: Mr. Danail K. Iolov
Job title: Manager
Telephone number: +359 88 926 657
Fax number: +359 618 60 433, +359 618 620015
Date of registration: Company case N° 1638/1998
Veliko Tarnovo District Court

- 2.1.4. Company name:** “Zaharni Zavodi” AD
Address: 29, Sv. Kniaz Boris I str.
Zip code+city: 5100 Gorna Oryahovitsa
Postal address: 29, Sv. Kniaz Boris I str.
Zip code+city: 5100 Gorna Oryahovitsa
Country: Republic of Bulgaria
Contact person: Mr. Rumen M. Ivanov
Job title: Executive director
Telephone number: +359 618 40101, +359 618 41610
Fax number: +359 618 41709
E-mail: zzavod@gelesoft.com
Date of registration: Company case N° 1200/1996
Veliko Tarnovo District Court
- 2.1.5. Company name:** “Stefmark – Stefan Markov” ET
Address: 86, Sv. Kniaz Boris I str.
Zip code+city: 5100 Gorna Oryahovitsa
Postal address: 21, Kiril i Metodii str.
Zip code+city: 5140 Laskovets
Country: Republic of Bulgaria
Contact person: Mr. Stefan L. Markov
Job title: Manager
Telephone number: +359 618 60673, +359 87 967813
Fax number: +359 618 60 018
E-mail: slavjanka@gelesoft.com
Date of registration: Company case N° 1083/1991
Veliko Tarnovo District Court
- 2.1.6. Company name:** “Betonstroj” EOOD
Address: 68, Makedonia str.
Zip code+city: 5100 Gorna Oryahovitsa
Postal address: 68, Makedonia str.
Zip code+city: 5100 Gorna Oryahovitsa
Country: Republic of Bulgaria
Contact person: Mr. Marin Ginchev
Job title: Manager
Telephone number: +359 618 60271, +359 618 60270
Fax number: +359 618 60614
E-mail: betonstr@go-link.net
Date of registration: Company case N° 2262/1995
Veliko Tarnovo District Court
- 2.1.7. Company name:** “Skladova tehnik” AD
Position in the project: End consumer of natural gas
Zip code+city: 5100 Gorna Oryahovitsa
Country: Republic of Bulgaria
Contact person: Mr. Ivan P. Stoianov
Job title: Executive director

2.2. Public and administrative end users in Gorna Oryahovitsa

- 2.2.1. Company name:** **Municipality of Gorna Oryahovitsa**
Address: 5, Georgy Izmirliiev str.
Zip code+city: 5100 Gorna Oryahovitsa
Postal address: 5, Georgy Izmirliiev str.
Zip code+city: 5100 Gorna Oryahovitsa
Country: Republic of Bulgaria
Contact person: Mr. Nikola Kolev
Job title: Mayor
Telephone number: +359 618 400 60
Fax number: +359 618 422 03
E-mail: mayor_go@gelesoft.com
- 2.2.2. Company name:** **First Secondary School “G. Izmerliev”**
Address: 17, Angel Kanchev str.
Zip code+city: 5100 Gorna Oryahovitsa
Postal address: 17, Angel Kanchev str.
Zip code+city: 5100 Gorna Oryahovitsa
Country: Republic of Bulgaria
Contact person: Mrs. Mariana Panchalieva
Job title: Director
Telephone number: +359 618 401 44, +359 618 301 86
Fax number: +359 618 4 01 44
E-mail: gim@mbox.infotel.bg
- 2.2.3. Company name:** **Secondary School “Vicho Gruncharov”**
Address: 6, Tsar Osvoboditel str.
Zip code+city: 5100 Gorna Oryahovitsa
Postal address: 6, Tsar Osvoboditel str.
Zip code+city: 5100 Gorna Oryahovitsa
Country: Republic of Bulgaria
Contact person: Mr. Milcho Savov
Job title: Director
Telephone number: +359 618 40514, +359 618 45357
- 2.2.4. Company name:** **Primary School “Hristo Botev”**
Address: 89, Anton Strashimirov str.
Zip code+city: 5100 Gorna Oryahovitsa
Postal address: 89, Anton Strashimirov str.
Zip code+city: 5100 Gorna Oryahovitsa
Country: Republic of Bulgaria
Contact person: Mr. Nikolai Nanev
Job title: Director
Telephone number: +359 618 56346

- 2.2.5. Company name:** **Third Primary School “St. Kiril i Methodii”**
Address: 50, Vasil Aprilov str.
Zip code+city: 5100 Gorna Oryahovitsa
Postal address: 50, Vasil Aprilov str.
Zip code+city: 5100 Gorna Oryahovitsa
Country: Republic of Bulgaria
Contact person: Mr. Hopi Garabedian
Job title: Director
Telephone number: +359 618 41059
- 2.2.6. Company name:** **Primary School “Paisii Hilendarski”**
Address: 21, Saedinenie str.
Zip code+city: 5100 Gorna Oryahovitsa
Postal address: 21, Saedinenie str.
Zip code+city: 5100 Gorna Oryahovitsa
Country: Republic of Bulgaria
Contact person: Mr. Svetozar Kojuharov
Job title: Director
Telephone number: +359 618 56251, +359 618 57271
- 2.2.7. Company name:** **First Primary School “Ivan Vazov”**
Address: 40, Ivan Vazov str.
Zip code+city: 5100 Gorna Oryahovitsa
Postal address: 40, Ivan Vazov str.
Zip code+city: 5100 Gorna Oryahovitsa
Country: Republic of Bulgaria
Contact person: Mr. Vladimir Sabev
Job title: Director
Telephone number: +359 618 40410, +359 618 43515
- 2.2.8. Company name:** **Technical School “M.V. Lomonosov”**
Address: 31, Nikola Petrov str.
Zip code+city: 5100 Gorna Oryahovitsa
Postal address: 31, Nikola Petrov str.
Zip code+city: 5100 Gorna Oryahovitsa
Country: Republic of Bulgaria
Contact person: Mr. Dimitar Ionov
Job title: Director
Telephone number: +359 618 40023, +359 618 40457
Fax: +359 618 40023
E-mail: tet-mvl@gelesoft.com
- 2.2.9. Company name:** **TLPI “Atanas Burov”**
Address: 25, Kniaz Boris I str.
Zip code+city: 5100 Gorna Oryahovitsa
Postal address: 25, Kniaz Boris I str.
Zip code+city: 5100 Gorna Oryahovitsa
Country: Republic of Bulgaria
Contact person: Mr. Ilia Stefanov
Job title: Director
Telephone number: +359 618 6 02 63 , +359 618 6 02 58

- 2.2.10. Company name:** **Kindergarten “Prolet”**
Address: 15, Drujba str.
Zip code+city: 5100 Gorna Oryahovitsa
Postal address: 15, Drujba str.
Zip code+city: 5100 Gorna Oryahovitsa
Country: Republic of Bulgaria
Contact person: Mrs. Elka Grozeva
Job title: Director
Telephone number: +359 618 48011
- 2.2.11. Company name:** **Kindergarten “Bodra Smiana”**
Address: 20, Bunar Hisar str.
Zip code+city: 5100 Gorna Oryahovitsa
Postal address: 20, Bunar Hisar str.
Zip code+city: 5100 Gorna Oryahovitsa
Country: Republic of Bulgaria
Contact person: Mrs. Iordanka Staneva
Job title: Director
Telephone number: +359 618 49106
- 2.2.12. Company name:** **Kindergarten “Bojur”**
Address: 17, Ilarion Makriopolski str.
Zip code+city: 5100 Gorna Oryahovitsa
Postal address: 17, Ilarion Makriopolski str.
Zip code+city: 5100 Gorna Oryahovitsa
Country: Republic of Bulgaria
Contact person: Mrs. Todorka Dobрева
Job title: Director
Telephone number: +359 618 56270, +359 618 56382
- 2.2.13. Company name:** **Kindergarten “Detski Sviat”**
Address: 6, Pirin str.
Zip code+city: 5100 Gorna Oryahovitsa
Postal address: 6, Pirin str.
Zip code+city: 5100 Gorna Oryahovitsa
Country: Republic of Bulgaria
Contact person: Mrs. Maria Valkova
Job title: Director
Telephone number: +359 618 56332
- 2.2.14. Company name:** **Kindergarten “Elena Gruncharova”**
Address: 11, Rahovets str.
Zip code+city: 5100 Gorna Oryahovitsa
Postal address: 11, Rahovets str.
Zip code+city: 5100 Gorna Oryahovitsa
Country: Republic of Bulgaria
Contact person: Mrs. Iordanka Kasabova
Job title: Director
Telephone number: +359 618 43545

- 2.2.15. Company name:** **Kindergarten “Zdravets”**
Address: 1, Alexander Stamboliisky str.
Zip code+city 5100 Gorna Oryahovitsa
Postal address: 1, Alexander Stamboliisky str.
Zip code+city 5100 Gorna Oryahovitsa
Country: Republic of Bulgaria
Contact person: Mrs. Diana Peneva
Job title: Director
Telephone number: +359 618 41601
- 2.2.15. Company name:** **Kindergarten “Alen Mak”**
Address: 36, Angel Kanchev str.
Zip code+city 5100 Gorna Oryahovitsa
Postal address: 36, Angel Kanchev str.
Zip code+city 5100 Gorna Oryahovitsa
Country: Republic of Bulgaria
Contact person: Mrs. Snejana Dencheva
Job title: Director
Telephone number: +359 618 43435
- 2.2.16. Company name:** **Municipality hospital “St. Ivan Rilski”**
Address: 72, Otets Paisii str.
Zip code+city 5100 Gorna Oryahovitsa
Postal address: 72, Otets Paisii str.
Zip code+city 5100 Gorna Oryahovitsa
Country: Republic of Bulgaria
Contact person: Mr. Mirolub Koguharov
Job title: Director
Telephone number: +359 618 41701

3. End users in Lyaskovets

3.1. Industrial enterprises in Lyaskovets

- 3.1.1. Company name:** “**Vinarna Lyaskovets 1934**” AD
Address: 28, Maksim Raikovich str.
Zip code+city: 5140 Lyaskovets
Postal address: 28, Maksim Raikovich str.
Zip code+city: 5140 Lyaskovets
Country: Republic of Bulgaria
Contact person: Mr. Ivan D. Vilchev
Job title: Executive director
Telephone number: +359 619 22022
Fax number: +359 619 24836
Date of registration: Company case N° 1370/1996
Veliko Tarnovo District Court
- 3.1.2. Company name:** “**Arkus**” AD
Address: 219, Vasil Levski str.
Zip code+city: 5140 Lyaskovets
Postal address: 219, Vasil Levski str.
Zip code+city: 5140 Lyaskovets
Country: Republic of Bulgaria
Contact person: Mr. Banko Bankov
Job title: Executive director
Telephone number: +359 619 22022
Fax number: +359 619 24836
E-mail: marketing@arcus-bg.com
Date of registration: Company case N° 3520/1991
Veliko Tarnovo District Court
- 3.1.3. Company name:** “**FMA**” AD
Address: 32, Maksim Raikovich str.
Zip code+city: 5140 Lyaskovets
Postal address: 4, Shipka str.
Zip code+city: 5000 Veliko Tarnovo
Country: Republic of Bulgaria
Contact person: Mr. Kiril M. Kitov
Job title: Executive director
Telephone number: +359 619 22157, +359 619 22 186
Fax number: +359 619 22186
Date of registration: Company case N° 422/1996
Veliko Tarnovo District Court

3.2. Public and administrative end users in Lyaskovets

- 3.2.1. Company name:** Municipality of Lyaskovets
Address: 1, Vazrajidane sq.
Zip code+city: 5140 Lyaskovets
Postal address: 1, Vazrajidane sq.
Zip code+city: 5140 Lyaskovets
Country: Republic of Bulgaria
Contact person: Mrs. Ivelina Haralambieva Getsova
Job title: Mayor
Telephone number: +359 619 220 55
Fax number: +359 619 220 45
E-mail: obshtina@lyaskovets.com
- 3.2.2. Company name:** Secondary School “M. Raikovich”
Address: 1, Manastirska str.
Zip code+city: 5140 Lyaskovets
Postal address: 1, Manastirska str.
Zip code+city: 5140 Lyaskovets
Country: Republic of Bulgaria
Contact person: Mr. Nikolai Kojuharov
Job title: Director
Telephone number: +359 619 2095
- 3.2.3. Company name:** Elementary School “N. Kozlev”
Address: 76, Nikola Kozlev str.
Zip code+city: 5140 Lyaskovets
Postal address: 76, Nikola Kozlev str.
Zip code+city: 5140 Lyaskovets
Country: Republic of Bulgaria
Contact person: Mrs. Petia Razgradlieva
Job title: Director
Telephone number: +359 619 3150
- 3.2.4. Company name:** Elementary School “Tcani Ginchev”
Address: 1, Petar Odjakov str.
Zip code+city: 5140 Lyaskovets
Postal address: 1, Petar Odjakov str.
Zip code+city: 5140 Lyaskovets
Country: Republic of Bulgaria
Contact person: Mrs. Nedka Pavlova
Job title: Director
Telephone number: +359 619 12438
- 3.2.5. Company name:** Kindergarten “Radost”
Address: 158, Vasil Levski str.
Zip code+city: 5140 Lyaskovets
Postal address: 158, Vasil Levski str.
Zip code+city: 5140 Lyaskovets
Country: Republic of Bulgaria
Contact person: Mrs. Ivanka Jurova
Job title: Director
Telephone number: +359 619 3029

- 3.2.6. Company name:** **Kindergarten “Pchelitza”**
Address: 18, Busludga str.
Zip code+city 5140 Lyaskovets
Postal address: 18, Busludga str.
Zip code+city 5140 Lyaskovets
Country: Republic of Bulgaria
Contact person: Mrs. Stefka Traikova
Job title: Director
Telephone number: +359 619 22066
- 3.2.7. Company name:** **Kindergarten “Slaveiche”**
Address: 3, Dobrinka Kamburova str.
Zip code+city 5140 Lyaskovets
Postal address: 3, Dobrinka Kamburova str.
Zip code+city 5140 Lyaskovets
Country: Republic of Bulgaria
Contact person: Mrs. Tamara Balkova
Job title: Director
Telephone number: +359 619 23161
- 3.2.8. Company name:** **Community centre “Napredak”**
Address: 2, Vazragdane sq.
Zip code+city 5140 Lyaskovets
Postal address: 2, Vazragdane sq.
Zip code+city 5140 Lyaskovets
Country: Republic of Bulgaria
Contact person: Mr. Ivan Abadjiev
Job title: Director
Telephone number: +359 619 22394
- 3.2.9. Company name:** **Bank “DSK”**
Address: 2, Vasil Levski str.
Zip code+city 5140 Lyaskovets
Postal address: 2, Vasil Levski str.
Zip code+city 5140 Lyaskovets
Country: Republic of Bulgaria
Contact person: Mrs. Jivka Chervendoncheva
Job title: Director
Telephone number: +359 619 22020
- 3.2.10. Company name:** **VK “Pchela”**
Address: 3, Vazragdane sq.
Zip code+city 5140 Lyaskovets
Contact person: Mr. Lazar Dervishev
Job title: Director
Telephone number: +359 619 3059
- 3.2.11. Company name:** **Kindergarten “Mir”**
Address: 9 A, D-r Ivan Kasabov str.
Zip code+city 5140 Lyaskovets
Postal address: 9 A, D-r Ivan Kasabov str.
Zip code+city 5140 Lyaskovets
Country: Republic of Bulgaria
Contact person: Mrs. Neviana Kosleva
Job title: Director
Telephone number: +359 619 2102

Prices of energy sources

<i>Prices</i>	<i>2002</i>	<i>2003</i>	<i>2004</i>	<i>2005</i>	<i>2006 - 2012</i>
Fuel oil price with VAT, EUR/kWh	0,0258	0,0242	0,0242	0,0242	0,0242
Industrial gas oil price with VAT, EUR/kWh	0,0458	0,0430	0,0430	0,0430	0,0430
Price of electricity for household needs with VAT, EUR/kWh	0,4950	0,0545	0,0599	0,0659	0,0659
Heating energy price with VAT, EUR/kWh	0,0205	0,0236	0,0271	0,0312	0,0312
Natural gas price at AGRS without VAT, EUR/1000 m ³	123,57	122	122	122	122
Price of natural gas transportation by gas distribution network without VAT, EUR/1000 m ³					
Industrial users			23	23	23
Public and administrative users			84	84	84
Household users			115	115	115
Price of natural gas sold by "Rahovetsgas 96" AD with VAT, EUR/1000 m ³					
Industrial users			174	174	174
Public and administrative users			248	248	248
Household users			284	284	284
Price of natural gas sold by "Rahovetsgas 96" AD with VAT, EUR/kWh					
Industrial users			0,0187	0,0187	0,0187
Public and administrative users			0,0266	0,0266	0,0266
Household users			0,0306	0,0306	0,0306

VAT – value added tax

**Statistical data for the population of Veliko Tarnovo,
Gorna Oryahovitsa and Lyaskovets**

Explanatory variables for Veliko Tarnovo District
(covering 10 municipalities, including Municipalities of Veliko Tarnovo, Gorna Oryahovitsa and Lyaskovets)

District	IHD ranking (1-28 districts)	Turkish population (%)	Roma (%)	Internal migration per 1000 people	Expenses LTA per capita (USD)	Number of companies per 1000 people	DFI per capita (in USD)	Unemployment (%)
Veliko Tarnovo	8	7.7	2.1	- 1.0	145	29.1	63.6	17.0

/Index of Human Development Report, 2002, UNDP /

IHD – Index of human development

LTA – Longterm tangible assets

DFI – Direct foreign investments

IHD of the municipalities in Veliko Tarnovo District

Municipality	Unemployment (%)	Annual cash income per capita EURO ¹	GDP index	GDP rang (1-262 municipalities)	IHD	IHD ranking of the community in the district	IHD level of the community in the district
Veliko Tarnovo	16.00	1 235	0.742	22	0.834	1	High
Gorna Oryahovitsa	17.55	1 333	0.601	159	0.782	4	Average
Lyaskovets	16.66	1 207	0.547	227	0.751	10	Low
<i>Average for the three municipalities</i>	<i>16.74</i>	<i>1 258</i>	<i>0.630</i>		<i>0.789</i>		

GDP – Gross domestic product

¹ Source: Municipal information, December 2002.

***Installation capacities – type of boilers and equipment of the industrial
and the public-administrative end users***

<i>Nº</i>	<i>Name of end user</i>	<i>Type of boilers and other equipment</i>	<i>Units</i>
	Veliko Tarnovo – Industrial sector		
1	“Toplofikatsia VT “ EAD – Heating Plant	VK 50 KM 12 BER4	2 2 1
2	“Toplofikatsia VT “ EAD – Heating plant 2	KM 12 EKM 12 PKM 4	1 1 1
3	“STM” AD	KM 4	2
4	“Bitova elektronika” AD	GNV 1000 KTM 7.5	3 1
5	“Darvoobrabotvane – VT” AD	KM 12 KL 4 BAI HG 2500 SBW 3	3 1 1 1
6	“ELMOT” AD	Plam 650 GNV 1000 Boiler 100 kWt	1 1 1
7	“MSD” EOOD	PKM 4	2
8	“Vinprom” AD	PKM 4 PKM 2.5	1 1
9	“Hleboproizvodstvo I sladkarstvo” OOD	Plam 250 PKM 1 PKM 2.5 PRESS 3N	2 1 1 2
10	“Sprink” EOOD	PKM 4	2
11	“Terem” EAD	KM 4 KM 12	3 1
12	“P R L BG” EOOD	PKM 4	4
13	“Momina krepost” AD	KVN 1	2
14	“Nova – Teks” EOOD	Boiler 1 Gkall/h	1
15	Master steel profiles		
16	“Sintesia” AD	Boiler G 60 kWt	1
17	“Petrov tekstil” OOD	boiler 1000 kg/h	1
18	“Agrima” AD	PKM 4	2
19	“Pobeda VT” AD	PKM 4	1
20	“Bolyarka VT” AD	KM 12 PKM 12	2 1
21	“NF TERNA – 1923” AD	PKM 4	2
22	“Arbanasi” AD	PKM 4	2

	<i>Name of end user</i>	<i>Type of boilers and other equipment</i>	<i>Units</i>
	Veliko Tarnovo – Public and administrative sector		
1	"V end K"	GNV 650	1
2	"Elektrosnabdyavane"	Plam 250	1
3	VTU "Sv. Sv. Kiril i Metodii"	PKM 4 VKGM 4	2 1
4	Bank DSK	Shrebel	1
5	Ezikova gimnazia " As. Zlatarov"	GNV 550	1
6	Ikonomicheski tehnikum	GNV 350	1
7	Inter hotel Veliko Tyrnovo	Plam 550	5
8	KAT	GNV 550	2
9	Kombinat za usluzi	Plam 250	1
10	MVR	GNV 550	2
11	ODZ "Kiril i Metodii" Kindergarten	GNV 350	1
12	ODZ "Prolet" Kindergarten	Plam 150	1
13	OU "D. Blagoev"	Plam 350	1
14	OU "P Evtimii"	GNV 350	1
15	OU "Slaveikov"	GNV 550	1
16	OU "Hr. Botev"	GNV 550	1
17	PMG "V Drumev"	Plam 350	1
18	Proektanska organizaciq	Plam 250	1
19	Pytni stroeji	GNV 650	1
20	SOU "Komarov"	GNV 550	1
21	TOH	GNV 350	1
22	ORB "Cherkazov – filial"		
23	DMT "Konstantin Kisimov"		
24	Profsausen dom		
25	Gradska poliklinika		
26	HG "Kiril i Metodii"	GNV 550	1
27	Hotel "Yantra"	Plam 250	2
28	CDG "E Kisimova" Kindergarten	Plam 350	1
29	CDG "Zdravec" Kindergarten	Plam 350	1
30	CDG "Ivajlo" Kindergarten	GNV 350	1
31	CDG "P. Trumbev" Kindergarten	Plam 350	1
32	CDG "R Knyaginya" Kindergarten	GNV 350	1
33	CDG "Slance" Kindergarten	Plam 550	1

<i>№</i>	<i>Name of end user</i>	<i>Type of boilers and other equipment</i>	<i>Units</i>
	Gorna Oryahovica – Industrial sector		
1	"Zaharni zavodi" AD	BKZ 75 - 39 PK 35 - 39 KM 12	3 1 1
2	"Betonstroi" EOOD /Bojur Mateko/	KM 12 KM 6.5 RBL 38 NS 21 Boiler 800 kWt	3 1 1 1 3
3	"Blagostroitel" OOD	Plam 250	1
4	"Rekord" OOD	PKM 4	1
5	"Slavyanka" EOOD	PKM 1000 OMP 1000	1 1
6	"Yantra transport" OOD	Plam 1000 Plam 150	1 1
7	"Tih trud" OOD	PKM 2.5 PKM 4 PKM 6.5	1 1 1
8	"Himsnab 5100" EAD	KM 4	2
9	"Rozahim" EOOD	PKM 4	1
10	"Miziya" AD	brick kiln	4
11	"Apolon" OOD	LOOS	1
12	"Kaolin" AD		1
13	Transformatorna rabotilnica		
14	Lokomotivno depo	KM 12	2
15	Gara razpredelitelna	GNV 1000	1
16	Energo sekcia	GNV 550	1
17	"Mihov" ET		
18	"Stefmark" ET		
19	"Den I nosht" - OOD	Boiler 460 kWt Equipment	1 1
20	TPK "Zrinov"		
21	Opitna stanciya		
22	NEC EAD – "Elektrosnabdyawane" AD	Plam 250 Plam 550	1 2
23	Skladova tehnika osnovna ploshtadka	KM 12 PKM 4 Furnace Equipment I Equipment II	2 1 1 1 1
24	Skladova tehnika -WPM	PKM 4 PKM 2.5	1 1

<i>№</i>	<i>Name of end user</i>	<i>Type of boilers and other equipment</i>	<i>Units</i>
	Gorna Oryahovitsa - Public and administrative sector		
1	”Metalsnab”- adm. Sgrada	Plam 550 GNV 650	1 2
2	DZI	PKR 2	2
3	VP 58050	PKM 4 PKM 12	1 1
4	BankDSK	GNV 550	1
5	ESPU	GNP 250 GNP 350 GNP 550	1 2 1
6	GUM	Plam 350 KP 1	1 1
7	Raionna stanciya na saobshteniyata	GNV 650	1
8	I - Osnovno uchilishte	Plam 550	1
9	Obshtina Gorna Oryahovitsa	KVN 1	1
10	Obshtinska bolnica	PKM 4	2
11	II Osnovno uchilishte	Plam 350	2
12	III Osnovno uchilishte	PLam 350	2
13	OU gara G. Oryahovica	Plam 350	1
14	OU kv.” Kaltinec”	VKN 550	1
15	Sportna zala “N. Petrov”	GNV 500	2
16	Stomatologiq	Plam 350	1
17	ODZ "Prolet" Kindergarten		
18	CDG "Bodra smqna" Kindergarten		
19	ODZ "Bojur" Kindergarten		
20	CDG "Detski svyat" Kindergarten		
21	CDG "Sthastliva detstvo" Kindergarten		
22	CDG "Parvi yuni" Kindergarten		
23	CDG "Elena Grancharova" Kindergarten		
24	CDG "Zdravec" Kindergarten		
25	CDG "Alen mak" Kindergarten		
26	Obsthejitie pri SUPZ		
27	Socialen patronaj		
28	Dom za vazrastni		
29	TET	ON 58	2
30	Transportna bolnica	Plam 350 Plam 550	2 1
31	TMT	UNI 251	3
32	Hotel “Rahovets”	GNV 250 GNV 550	1 1
33	Energorayon	Plam 550 PLam 650	1 1

<i>Nº</i>	<i>Name of end user</i>	<i>Type of boilers and other equipment</i>	<i>Units</i>
	Lyaskovets – Industrial sector		
1	“ARKUS” AD	KM 12 Buderus	3 5
2	“Balans” EAD	KM 6.5 PM 10	1 1
3	"Vinprom" EAD	PKM 6.5 KM 4	1 2
4	“FMA” EAD	PKM 6.5 KM 4 equipment	1 1 2
	<i>Lyaskovets - Public and administrative sector</i>		
1	Chitalisthe “Napredak”	Plam 350	1
2	VK “Pchela”	ON 350	2
3	APK – adm. Sgrada	GNV 250	1
4	BankDSK	Plam 250	1
5	DY “Mir” Kindergarten	Plam 250	1
6	Kino “Hristo Botev”	Plam 350	1
7	NGP “Lyaskovets”	Plam 350	1
8	OBCSG i DS	GNV 250	1
9	Obsthina Lyaskovets	ON 550	2
10	Postha	ON 550	1
11	NU “Nikola Kozlev”	ON 250	1
12	NU “Cani Ginchev”	GNV 350	1
13	SOU “M. Raikovich” - korpus 1	Plam 350	2
14	SOU “M. Raikovich” - korpus 2		
15	CDG “Radost” Kindergarten	Plam 350	1
16	CDG “Pchelica” Kindergarten	УНН 38	1
17	CDG “Slaveiche” Kindergarten	GNV 250	1
18	TK “Parvi mai”	Plam 650	1

Available housing in Veliko Tarnovo, Gorna Oryahovitsa and Lyaskovets

Veliko Tarnovo

No	Area	Available housing				Total floorage, m ²	Total floorage of apartment houses, m ²	Total floorage of houses, m ²
		Collective /apartment houses/		Individual /houses/				
		Number of apartment houses	Total number of flats	Number of houses	Total number of flats			
1	Area 1	64	1 608	206	492	172 819	114 516	58 303
2	Area 2	114	1 833	414	918	192 004	91 693	100 311
3	Area 3	65	1 248	206	462	121 067	75 282	45 785
4	Area 4	140	2 325	76	173	156 885	137 784	19 101
5	Area 5	91	2 154	668	1 334	281 447	137 971	143 476
6	Area 6	0	0	177	331	35 396	0	35 396
7	Area 7	8	132	143	262	25 673	6 718	18 955
8	Area 8	31	1 092	2	4	75 998	75 786	212
9	Area 9	71	1 425	2	4	103 969	103 052	917
Total		584	11 817	1 894	3 980	1 165 258	742 802	422 456

Gorna Oryahovitsa

No	Area	Available housing				Total floorage, m ²	Total floorage of apartment houses, m ²	Total floorage of houses, m ²
		Collective /apartment houses/		Individual /houses/				
		Number of apartment houses	Total number of flats	Number of houses	Total number of flats			
1	Area 1	21	475	361	671	94 993	31 988	63 005
2	Area 2	51	939	211	374	105 337	68 944	36 393
3	Area 3	43	780	215	414	95 473	54 976	40 496
Total		115	2 194	787	1 459	295 803	155 908	139 894

Lyaskovets

No	Area	Available housing				Total floorage, m ²	Total floorage of apartment houses, m ²	Total floorage of houses, m ²
		Collective /apartment houses/		Individual /houses/				
		Number of apartment houses	Total number of flats	Number of houses	Total number of flats			
1	Area 1	271	5 007	1 036	1 715	538 894	347 325	191 569
2	Area 2	263	6 378	815	1 378	596 031	459 238	136 793
3	Area 3	19	378	504	792	109 344	29 402	79 941
4	Area 4	4	66	491	558	50 249	5 514	44 735
Total		557	11 829	2 846	4 443	1 294 517	841 479	453 038

Number of the end-users provided for gasification and expected annual consumption of natural gas, by years and sectors

	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
<i>Industrial enterprises, number</i>	17	5	12	9						43
Veliko Tarnovo	8	1	9	4						22
Gorna Oryahovitsa	6	3	3	5						17
Lyaskovets	3	1								4
<i>Expected annual consumption from Industry, thousand sm³</i>	7305	21012	23836	27852	28509	29150	29906	30668	31540	
<i>Public and administrative /P&A/ sector, number</i>		22	22	21	18					83
Veliko Tarnovo		6	12	8	7					33
Gorna Oryahovitsa		9	4	8	11					32
Lyaskovets		7	6	5						18
<i>Expected annual consumption from P&A sector, thousand sm³</i>		410	1618	4495	4971	5307	5815	5982	6504	
<i>Households, number</i>		6 263	6 739	2 494	1 178	805	73	47	37	17 636
Veliko Tarnovo		2 612	2 718	941	434	309	39	20	15	7 088
Gorna Oryahovitsa		3 222	3 435	1 221	544	363	18	15	12	8 830
Lyaskovets		430	586	333	200	133	15	12	10	1 719

*Reduction of Greenhouse Gases by Gasification
of the towns of Veliko Tarnovo, Gorna Oryahovitsa and Lyaskovets*

<i>Expected annual consumption from Households, thousand sm³</i>		<i>2662</i>	<i>13512</i>	<i>21249</i>	<i>22469</i>	<i>23689</i>	<i>24902</i>	<i>25622</i>	<i>26580</i>	
<i>Total number of consumers of natural gas, number</i>	<i>17</i>	<i>6 290</i>	<i>6 773</i>	<i>2 524</i>	<i>1 196</i>	<i>805</i>	<i>73</i>	<i>47</i>	<i>37</i>	<i>17 678</i>
<i>Total annual sales, thousand sm³</i>	<i>7305</i>	<i>24085</i>	<i>38966</i>	<i>53595</i>	<i>55950</i>	<i>58145</i>	<i>60623</i>	<i>62271</i>	<i>64624</i>	

Company procedures of Overgas Inc. AD for quality assurance of operation and reporting on natural gas consumption and leakage

1. I7.05.02.27 Guidelines for control and diagnostics of the technical condition of natural gas distribution pipelines regarding natural gas leakages.

This Guideline introduces as a gas distribution pipelines diagnostics method the systematic search and finding of punctures and leakages of gas by means of portable and/or vehicle mounted devices, which are capable of measuring gas concentrations bigger than 1ppm up to 100 volume %, in compliance with Article 339 paragraph 4 of the Ordinance for the structure and safe operation of transmission and distribution gas pipelines, facilities, installations and appliances for natural gas.

2. I7.05.02.06 Guidelines for measuring the protection polarization potentials of underground metal facilities protected against soil corrosion by means of cathodic or tread protection.

This working document acquaints the operational staff in gas distribution companies with the requirements and methods for measuring the protection polarization potentials of underground metal facilities protected against soil corrosion by means of cathode or tread protection.

3. I7.05.02.24 Guidelines for technical servicing and repair of gas regulation stations and panels, and gas regulation and metering stations and panels.

These Guidelines determine the intervals and the set of operations for conducting preventive treatment and repairs on gas regulation stations and panels, and gas regulation and metering stations and panels. They determine also the order and deadlines for making checks/calibration of the used measuring devices.

4. I7.05.02.23 Guidelines for adjustment of the readings of natural gas consumption meter systems.

The purpose of this document is to give instructions for switching to standard conditions of comparison when reading the delivered quantities of natural gas to the consumers within the OVERGAS structure.

5. I7.05.02.02 Guidelines for operation, servicing and maintenance of distribution pipelines and their equipment.

It determines the activities of the operational staff for ensuring safe and trouble-free operation of gas pipelines and their maintenance and repair in compliance with the Ordinance for the structure and safe operation of gas transition and distribution pipelines, the facilities, installations and appliances for natural gas, as well as the deadlines for conducting the required measuring.

Description of the automatic dispatcher system OVERCOMM 2.0.

The system OVERCOMM 2.0 consists of the following three main component parts:

1. Automation tools for the GDN:
 - Adjusters of natural gas consumption with the following functions: calculation of gas consumption in standard units, recording emergency values of the technological parameters, 500 log books of hours, 20 log books of work shifts, 35 logbooks of days and 13 log books of months with entries of the consumption and technological parameters, 10 logbooks for emergency situations;
 - Controllers of odorizing installations, which control the proportioning of odorant in the GDN and maintain records of the odorant consumption.

2. The system OVERCOMM 2.0 uses the GSM network as a carrier medium. The communications are organized in the following two flows:
 - Reading of current values of technological parameters, hourly, shift, daily and monthly logbook entries by the gas consumption adjusters and the odorizing stations, as well as remote configuring of electronic devices is done following the initiative of the dispatcher center and is carried out through a switchable connection /the DATA CALL service/ between a GSM communication module mounted on the gas unit and a GSM modem at the dispatcher center;
 - The transmission of alarm signals about the above mentioned emergency situations is done following the initiative of the GSM communication module mounted on the gas unit to the dispatcher center by means of priority SMS messages. The high priority of SMS messages is guaranteed by an agreement with the GSM operator.

3. Software for automated dispatcher system with the following main functions:
 - Automatic initiation of cycles for collection of logbook data from the equipment;
 - Additional data gathering;
 - Processing, recording and filing of alarm SMS messages;
 - Automatic notification to the operator and the emergency response group about alarms;
 - Recording the actions performed by the dispatcher staff;
 - Automatic generation of information and analysis from the system database;
 - Information export for further processing in CSV format;
 - User identification with all tools of MS Windows '98, NT4, 2000 and XP.

Natural gas balance for identifying leakages is done on the basis of filed data about the gas consumption at the input and output points of the GDN

**Data collected to perform monitoring
/tracing the project activity/**

ID	Data type	Data variable	Unit	Measured, calculated or estimated	Method of recording and filing	Recording frequency
1	Pressure /average per hour/	P	Bar	measured	electronic	1 hour
2	Temperature /average per hour/	T	°C	measured	electronic	1 hour
3	Unadjusted consumption /per hour/	Vb	m ³	measured	electronic	1 hour
4	Adjusted consumption /per hour/	Vn	Stm ³	calculated	electronic	1 hour
5	Lower technological alarm level of pressure	LTP	Bar	measured	electronic	Upon occurrence
6	Upper technological alarm level of pressure	HTP	Bar	measured	electronic	Upon occurrence
7	Lower technological alarm level of temperature	LTT	°C	measured	electronic	Upon occurrence
8	Upper technological alarm level of temperature	HTT	°C	measured	electronic	Upon occurrence
9	Lower sensor alarm level of pressure	LSP	mA	measured	electronic	Upon occurrence
10	Upper sensor alarm level of pressure	HSP	mA	measured	electronic	Upon occurrence
11	Lower sensor alarm level of temperature	LST	Ω	measured	electronic	Upon occurrence
12	Upper sensor alarm level of pressure	HST	Ω	measured	electronic	Upon occurrence
13	Availability of supply voltage at the measuring units	OFF/ON	V	measured	electronic	In case of change in condition (drop off/reoccurrence)
14	Alarm SMS from a consumer	ALARM C C-consumer code	Text	measured	electronic	When a button is pressed
15	Gas losses from the GDN	ΔV	Stm ³	calculated	electronic	1 hour

ID	Data type	Data variable	Unit	Measured, calculated or estimated	Method of recording and filing	Recording frequency
16	Availability of methane along the GDN route	% CH ₄	ppm (VOL %)	measured	electronic	<p>Steel: P_{operating} ≤ 0,5 MPa – 4 years</p> <p>0,5 < P_{oper} ≤ 1,6 MPa – 2 years</p> <p>PE-HD: P_{oper} ≤ 0,01 MPa – 6 years</p> <p>0,01 < P_{oper} ≤ 0,1 MPa – 4 years</p> <p>0,1 < P_{oper} ≤ 0,5 MPa – 2 years</p> <p>0,5 < P_{oper} ≤ 1,0 MPa – 1 year</p>
17	Availability of methane in the facilities	% CH ₄	ppm (VOL %)	measured	electronic	3 months
18	Odorant concentration in the gas	C _n	mg/m ³	measured	electronic	1 month
19	Gas odor intensity	THT/TBM	балу	estimated	paper	1 month
20	Output electric current from the Cathodic Protection System (CPS)	I _{out}	A	measured	electronic	1 month
21	Output voltage from the CPS	U _{out}	V	measured	electronic	1 month
22	Polarization potential at a drainage contact point	U _{pol.dr.}	V	measured	electronic	1 month
23	Polarization potential at check points	U _{pol.}	V	measured	electronic	1 month
24	Total potential in check points	U _{c-3}	V	measured	electronic	1 month

Methods of measurement			
<i>Measuring method</i>	<i>Institution/function, which will take measurements</i>	<i>Calibration method</i>	<i>Calibration frequency</i>
Measuring of pressure, lower and upper technological alarm levels of pressure by means of transmitter for pressure with output 4-20mA	Gas Distribution Company (“Rahovetsgas 96” AD)	Comparison with standard pressure	1 year
Measuring of temperature, lower and upper technological alarm levels of temperature by means of platinum thermal resistance Pt100	“Rahovetsgas 96” AD	Comparison with standard resistance	1 year
Measuring of non-adjusted volume of gas, by means of turbine, rotary, membrane or aperture consumption meter /to be selected depending on the consumer characteristics or the unit in the GDN	“Rahovetsgas 96” AD	Comparison with standard consumption meter	2 years – for rotary and turbine ones 3 years – for membrane ones
Calculation of adjusted consumption by means of specialized electronic adjuster, in the configuration of which coefficients are set	P_{atm} , bar = average annual atmospheric pressure in the region; $T_b=293,15$ K $P_b=101,325$ kPa K_z – is set or calculated as per ISO 12213-2:1997 “Natural gas – calculation of compression factor. Part 2: Calculation using molar – composition analysis.” Or as per document DVGW G9 “Calculation of natural gas factor /saturation factor / and the contractility factor”.	Comparison with standard current signal and standard resistance /calibrator with standard current signal 4-20mA, decade with standard.	2 years
Measuring of lower and upper sensor alarm levels of pressure and temperature by means of electronic scheme included in the structure of the specialized electronic adjuster	“Rahovetsgas 96” AD	Together with the adjuster calibration by means of comparison with standard current signal and standard resistance /calibrator with standard current signal 4-20mA, decade with standard resistances.	1 year

<i>Measuring method</i>	<i>Institution/function, which will take measurements</i>	<i>Calibration method</i>	<i>Calibration frequency</i>
Measuring the availability of input current of the measuring unit by means of electronic scheme with reserved battery supply included in the structure of the communication device, which ensures the notification by a priority alarm SMS message through the GSM network	“Rahovetsgas 96” AD	Checks of the daily communication between the measuring unit and the dispatcher center	1 day
Monitoring the condition of the alarm button by means of electronic scheme with reserved battery supply power included in the structure of the communication device, which ensures the notification by a priority alarm SMS message through the GSM network	“Rahovetsgas 96” AD	Checks of the daily communication between the measuring unit and the dispatcher centre	1 day
Quantitative analysis of the contents of methane in the air by means of a specialized device with electro-chemical sensor	“Rahovetsgas 96” AD	On a study punched gas pipeline, which provides controlled gas leakages within the sensitivity range of the device. It is conducted by the “RAHOVETSGAS 96” AD .	3 months
Balance of input and output volumes for GDN and parts of the GDN – comparative analysis will be prepared	“Rahovetsgas 96” AD	-	-

Methods used in determining the consumption of natural gas at standard conditions

The standard (or base) conditions for comparison which are used for measuring the physical parameters (volume, density, etc.) of natural gas in Bulgaria are **293,15 K and 101,325 kPa**, in compliance with Bulgarian State Standard ISO 13443:1999 “Natural gas. Standard comparison conditions” and the General Terms for Concluding Contracts for Sales of Natural Gas, approved by the State Energy Regulatory Commission (SERC).

There are two possible approaches for obtaining the volume under standard conditions:

First approach: by using specialized devices called volume adjusters.

Second approach: by multiplying the volume read on the consumption meter counter by a fixed coefficient determined depending on the meteorological characteristics of the respective geographic region.

The choice of approach depends mostly on the maximum consumption and on the absolute pressure of natural gas in the measuring line.

In both cases the volume of natural gas under standard conditions is done applying the following formula:

$$V_{st} = V_p \frac{P}{P_{st}} \frac{T_{st}}{T} \frac{Z_{st}}{Z} \dots \dots (m^3)$$

where:

V_{st} (m^3) - Volume of gas under standard conditions (293,15 K и 101,325 kPa), recorded by the adjuster or calculated manually by applying a coefficient;

V_p (m^3) - Volume of gas measured as per the consumption meter counter;

P (bar) - Absolute pressure of gas in the measuring line;

P_{st} (bar) - Standard pressure ($P_{st} = 1,01325 bar$);

T (K) - Absolute temperature of gas in the measuring line;

T_{st} (K) - Standard temperature (for the Republic of Bulgaria $T_{st} = 293,15 K$);

Z - Over contractility coefficient under working conditions;

Z_{st} - Over contractility coefficient under standard conditions;

Z and Z_{st} – are either set, or calculated as per ISO 12213-2:1997 “Natural gas – calculation of compression factor. Part 2: Calculation using molar – composition analysis”, or as per document DVGW G9 “Calculation of the gas factor (saturation index) and contractility coefficient Z ”.

Accounting in case of availability of adjuster in the measuring device

The reading for V_{st} в m^3 (20 °C; 1,01325 bar) is reported for directly either by the electronic adjuster, or the consumption meter counter, in case it is equipped with embedded mechanical adjuster of temperature. The reported value accounted for, after deduction of the readings

from the preceding report, constitutes the adjusted volume of gas, which the consumer has used during the respective period.

In case an adjuster is missing in the measuring device

For obtaining V_{st} in m^3 (20 °C; 1,01325 bar) the following formula should be applied:

$$V_{st} = V_p \cdot K_{tp} \dots (m^3),$$

where:

$$K_{tp} = K_t \cdot K_p$$

$$K_t = \frac{T_{st}}{T} \quad \text{- temperatures adjustment coefficient;}$$

$$K_p = \frac{P}{P_{st}} \quad \text{- pressure correction coefficient}$$

K_{tp} - coefficient for bringing the consumption meter readings into compliance with standard conditions- $t = 20$ °C и $P = 1,01325$ bar;

$$V_p = V_{om\check{c}} - V_{np.om\check{c}} \quad (m^3)$$

$V_{om\check{c}}$ и $V_{np.om\check{c}}$ - consumption meter counter readings during the preceding and the current periods reported;

The value of the correction coefficient K_{tp} is determined depending on:

- Natural gas temperature in the measuring line;
- Atmospheric pressure (altitude above sea level) in the population area;