ANNEXES TO THE OPERATION AND BUSINESS CODE OF THE HUNGARIAN NATURAL GAS SYSTEM

PREPARED BY:
REGULATORY
COMMITTEE

ENTRY INTO FORCE: 1 OCTOBER 2024

APPROVED BY: MEKH RESOLUTION
NO. H3827/2024.

*In the case of any differences between the Hungarian and English wording of this Operation and Business Code, the provisions in Hungarian language of this Operation and Business Code shall prevail.

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PREAMBLE

The designated transmission system operator shall be responsible for preparing and reviewing the Operation and Business Code (hereinafter referred to as: the Code)[1]. The designated transmission system operator shall carry out the preparatory works related to the Code with the assistance of the Regulatory Committee. The Regulatory Committee is the body responsible for supporting the development of and expressing opinion on the Code[2].

1. OPERATION OF THE REGULATORY COMMITTEE

1.1. MEMBERS OF THE REGULATORY COMMITTEE[3]

1.1.1. The Groups listed below are members of the Regulatory Committee with the right of consultation via one representative authorised in writing:

i. transmission system operator,

ii. storage system operator,

iii. distribution system operator,

iv. natural gas trader,

v. universal service provider,

vi. organised natural gas market licensee,

vii. natural gas producer,

viii. the advocacy organisation representing users receiving universal service, appointed by the Hungarian Energy and Public Utility Regulatory Authority (hereinafter referred to as: the Authority),

ix. the advocacy organisation representing users receiving commercial services, appointed by the Authority.

1.1.2. Each Group of Licensees shall delegate their representative on the basis of their rules of procedure and regulation thereof. The representative of a given Group of Licensees may be recalled and re-appointed as determined in the rules of procedure of such Group of Licensees.

New licensees and natural gas producers may apply to the Group of Licensees' representative for admission to such Group, in accordance with the rules of procedure of the Group of Licensees.

1.1.3. The Regulatory Committee membership mandate and the document verifying personal representation shall be submitted to the professional secretary of the Regulatory Committee.

1.1.4. The member of the Regulatory Committee may be substituted by a person appointed in writing by the representative of the Group of Licensees. The e-mail containing the authorisation for substitution must be sent to the professional secretary before the Regulatory Committee meeting, or such authorisation shall be handed to the professional secretary before the Regulatory Committee meeting starts.

1.1.5. Members of the Regulatory Committee

1 Section 110 (1) and (3) of the Gas Supply Act

2 Sections 116-117 of the government decree implementing the provision of the Gas Supply Act

3 Section 116 (1)-(5) and (7) of the government decree implementing the provision of the Gas Supply Act

i. must develop a proposal for the provisions applicable to its own activities and any amendments thereto, and submit it during the drafting or revision of the Code, as provided for in paragraph 5.3,

ii. are entitled to make textual and reasoned amendment proposals and submit them during the drafting or revision of the Code, as provided for in paragraph 5.3,

iii. have right of consultation in relation to the draft Code uploaded to the Regulatory Committee's portal, and in case of disagreement, they have to provide a reason for the opinion,

iv. have voting right on the matters referred to in subparagraph 2 (i)-(iii), in case of voting with 'NO', the reason must be provided,

v. shall be entitled to convene a Regulatory Committee meeting – except for the amendment of the Code – on explained imperative grounds of urgency, stating the subject to be discussed and drafting the text thereof (planned agenda item),

vi. shall be entitled to express at the Regulatory Committee meeting that the Group of Licensees represented by such member wishes to participate in the drafting of a proposed amendment to the Code,

vii. shall, during the phase of expressing opinion, be entitled to request to include any provision amending the Code as a separate paragraph when drafting the opinion referred to in paragraph 5.3.4, specifying the provision and the reason for the request,

viii. shall be entitled to request to add items to the draft agenda of the Regulatory Committee meeting,

ix. shall be entitled to initiate the setting up of a working group.

1.2. THE CHAIRMAN OF THE REGULATORY COMMITTEE[4]

1.2.1. The chairman of the Regulatory Committee is the appointed representative of the designated transmission system operator.

1.2.2. The chairman of the Regulatory Committee has voting right, but has no right of consultation referred to in paragraph 5.3.4. The chairman accepts or rejects the opinions delivered on the Code, if an opinion is rejected, the chairman must state the reasons for such decision.

1.2.3. Tasks of the chairman of the Regulatory Committee:

i. organising the work of the Regulatory Committee,

ii. convening the Regulatory Committee meetings and determining the time and date thereof,

iii. proposing the agenda of the Regulatory Committee,

iv. presiding over the Regulatory Committee meetings,

v. requesting a voting to be held.

1.2.4. The chairman shall be responsible for those activities of the Regulatory Committee that are specified in the Rules of Procedure.

1.3. THE PROFESSIONAL SECRETARY

1.3.1. The chairman of the Regulatory Committee appoints a professional secretary, who shall be responsible for the management of the administrative works related to the work of the Regulatory Committee. The chairman may recall the professional secretary without any

[4] Section 117 (1) and (3) of the government decree implementing the provision of the Gas Supply Act

reason if, at the same time, a new professional secretary is appointed.

1.3.2. The professional secretary is not a member of the Regulatory Committee, has no voting right/right of consultation.

1.3.3. Tasks of the professional secretary:

i. preparing the Regulatory Committee meetings,

ii. sending the documents to be discussed at the Regulatory Committee meetings to the Regulatory Committee members and the participants,

iii. recording and sending the minutes of the Regulatory Committee meeting,

iv. documenting the work of the Regulatory Committee,

v. sending the amendment topics and schedule, and also the documents related to the review of the Code to the Regulatory Committee members and the participants,

vi. managing the communication between the Regulatory Committee and other organisations.

1.3.4. The professional secretary performs its tasks under the authority of the chairman.

1.4. ROLE OF THE AUTHORITY AT THE REGULATORY COMMITTEE MEETINGS

The representatives of the Authority may attend the Regulatory Committee meetings with deliberative right. The representative of the Authority is not a member of the Regulatory Committee.

1.5. INVOLVING EXPERTS[5]

1.5.1. The designated transmission system operator and the Group of Licensees may, at their own expense, involve experts in the tasks related to the drafting of and expressing opinion on the Code.

1.5.2. On the Regulatory Committee meetings one expert per Group of Licensees and two experts of the designated transmission system operator may attend with deliberative right.

1.5.3. The members of the Regulatory Committee may decide by majority voting (with abstention not permitted) to involve experts in order to support the preparatory work of the Regulations, if the recognition of the cost of experts as a justifiable expense of the transmission system coordinator as an eligible cost is provided by a legal regulation, enabling the transmission system coordinator to conduct the procedure required for commissioning the said expert.

1.6. SETTING UP A WORKING GROUP

The Regulatory Committee may, on an ad hoc basis, set up a working group for a specific issue. The working group may be set up if the Regulatory Committee members present so decide by majority voting.

2. TASKS OF THE REGULATORY COMMITTEE

The task of the Regulatory Committee:

i. accepting the agenda of the Regulatory Committee meetings,

ii. accepting the schedule and the thematic of the amendment of the Code,

iii. setting up and dissolving a working group,

[5] Section 116 (6) of the government decree implementing the provision of the Gas Supply Act

iv. carrying out opinion procedures related to the amendment of the Code.

3. THE REGULATORY COMMITTEE MEETINGS[6]

3.1. CONVENING A REGULATORY COMMITTEE MEETING

3.1.1. The chairman shall notify the members and the representatives of the Authority of the date of the Regulatory Committee meeting in writing at least 15 days before the meeting, indicating the agenda items intended to be discussed and, where appropriate, the reason for convening the meeting.

3.1.2. The professional secretary shall send the documents to be discussed to the members and to the representatives of the Authority with the invitation, but at least 7 days before the Regulatory Committee meeting.

3.1.3. The members shall send any issues and suggestions proposed to be discussed in addition to the established topics to the professional secretary at least 3 days before the meeting.

3.1.4. Topics proposed by the members, including the case specified in paragraph 1.1.5 (v) have to be included in the agenda.

3.1.5. The chairman shall be obliged to convene an extraordinary Regulatory Committee meeting within 15 days, if

i. any Regulatory Committee member so requests as provided for in paragraph 1.1.5 (v) or

ii. an extraordinary procedure is necessary because the chairman believes that, due to a legislative amendment or a deadline set by a resolution of the Authority, the preparation of the Code amendment cannot be postponed until the next ordinary annual meeting preparing the Code amendment.

3.2. MINUTES

3.2.1. The professional secretary shall prepare the minutes of the meetings, which shall be verified by the chairman.

The minutes shall include the attending persons, whether the meeting has quorum, the topics discussed at the meeting, the decisions, and also the counter-opinions delivered at the meeting and the reasons therefore.

3.2.2 The draft minutes shall be sent to the persons who attended the meeting within 5 days after the meeting. The persons who attended the meeting shall submit their comments, opinions on the draft minutes to the professional secretary within 5 days from the receipt thereof.

3.2.3 The professional secretary shall send the final minutes of the Regulatory Committee meeting to the members, to other persons who attended the meeting and to the Authority within 15 days from the meeting.

4. DECISION-MAKING OF THE REGULATORY COMMITTEE

4.1. DECISION-MAKING OF THE REGULATORY COMMITTEE AT THE REGULATORY COMMITTEE MEETING

4.1.1. The Regulatory Committee shall have quorum if at least two-thirds of the Regulatory Committee members are attending the meeting.

[6] Section 117 (1), (3) and (5) of the government decree implementing the provision of the Gas Supply Act

4.1.2. The Regulatory Committee makes its decisions by simple majority of the attending members. Abstentions shall not be considered when determining the ratio of the votes.

If an equilibrium of votes should emerge in the questions proposed for voting, (i.e. half of the members of the Regulatory Committee not abstaining voting with a yes and the other half with a no), it must be interpreted as the Regulatory Committee's acceptance and approval of the question/recommendation proposed for voting.

4.2. DECISION-MAKING OF THE REGULATORY COMMITTEE BY WRITTEN VOTES (IN MATTERS NOT AFFECTING THE AMENDMENT OF THE CODE)

4.2.1. For such decisions occurring between two Regulatory Committee meetings that can be made without oral debate, the chairman may call for written votes by sending an email to the email address provided by the Regulatory Committee members.

The chairman of the Regulatory Committee is entiled to order a vote in writing up to the deadline the chairman specifies, in case the substantiated decision of the members of the Regulatory Committee requires more time or information.

4.2.2. In the cases described in point 4.2.1, the chairman initiates the decision-making by such a call and determines the deadline by which the Regulatory Committee members must conduct their clear vote by email. Such deadline may only be less than 7 days in extremely substantiated cases. Such deadline may only be less than 7 days in extremely substantiated cases.

4.2.3. The Regulatory Committee members must cast their clear votes on the given topics and proposals for a decision by the specified deadline.

4.2.4. The Regulatory Committee makes its decisions by simple majority of the members. Abstentions shall not be considered when determining the ratio of the votes.

If an equilibrium of votes should emerge in the questions proposed for voting, (i.e. half of the members of the Regulatory Committee not abstaining voting with a yes and the other half with a no), it must be interpreted as the Regulatory Committee's acceptance and approval of the question/recommendation proposed for voting.

4.2.5. The votes of those members of the Regulatory Committee failing to cast their votes or failing to take a stand on the issue by the deadline determined by the chairman shall be deemed as abstention.

5. AMENDING THE CODE

5.1. GENERAL PROVISIONS

5.1.1 The Groups shall express their opinion on the amendment proposals of the Code on the IT application operated by the designated transmission system operator, i.e. on the Regulatory Committee Portal (hereinafter referred to as: Regulatory Committee portal).

5.1.2. If the Regulatory Committee portal is not functioning, proposals and opinions regarding the amendment of the Code shall be sent by email via the email addresses provided by the Regulatory Committee members.

5.1.3. Amendment proposals to the Code and opinions on the draft Code uploaded to the Regulatory Committee portal or sent by email shall be deemed as the official opinion of the Groups delegating representatives to the Regulatory Committee.

5.2. THE REGULATORY COMMITTEE PORTAL

5.2.1. The Regulatory Committee portal is an IT application for the publication of the proposals of the amendments of the Code and opinions on these amendments, as well as a platform supporting the Regulatory Committee members to prepare their opinions.

The Regulatory Committee portal can be accessed via an encrypted, secure data link:https://szbportal.fgsz.hu. The designated transmission system operator shall be responsible for ensuring that the website has a validated certificate.

5.2.2. The designated transmission system operator shall provide the User's Manual necessary for the functional management of the Regulatory Committee portal to the Regulatory Committee members during the user registration.

In order to be able to access the Regulatory Committee portal, two users per Regulatory Committee member are registered. Both users of the Regulatory Committee member have independent, equivalent rights. The two users cannot access the portal at the same time.

5.2.3 If, during the time window open for proposals and opinions, multiple events are received from a Regulatory Committee member, the event with the latest time-stamp shall be taken into account.

5.3. ANNUAL REVIEW OF THE CODE

5.3.1. Establishing the amendment topics and schedule

5.3.1.1. By 10 January of each year, the designated transmission system operator shall invite the Regulatory Committee members to submit their conceptual topic proposals related to the Code amendment by 20 January using the proposal form attached as Annex 1 to these Rules of Procedure. The amendment topics shall be detailed on the proposal form to such an extent that is sufficient to make a substantive decision on its adoption and to determine the time necessary for its drafting.

5.3.1.2. In order to annually review the Code, the designated transmission system operator shall, taking into account the legislative amendments that have occurred since the entry into force of the Code, the requirements set out in the resolution issued by the Authority and the amendment proposals received from the Regulatory Committee members by the deadline, prepare the amendment topics and schedule, including the identification of the Group(s) of Licensees it believes to be affected by the amendment.

5.3.1.3. A Regulatory Committee meeting shall be held each year on the day determined by the chairman but no later than 15 February in order to establish which Group of Licensees is responsible for the drafting of the amendment topics and the given topic, and also to adopt the schedule of the Code amendment process.

In respect of a given topic, the Regulatory Committee members may indicate at the meeting whether the Group of Licensees represented by them wishes to participate in the drafting of the amendment proposal or not. In such cases a working group responsible for drafting the text of the amendment proposal shall be set up and the rapporteur of the working group shall be appointed at the Regulatory Committee meeting.

The Group of Licensees failing to indicate at the Regulatory Committee meeting the intention to participate in the drafting of a given topic shall not be entitled to submit an amendment proposal during the proposal phase in relation to that topic, such proposals shall not be taken into account by the designated transmission system operator.

5.3.1.4. The professional secretary shall send the adopted amendment topics and schedule (indicating the Groups responsible for drafting the given topic and involved in such drafting) to the Regulatory Committee members, and the designated transmission system operator shall upload such version of the Code that is to be amended to the Regulatory Committee portal.

5.3.2. The proposal phase

5.3.2.1. The Group of Licensees responsible for drafting the given topic, together with the Group of Licensees involved in drafting the proposal, makes a textual proposal in accordance with the amendment topics and schedule via the Regulatory Committee portal. The period open for making a proposal shall be at least 21 days. If the intended effective date of the proposal does not fall for the commencement of the gas year beginning in the year of the Code amendment, the Regulatory Committee member shall include the proposed effective date in the amendment proposal, indicating the reasons therefor.

5.3.2.2. The Group(s) of Licensees involved in drafting the text of the proposal must adhere to the deadlines determined by the Group of Licensees responsible for drafting such proposal. If the Group(s) of Licensees responsible for and involved in the drafting cannot draft a joint textual proposal within the given deadline, they are entitled to make separate proposals, indicating the reasons for the disagreement. In such cases their textual proposals will appear separately in the draft amendment to the Code.

5.3.2.3. The Groups shall communicate with each other through their Regulatory Committee representatives, unless otherwise decided at the Regulatory Committee meeting specified in paragraph 5.3.1.3.

5.3.2.4. New topics cannot be added in this phase, except for amendment proposals necessary for ensuring coherence.

5.3.2.5. The designated transmission system operator shall consolidate the received textual proposals and upload them to the Regulatory Committee portal by the deadline laid down in the schedule.

5.3.3. Phase of making comments

5.3.3.1. The Regulatory Committee members shall comment on the proposals of the other members. The period open for making comments shall be at least 10 days.

5.3.3.2. New texts cannot be proposed in this phase, excluding any amendment proposals concerning (related to) the provisions opened during the proposal phase and the amendment proposals necessary for ensuring coherence.

5.3.3.3. The designated transmission system operator shall consolidate the received comments and textual proposals, and upload them to the Regulatory Committee Portal, indicating the deadline to deliver opinion.

5.3.4. Delivering opinion on the draft Code

5.3.4.1. By the deadline indicated in the schedule, the Regulatory Committee members shall be entitled to request in respect of any provision – with specifying such provision and the reasons therefor – a chapter to be split up during the opinion procedure, i.e. to be able to separately give opinion on specific points of the chapter concerned. The designated transmission system operator shall be obliged to comply with the request of the Regulatory Committee member.

5.3.4.2. The designated transmission system operator shall, by the deadline indicated in the schedule, make available the draft Code compiled on the basis of the proposals and opinions to the Groups via the Regulatory Committee portal for giving opinion. No new text may be proposed during the opinion procedure, with the exception specified in paragraph 5.3.4.3. The period open for giving opinion shall be at least 10 days.

5.3.4.3. The opinions shall be submitted for the draft text prepared by the designated transmission system operator and the designated transmission system operator's

stances indicated therein. If a Regulatory Committee member disagrees with any point of the draft prepared by the designated transmission system operator, such member shall give detailed reasons for the negative opinion and shall be entitled to propose an alternative to the paragraph in question.

5.3.4.4. If a Regulatory Committee member fails to deliver opinion by the deadline indicated in the schedule, it shall be deemed that such member has waived the right of consultation.

5.3.5. Finalising the draft Code

5.3.5.1. The designated transmission system operator shall finalize the draft Code by the deadline indicated in the schedule, after the Regulatory Committee members have delivered opinion.

5.3.5.2. The designated transmission system operator shall not be bound by the opinion the Regulatory Committee members have delivered on the content of the Code, and may submit a different draft text for approval, stating the reasons for the deviations in accordance with paragraph 6.1.

5.4. AMENDING THE CODE ON THE REQUEST OF A REGULATORY COMMITTEE MEMBER

5.4.1. If a Regulatory Committee member initiates the amendment of the Code, the substantiated textual proposals shall be sent to the professional secretary in electronic form.

5.4.2 The draft of the text or, in case multiple proposals are received, the consolidated text shall be added to the topics of the next annual review of the Code.

5.5. EXTRAORDINARY AMENDMENT OF THE CODE DUE TO A LEGISLATIVE AMENDMENT OR A RESOLUTION ISSUED BY THE AUTHORITY

5.5.1. If it is necessary to make an extraordinary amendment of the Code pursuant to the resolution of the Authority, the designated transmission system operator shall submit the draft Code for approval[7] on the basis of the Gas Supply Act. The members of the Regulatory Committee shall give their opinions in the course of the procedure of approval.

5.5.2. No provisions may be opened in addition to those that are to be amended due to the legislative amendment or the resolution issued by the Authority.

6. SUBMITTING THE CODE, SENDING THE APPROVED CODE[8]

6.1. The designated transmission system operator shall submit the consolidated draft Code to the Authority for approval, indicating the amendments. The grounds for amendments, the reasoned opinions of the Regulatory Committee members and the stance of the designated transmission system operator with detailed reasoning shall be attached to the draft if the designated transmission system operator disagrees with a Regulatory Committee member on a proposal.

6.2. The designated transmission system operator shall send the draft Code to the Regulatory Committee members in an editable form at the same time when such draft is submitted to the Authority.

6.3. If the approved version differs from the submitted version and the differences cannot be clearly identified from the approval decision, the designated transmission system operator shall send the version approved by the Authority to the Regulatory Committee members

[7]Section 110 (4) of the Gas Supply Act

[8]Section 110 (3) of the Gas Supply Act

in a consolidated and editable form, indicating the amendments compared to the submitted version.

ANNEX:

1. Annex 1: Proposal Form (template)

Rules of Procedure of the Regulatory Committee

1. Annex 1

Proposal Form *(template)*

PARTY MAKING THE PROPOSAL (REGULATORY COMMITTEE MEMBER):	
DESCRIPTION OF THE TOPIC:	
OBC PARAGRAPHS AFFECTED BY THE AMENDMENT:	
AFFECTED LEGISLATION[1]:	
SUGGESTED RAPPORTEUR[2]:	
SUGGESTED DATE OF ENTRY INTO FORCE OF THE AMENDMENT:	
DATE OF SUBMITTING THE PROPOSAL:	

EXPLANATION OF THE AMENDMENT PROPOSAL[3]:
GROUNDS FOR THE AMENDMENT PROPOSAL:

[1] To be filled in if a legal provision is affected. If the adoption of the proposal requires a legislative amendment, a textual proposal must be attached to the Proposal Form.
[2] To be filled in if different from the person making the proposal.
[3] If the text of the amendment proposal to the Code is already available, it must be attached to the Proposal Form.

II. ANNEX II – PROFILE-BASED SETTLEMENT SYSTEM DATA

Profile characteristics – household consumers

Profile characteristics

Profile HOUSEHOLD 1.

		Business Day	Public Holiday
volatile-	**-8.0**	0.3348314	0.3679574
weight	**-7.9**	0.3336596	0.3665467
temperature	**-7.8**	0.3324878	0.3651361
values	**-7.7**	0.3313160	0.3637255
C°	**-7.6**	0.3301442	0.3623149
	-7.5	0.3289723	0.3609042
	-7.4	0.3278005	0.3594936
	-7.3	0.3266287	0.3580830
	-7.2	0.3254569	0.3566724
	-7.1	0.3242851	0.3552617
	-7.0	0.3231133	0.3538511
	-6.9	0.3219415	0.3524405
	-6.8	0.3207697	0.3510298
	-6.7	0.3195979	0.3496192
	-6.6	0.3184260	0.3482086
	-6.5	0.3172542	0.3467980
	-6.4	0.3160824	0.3453873
	-6.3	0.3149106	0.3439767
	-6.2	0.3137388	0.3425661
	-6.1	0.3125670	0.3411555
	-6.0	0.3113952	0.3397448
	-5.9	0.3102234	0.3383342
	-5.8	0.3090516	0.3369236
	-5.7	0.3078797	0.3355129
	-5.6	0.3067079	0.3341023

-5.5	0.3055361	0.3326917
-5.4	0.3043643	0.3312811
-5.3	0.3031925	0.3298704
-5.2	0.3020207	0.3284598
-5.1	0.3008489	0.3270492
-5.0	0.2996771	0.3256386
-4.9	0.2985053	0.3242279
-4.8	0.2973334	0.3228173
-4.7	0.2961616	0.3214067
-4.6	0.2949898	0.3199960
-4.5	0.2938180	0.3185854
-4.4	0.2926462	0.3171748
-4.3	0.2914744	0.3157642
-4.2	0.2903026	0.3143535
-4.1	0.2891308	0.3129429
-4.0	0.2879589	0.3115323
-3.9	0.2867871	0.3101217
-3.8	0.2856153	0.3087110
-3.7	0.2844435	0.3073004
-3.6	0.2832717	0.3058898
-3.5	0.2820999	0.3044791
-3.4	0.2809281	0.3030685
-3.3	0.2797563	0.3016579
-3.2	0.2785845	0.3002473
-3.1	0.2774126	0.2988366
-3.0	0.2762408	0.2974260
-2.9	0.2750690	0.2960154
-2.8	0.2738972	0.2946048
-2.7	0.2727254	0.2931941
-2.6	0.2715536	0.2917835
-2.5	0.2703818	0.2903729
-2.4	0.2692100	0.2889622
-2.3	0.2680382	0.2875516
-2.2	0.2668663	0.2861410

-2.1	0.2656945	0.2847304
-2.0	0.2645227	0.2833197
-1.9	0.2633509	0.2819091
-1.8	0.2621791	0.2804985
-1.7	0.2610073	0.2790879
-1.6	0.2598355	0.2776772
-1.5	0.2586594	0.2762651
-1.4	0.2574790	0.2748513
-1.3	0.2562943	0.2734361
-1.2	0.2551054	0.2720193
-1.1	0.2539121	0.2706009
-1.0	0.2527146	0.2691810
-0.9	0.2515128	0.2677596
-0.8	0.2503067	0.2663366
-0.7	0.2490963	0.2649121
-0.6	0.2478816	0.2634861
-0.5	0.2466742	0.2620519
-0.4	0.2454740	0.2606095
-0.3	0.2442810	0.2591591
-0.2	0.2430953	0.2577005
-0.1	0.2419168	0.2562337
0.0	0.2407455	0.2547588
0.1	0.2395815	0.2532758
0.2	0.2384247	0.2517847
0.3	0.2372752	0.2502854
0.4	0.2361328	0.2487780
0.5	0.2349852	0.2472824
0.6	0.2338322	0.2457986
0.7	0.2326738	0.2443267
0.8	0.2315102	0.2428666
0.9	0.2303412	0.2414183
1.0	0.2291668	0.2399818
1.1	0.2279871	0.2385571
1.2	0.2268021	0.2371443
1.3	0.2256118	0.2357433
1.4	0.2244161	0.2343542
1.5	0.2232255	0.2329700
1.6	0.2220401	0.2315907
1.7	0.2208597	0.2302165
1.8	0.2196888	0.2288487
1.9	0.2185273	0.2274874
2.0	0.2173751	0.2261326
2.1	0.2162324	0.2247844
2.2	0.2150991	0.2234426
2.3	0.2139751	0.2221074
2.4	0.2128606	0.2207786
2.5	0.2117502	0.2194579
2.6	0.2106440	0.2181451
2.7	0.2095420	0.2168404
2.8	0.2084326	0.2155503
2.9	0.2073159	0.2142748
3.0	0.2061918	0.2130139
3.1	0.2050603	0.2117676
3.2	0.2039215	0.2105359

3.3	0.2027753	0.2093188
3.4	0.2016218	0.2081163
3.5	0.2004506	0.2069240
3.6	0.1992616	0.2057419
3.7	0.1980549	0.2045700
3.8	0.1968431	0.2033883
3.9	0.1956261	0.2021969
4.0	0.1944039	0.2009957
4.1	0.1931766	0.1997847
4.2	0.1919441	0.1985639
4.3	0.1907065	0.1973334
4.4	0.1894637	0.1960931
4.5	0.1882152	0.1948480
4.6	0.1869609	0.1935980
4.7	0.1857009	0.1923432
4.8	0.1844248	0.1910904
4.9	0.1831324	0.1898397
5.0	0.1818239	0.1885910
5.1	0.1804992	0.1873443
5.2	0.1791583	0.1860997
5.3	0.1778012	0.1848571
5.4	0.1764280	0.1836165
5.5	0.1750381	0.1823505
5.6	0.1736316	0.1810592
5.7	0.1722085	0.1797426
5.8	0.1707740	0.1783991
5.9	0.1693281	0.1770287
6.0	0.1678709	0.1756315
6.1	0.1664022	0.1742074
6.2	0.1649222	0.1727564
6.3	0.1634308	0.1712786
6.4	0.1619280	0.1697739
6.5	0.1604130	0.1682734
6.6	0.1588859	0.1667771
6.7	0.1573466	0.1652850
6.8	0.1558056	0.1638015
6.9	0.1542627	0.1623266
7.0	0.1527181	0.1608603
7.1	0.1511717	0.1594026
7.2	0.1496235	0.1579535
7.3	0.1480735	0.1565130
7.4	0.1465217	0.1550812
7.5	0.1449845	0.1536278
7.6	0.1434620	0.1521530
7.7	0.1419541	0.1506567
7.8	0.1404614	0.1491340
7.9	0.1389839	0.1475848
8.0	0.1375215	0.1460093
8.1	0.1360744	0.1444073
8.2	0.1346425	0.1427789
8.3	0.1332258	0.1411240
8.4	0.1318242	0.1394428
8.5	0.1304025	0.1377425
8.6	0.1289607	0.1360230

8.7	0.1274988	0.1342844
8.8	0.1260171	0.1325542
8.9	0.1245157	0.1308321
9.0	0.1229947	0.1291184
9.1	0.1214539	0.1274130
9.2	0.1198934	0.1257158
9.3	0.1183132	0.1240269
9.4	0.1167134	0.1223463
9.5	0.1150802	0.1206710
9.6	0.1134137	0.1190010
9.7	0.1117140	0.1173362
9.8	0.1099817	0.1156456
9.9	0.1082169	0.1139293
10.0	0.1064196	0.1121872
10.1	0.1045898	0.1104194
10.2	0.1027275	0.1086257
10.3	0.1008326	0.1068063
10.4	0.0989052	0.1049611
10.5	0.0970026	0.1031120
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10.7	0.0932714	0.0994023
10.8	0.0914264	0.0975717
10.9	0.0895898	0.0957673
11.0	0.0877614	0.0939892
11.1	0.0859414	0.0922373
11.2	0.0841297	0.0905116
11.3	0.0823262	0.0888122
11.4	0.0805311	0.0871390
11.5	0.0787425	0.0855039
11.6	0.0769605	0.0839070
11.7	0.0751850	0.0823483
11.8	0.0734514	0.0808204
11.9	0.0717597	0.0793233
12.0	0.0701099	0.0778571
12.1	0.0685020	0.0764218
12.2	0.0669360	0.0750173
12.3	0.0654118	0.0736436
12.4	0.0639296	0.0723008
12.5	0.0625013	0.0709866
12.6	0.0611269	0.0697010
12.7	0.0598065	0.0684440
12.8	0.0585536	0.0672186
12.9	0.0573683	0.0660247
13.0	0.0562505	0.0648625
13.1	0.0552002	0.0637318
13.2	0.0542175	0.0626328
13.3	0.0533023	0.0615653
13.4	0.0524547	0.0605294
13.5	0.0516587	0.0595322
13.6	0.0509145	0.0585738
13.7	0.0502219	0.0576541
13.8	0.0495239	0.0567512
13.9	0.0488203	0.0558651
14.0	0.0481111	0.0549958

14.1	0.0473965	0.0541433
14.2	0.0466764	0.0533077
14.3	0.0459507	0.0524888
14.4	0.0452195	0.0516868
14.5	0.0444990	0.0508994
14.6	0.0437891	0.0501266
14.7	0.0430900	0.0493685
14.8	0.0424033	0.0486130
14.9	0.0417290	0.0478603
15.0	0.0410672	0.0471103
15.1	0.0404178	0.0463629
15.2	0.0397808	0.0456183
15.3	0.0391563	0.0448763
15.4	0.0385442	0.0441371
15.5	0.0379497	0.0434143
15.6	0.0373729	0.0427078
15.7	0.0368138	0.0420178
15.8	0.0362603	0.0413464
15.9	0.0357124	0.0406937
16.0	0.0351701	0.0400596
16.1	0.0346334	0.0394442
16.2	0.0341022	0.0388474
16.3	0.0335767	0.0382693
16.4	0.0330568	0.0377099
16.5	0.0325457	0.0371748
16.6	0.0320433	0.0366641
16.7	0.0315497	0.0361778
16.8	0.0310806	0.0357087
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17.0	0.0302163	0.0348221
17.1	0.0298211	0.0344047
17.2	0.0294504	0.0340045
17.3	0.0291043	0.0336216
17.4	0.0287829	0.0332558
17.5	0.0284880	0.0329003
17.6	0.0282198	0.0325551
17.7	0.0279782	0.0322200
17.8	0.0277471	0.0318974
17.9	0.0275264	0.0315872
18.0	0.0273161	0.0312893
18.1	0.0271163	0.0310039
18.2	0.0269269	0.0307309
18.3	0.0267479	0.0304703
18.4	0.0265793	0.0302221
18.5	0.0264231	0.0299958
18.6	0.0262791	0.0297915
18.7	0.0261474	0.0296091
18.8	0.0260229	0.0294350
18.9	0.0259054	0.0292691
19.0	0.0257949	0.0291115
19.1	0.0256916	0.0289621
19.2	0.0255953	0.0288210
19.3	0.0255061	0.0286881
19.4	0.0254240	0.0285634

19.5	0.0253463	0.0284457
19.6	0.0252731	0.0283351
19.7	0.0252042	0.0282314
19.8	0.0251367	0.0281290
19.9	0.0250705	0.0280279
20.0	0.0250055	0.0279280
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20.2	0.0248794	0.0277322
20.3	0.0248182	0.0276363
20.4	0.0247584	0.0275416
20.5	0.0247032	0.0274497
20.6	0.0246528	0.0273608
20.7	0.0246071	0.0272747
20.8	0.0245640	0.0271984
20.9	0.0245236	0.0271320
21.0	0.0244859	0.0270755
21.1	0.0244508	0.0270288
21.2	0.0244184	0.0269920
21.3	0.0243887	0.0269651
21.4	0.0243616	0.0269480
21.5	0.0243359	0.0269402
21.6	0.0243117	0.0269417
21.7	0.0242889	0.0269524
21.8	0.0242656	0.0269629
21.9	0.0242419	0.0269732
22.0	0.0242177	0.0269832
22.1	0.0241931	0.0269930
22.2	0.0241681	0.0270025
22.3	0.0241425	0.0270117
22.4	0.0241166	0.0270207
22.5	0.0240881	0.0270235
22.6	0.0240572	0.0270202
22.7	0.0240238	0.0270107
22.8	0.0239906	0.0269963
22.9	0.0239575	0.0269769
23.0	0.0239246	0.0269527
23.1	0.0238919	0.0269236
23.2	0.0238593	0.0268895
23.3	0.0238269	0.0268505
23.4	0.0237946	0.0268067
23.5	0.0237652	0.0267607
23.6	0.0237386	0.0267127
23.7	0.0237149	0.0266626
23.8	0.0236905	0.0266089
23.9	0.0236655	0.0265515
24.0	0.0236400	0.0264905
24.1	0.0236138	0.0264258
24.2	0.0235870	0.0263575
24.3	0.0235597	0.0262855
24.4	0.0235317	0.0262099
24.5	0.0235024	0.0261306
24.6	0.0234717	0.0260476
24.7	0.0234396	0.0259610
24.8	0.0234075	0.0258712

24.9	0.0233752	0.0257784	
25.0	0.0233428	0.0256825	
25.1	0.0233103	0.0255835	
25.2	0.0232777	0.0254813	
25.3	0.0232450	0.0253761	
25.4	0.0232121	0.0252678	
25.5	0.0231798	0.0251591	
25.6	0.0231481	0.0250500	
25.7	0.0231169	0.0249406	
25.8	0.0230882	0.0248366	
25.9	0.0230621	0.0247382	
26.0	0.0230386	0.0246454	
26.1	0.0230176	0.0245581	
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26.6	0.0229514	0.0242044	
26.7	0.0229458	0.0241502	
26.8	0.0229402	0.0240988	
26.9	0.0229344	0.0240500	
27.0	0.0229286	0.0240039	
27.1	0.0229226	0.0239606	
27.2	0.0229166	0.0239199	
27.3	0.0229104	0.0238819	
27.4	0.0229041	0.0238466	
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27.8	0.0228789	0.0237324	
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28.1	0.0228651	0.0236753	
28.2	0.0228619	0.0236617	
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28.5	0.0228553	0.0236345	
28.6	0.0228553	0.0236345	
28.7	0.0228553	0.0236345	
28.8	0.0228553	0.0236345	
28.9	0.0228553	0.0236345	
29.0	0.0228553	0.0236345	
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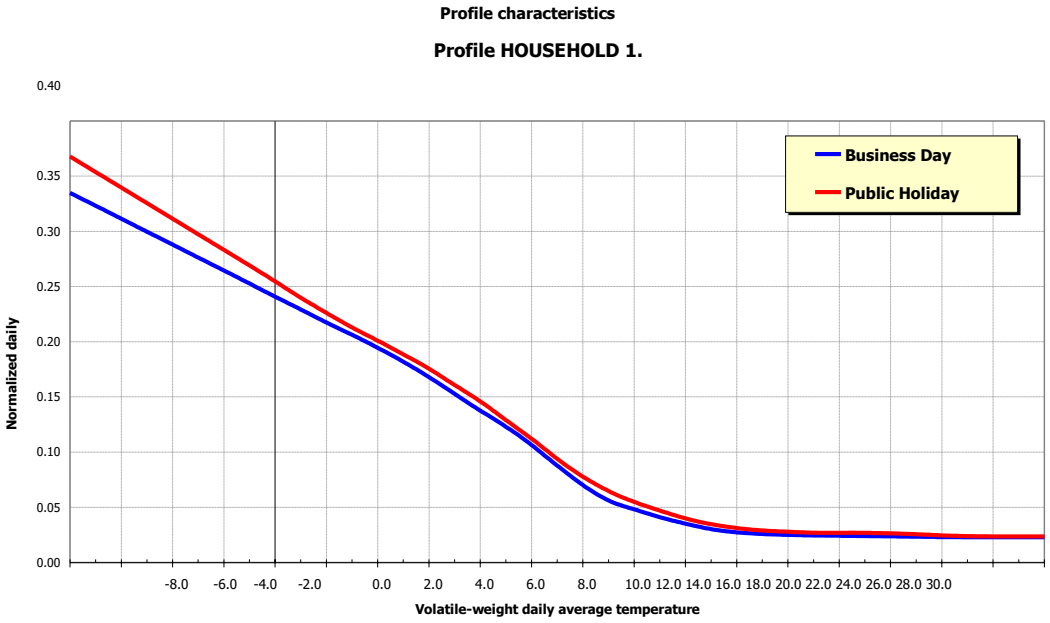
29.2	0.0228553	0.0236345	
29.3	0.0228553	0.0236345	
29.4	0.0228553	0.0236345	
29.5	0.0228553	0.0236345	
29.6	0.0228553	0.0236345	
29.7	0.0228553	0.0236345	
29.8	0.0228553	0.0236345	
29.9	0.0228553	0.0236345	
30.0	0.0228553	0.0236345	
Total:			**100.0000000**


Profile characteristics
Profile HOUSEHOLD 1.
Business Day
Public Holiday
Normalized daily
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
-8.0 -6.0 -4.0 -2.0 0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0
Volatile-weight daily average temperature

Profile characteristics

Profile HOUSEHOLD 2.

		Business Day	Public Holiday
volatile-	**-8.0**	0.3600491	0.3964940
weight	**-7.9**	0.3587802	0.3949567
temperature	**-7.8**	0.3575114	0.3934194
values	**-7.7**	0.3562425	0.3918821
C°	**-7.6**	0.3549736	0.3903448
	-7.5	0.3537047	0.3888075
	-7.4	0.3524358	0.3872702
	-7.3	0.3511670	0.3857329
	-7.2	0.3498981	0.3841956
	-7.1	0.3486292	0.3826583
	-7.0	0.3473603	0.3811210
	-6.9	0.3460915	0.3795837
	-6.8	0.3448226	0.3780464
	-6.7	0.3435537	0.3765091
	-6.6	0.3422848	0.3749717
	-6.5	0.3410159	0.3734344
	-6.4	0.3397471	0.3718971
	-6.3	0.3384782	0.3703598
	-6.2	0.3372093	0.3688225
	-6.1	0.3359404	0.3672852
	-6.0	0.3346715	0.3657479
	-5.9	0.3334027	0.3642106
	-5.8	0.3321338	0.3626733
	-5.7	0.3308649	0.3611360
	-5.6	0.3295960	0.3595987
	-5.5	0.3283272	0.3580614
	-5.4	0.3270583	0.3565241
	-5.3	0.3257894	0.3549868

-5.2	0.3245205	0.3534495
-5.1	0.3232516	0.3519122
-5.0	0.3219828	0.3503748
-4.9	0.3207139	0.3488375
-4.8	0.3194450	0.3473002
-4.7	0.3181761	0.3457629
-4.6	0.3169073	0.3442256
-4.5	0.3156384	0.3426883
-4.4	0.3143695	0.3411510
-4.3	0.3131006	0.3396137
-4.2	0.3118317	0.3380764
-4.1	0.3105629	0.3365391
-4.0	0.3092940	0.3350018
-3.9	0.3080251	0.3334645
-3.8	0.3067562	0.3319272
-3.7	0.3054874	0.3303899
-3.6	0.3042185	0.3288526
-3.5	0.3029496	0.3273153
-3.4	0.3016807	0.3257779
-3.3	0.3004118	0.3242406
-3.2	0.2991430	0.3227033
-3.1	0.2978741	0.3211660
-3.0	0.2966052	0.3196287
-2.9	0.2953363	0.3180914
-2.8	0.2940675	0.3165541
-2.7	0.2927986	0.3150168
-2.6	0.2915297	0.3134795
-2.5	0.2902608	0.3119422
-2.4	0.2889919	0.3104049
-2.3	0.2877231	0.3088676
-2.2	0.2864542	0.3073303
-2.1	0.2851853	0.3057930
-2.0	0.2839164	0.3042557
-1.9	0.2826475	0.3027184
-1.8	0.2813787	0.3011810
-1.7	0.2801098	0.2996437

-1.6	0.2788409	0.2981064
-1.5	0.2775710	0.2965594
-1.4	0.2763001	0.2950026
-1.3	0.2750281	0.2934362
-1.2	0.2737551	0.2918599
-1.1	0.2724811	0.2902740
-1.0	0.2712060	0.2886783
-0.9	0.2699300	0.2870729
-0.8	0.2686528	0.2854578
-0.7	0.2673747	0.2838329
-0.6	0.2660955	0.2821984
-0.5	0.2648157	0.2805500
-0.4	0.2635351	0.2788878
-0.3	0.2622538	0.2772118
-0.2	0.2609717	0.2755220
-0.1	0.2596890	0.2738183
0.0	0.2584056	0.2721009
0.1	0.2571214	0.2703696
0.2	0.2558365	0.2686246
0.3	0.2545510	0.2668657
0.4	0.2532647	0.2650931
0.5	0.2519837	0.2633544
0.6	0.2507081	0.2616497
0.7	0.2494379	0.2599791
0.8	0.2481731	0.2583425
0.9	0.2469135	0.2567399
1.0	0.2456594	0.2551713
1.1	0.2444106	0.2536367
1.2	0.2431671	0.2521362
1.3	0.2419290	0.2506696
1.4	0.2406963	0.2492371
1.5	0.2394568	0.2478065
1.6	0.2382107	0.2463780
1.7	0.2369577	0.2449514
1.8	0.2356991	0.2435365
1.9	0.2344348	0.2421334
2.0	0.2331648	0.2407420
2.1	0.2318891	0.2393623
2.2	0.2306077	0.2379943
2.3	0.2293207	0.2366381
2.4	0.2280279	0.2352935
2.5	0.2267349	0.2339446
2.6	0.2254418	0.2325914
2.7	0.2241485	0.2312338
2.8	0.2228546	0.2298760
2.9	0.2215603	0.2285179
3.0	0.2202655	0.2271596
3.1	0.2189702	0.2258010
3.2	0.2176745	0.2244421
3.3	0.2163782	0.2230830
3.4	0.2150814	0.2217236
3.5	0.2137572	0.2203815
3.6	0.2124055	0.2190566
3.7	0.2110264	0.2177491

3.8	0.2096138	0.2164109
3.9	0.2081677	0.2150422
4.0	0.2066881	0.2136430
4.1	0.2051750	0.2122132
4.2	0.2036283	0.2107528
4.3	0.2020482	0.2092619
4.4	0.2004345	0.2077404
4.5	0.1988084	0.2061919
4.6	0.1971698	0.2046163
4.7	0.1955187	0.2030136
4.8	0.1938672	0.2014159
4.9	0.1922153	0.1998231
5.0	0.1905630	0.1982353
5.1	0.1889102	0.1966525
5.2	0.1872571	0.1950746
5.3	0.1856036	0.1935016
5.4	0.1839497	0.1919336
5.5	0.1822921	0.1903485
5.6	0.1806309	0.1887461
5.7	0.1789661	0.1871265
5.8	0.1772922	0.1855059
5.9	0.1756091	0.1838840
6.0	0.1739169	0.1822611
6.1	0.1722155	0.1806370
6.2	0.1705049	0.1790118
6.3	0.1687853	0.1773854
6.4	0.1670565	0.1757579
6.5	0.1653261	0.1741386
6.6	0.1635941	0.1725274
6.7	0.1618607	0.1709244
6.8	0.1601525	0.1693120
6.9	0.1584698	0.1676902
7.0	0.1568125	0.1660591
7.1	0.1551805	0.1644186
7.2	0.1535740	0.1627687
7.3	0.1519928	0.1611094
7.4	0.1504370	0.1594408
7.5	0.1489019	0.1577609
7.6	0.1473876	0.1560698
7.7	0.1458939	0.1543676
7.8	0.1444000	0.1526506
7.9	0.1429057	0.1509189
8.0	0.1414112	0.1491725
8.1	0.1399163	0.1474114
8.2	0.1384211	0.1456356
8.3	0.1369256	0.1438451
8.4	0.1354298	0.1420398
8.5	0.1338973	0.1401897
8.6	0.1323281	0.1382947
8.7	0.1307221	0.1363548
8.8	0.1290827	0.1343921
8.9	0.1274098	0.1324066
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9.3	0.1203832	0.1242372
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11.9	0.0630851	0.0705589
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12.3	0.0555494	0.0637580
12.4	0.0538057	0.0622421
12.5	0.0521328	0.0607795
12.6	0.0505307	0.0593701
12.7	0.0489994	0.0580140
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13.2	0.0427467	0.0514811
13.3	0.0417769	0.0502241
13.4	0.0409007	0.0489836
13.5	0.0400927	0.0477700
13.6	0.0393531	0.0465833
13.7	0.0386816	0.0454235
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14.0	0.0365571	0.0422240
14.1	0.0358122	0.0412508
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14.3	0.0342671	0.0394445
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14.5	0.0326710	0.0378175

14.6	0.0318789	0.0370632
14.7	0.0310909	0.0363483
14.8	0.0303146	0.0356160
14.9	0.0295501	0.0348662
15.0	0.0287974	0.0340991
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15.5	0.0252131	0.0300212
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15.7	0.0238714	0.0283529
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16.0	0.0218743	0.0259812
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16.2	0.0205385	0.0245076
16.3	0.0198693	0.0238030
16.4	0.0191992	0.0231200
16.5	0.0185374	0.0224659
16.6	0.0178840	0.0218408
16.7	0.0172389	0.0212446
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16.9	0.0160497	0.0201078
17.0	0.0155056	0.0195673
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21.0	0.0084855	0.0114691
21.1	0.0084554	0.0114471
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21.3	0.0084072	0.0114223
21.4	0.0083891	0.0114195
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21.7	0.0083418	0.0114306
21.8	0.0083257	0.0114343
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22.0	0.0082889	0.0114321
22.1	0.0082682	0.0114260
22.2	0.0082460	0.0114168
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23.2	0.0080116	0.0112452
23.3	0.0079985	0.0112270
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23.7	0.0079677	0.0111464
23.8	0.0079599	0.0111221
23.9	0.0079491	0.0110958
24.0	0.0079353	0.0110673
24.1	0.0079186	0.0110369
24.2	0.0078989	0.0110043
24.3	0.0078762	0.0109697
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24.5	0.0078246	0.0108941
24.6	0.0077983	0.0108531
24.7	0.0077718	0.0108098
24.8	0.0077477	0.0107675
24.9	0.0077262	0.0107261
25.0	0.0077071	0.0106856
25.1	0.0076906	0.0106461
25.2	0.0076766	0.0106074
25.3	0.0076652	0.0105697

25.4	0.0076562	0.0105329	
25.5	0.0076484	0.0104985	
25.6	0.0076417	0.0104665	
25.7	0.0076362	0.0104370	
25.8	0.0076312	0.0104075	
25.9	0.0076270	0.0103781	
26.0	0.0076234	0.0103486	
26.1	0.0076204	0.0103192	
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26.3	0.0076163	0.0102605	
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26.6	0.0076150	0.0101726	
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27.0	0.0076260	0.0100640	
27.1	0.0076320	0.0100404	
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27.3	0.0076479	0.0099974	
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27.9	0.0077184	0.0099024	
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28.2	0.0077432	0.0098750	
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28.7	0.0077569	0.0098598	
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28.9	0.0077569	0.0098598	
29.0	0.0077569	0.0098598	
29.1	0.0077569	0.0098598	
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29.3	0.0077569	0.0098598	
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29.5	0.0077569	0.0098598	
29.6	0.0077569	0.0098598	
29.7	0.0077569	0.0098598	
29.8	0.0077569	0.0098598	
29.9	0.0077569	0.0098598	
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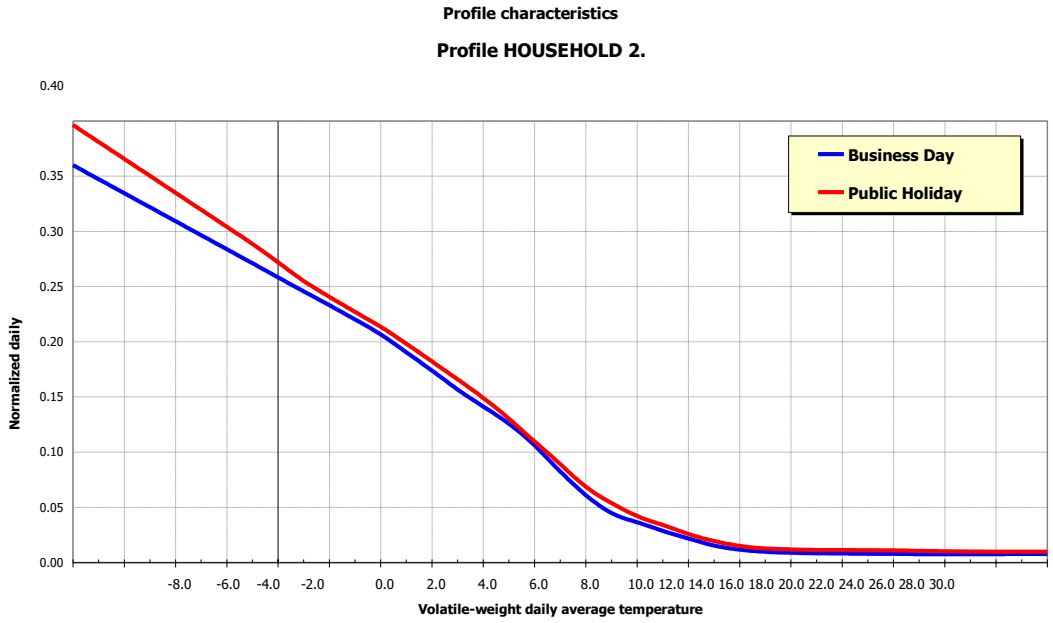
Total:			**100.0000000**


Profile characteristics
Profile HOUSEHOLD 2.
Business Day
Public Holiday
Normalized daily
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
-8.0 -6.0 -4.0 -2.0 0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0
Volatile-weight daily average temperature

Profile characteristics

Profile HOUSEHOLD 3.

		Business Day	Public Holiday
volatile-	**-8.0**	0.3001377	0.2361377
weight	**-7.9**	0.2993677	0.2360079
temperature	**-7.8**	0.2985976	0.2358781
values	**-7.7**	0.2978276	0.2357482
C°	**-7.6**	0.2970575	0.2356184
	-7.5	0.2962875	0.2354886
	-7.4	0.2955174	0.2353588
	-7.3	0.2947473	0.2352290
	-7.2	0.2939773	0.2350992
	-7.1	0.2932072	0.2349694
	-7.0	0.2924372	0.2348396
	-6.9	0.2916671	0.2347098
	-6.8	0.2908971	0.2345800
	-6.7	0.2901270	0.2344501
	-6.6	0.2893569	0.2343203
	-6.5	0.2885869	0.2341905
	-6.4	0.2878168	0.2340607
	-6.3	0.2870468	0.2339309
	-6.2	0.2862767	0.2338011
	-6.1	0.2855067	0.2336713
	-6.0	0.2847366	0.2335415
	-5.9	0.2839665	0.2334117
	-5.8	0.2831965	0.2332818
	-5.7	0.2824264	0.2331520
	-5.6	0.2816564	0.2330222
	-5.5	0.2808863	0.2328924
	-5.4	0.2801163	0.2327626
	-5.3	0.2793462	0.2326328

-5.2	0.2785761	0.2325030
-5.1	0.2778061	0.2323732
-5.0	0.2770360	0.2322434
-4.9	0.2762660	0.2321136
-4.8	0.2754959	0.2319837
-4.7	0.2747259	0.2318539
-4.6	0.2739558	0.2317241
-4.5	0.2731857	0.2315943
-4.4	0.2724157	0.2314645
-4.3	0.2716456	0.2313347
-4.2	0.2708756	0.2312049
-4.1	0.2701055	0.2310751
-4.0	0.2693355	0.2309453
-3.9	0.2685654	0.2308155
-3.8	0.2677953	0.2306856
-3.7	0.2670253	0.2305558
-3.6	0.2662552	0.2304260
-3.5	0.2654852	0.2302962
-3.4	0.2647151	0.2301664
-3.3	0.2639451	0.2300366
-3.2	0.2631750	0.2299068
-3.1	0.2624049	0.2297770
-3.0	0.2616349	0.2296472
-2.9	0.2608648	0.2295173
-2.8	0.2600948	0.2293875
-2.7	0.2593247	0.2292577
-2.6	0.2585547	0.2291279
-2.5	0.2577846	0.2289981
-2.4	0.2570145	0.2288683
-2.3	0.2562445	0.2287385
-2.2	0.2554744	0.2286087
-2.1	0.2547044	0.2284789
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-1.8	0.2523942	0.2280894
-1.7	0.2516241	0.2279596

-1.6	0.2508541	0.2278298
-1.5	0.2500402	0.2277709
-1.4	0.2491824	0.2277830
-1.3	0.2482807	0.2278660
-1.2	0.2473352	0.2280200
-1.1	0.2463458	0.2282448
-1.0	0.2453125	0.2285407
-0.9	0.2442354	0.2289074
-0.8	0.2431144	0.2293451
-0.7	0.2419495	0.2298537
-0.6	0.2407407	0.2304333
-0.5	0.2396186	0.2309783
-0.4	0.2385831	0.2314887
-0.3	0.2376342	0.2319645
-0.2	0.2367719	0.2324058
-0.1	0.2359962	0.2328125
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0.1	0.2347047	0.2335221
0.2	0.2341889	0.2338250
0.3	0.2337597	0.2340934
0.4	0.2334171	0.2343272
0.5	0.2330125	0.2345212
0.6	0.2325459	0.2346754
0.7	0.2320172	0.2347900
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1.2	0.2284436	0.2347662
1.3	0.2275428	0.2346422
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1.5	0.2256444	0.2342525
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1.7	0.2238549	0.2336140
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2.0	0.2216383	0.2317642
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2.4	0.2196782	0.2274340
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2.7	0.2181770	0.2231210
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3.0	0.2153660	0.2187417
3.1	0.2140509	0.2173375
3.2	0.2125469	0.2159611
3.3	0.2108538	0.2146126
3.4	0.2089717	0.2132918
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3.6	0.2049624	0.2106449
3.7	0.2028353	0.2093187

3.8	0.2007751	0.2079958
3.9	0.1987819	0.2066763
4.0	0.1968556	0.2053602
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5.0	0.1798319	0.1920881
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5.8	0.1634903	0.1817191
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20.2	0.0443932	0.0506795
20.3	0.0443441	0.0506619
20.4	0.0443032	0.0506730
20.5	0.0442662	0.0506917
20.6	0.0442331	0.0507180
20.7	0.0442039	0.0507521
20.8	0.0441677	0.0507606
20.9	0.0441244	0.0507436
21.0	0.0440740	0.0507011
21.1	0.0440166	0.0506331
21.2	0.0439521	0.0505396
21.3	0.0438805	0.0504206
21.4	0.0438019	0.0502760
21.5	0.0437085	0.0501428
21.6	0.0436003	0.0500210
21.7	0.0434772	0.0499104
21.8	0.0433594	0.0498349
21.9	0.0432469	0.0497945
22.0	0.0431396	0.0497892
22.1	0.0430376	0.0498189
22.2	0.0429408	0.0498837
22.3	0.0428493	0.0499836
22.4	0.0427631	0.0501185
22.5	0.0426812	0.0502423
22.6	0.0426037	0.0503548
22.7	0.0425305	0.0504561
22.8	0.0424444	0.0505271
22.9	0.0423453	0.0505678
23.0	0.0422333	0.0505780
23.1	0.0421082	0.0505580
23.2	0.0419703	0.0505075
23.3	0.0418194	0.0504267
23.4	0.0416555	0.0503156
23.5	0.0415072	0.0501787
23.6	0.0413745	0.0500161
23.7	0.0412575	0.0498276
23.8	0.0411603	0.0496344
23.9	0.0410830	0.0494364
24.0	0.0410255	0.0492335
24.1	0.0409880	0.0490258
24.2	0.0409703	0.0488133
24.3	0.0409725	0.0485959
24.4	0.0409946	0.0483738
24.5	0.0410241	0.0481839
24.6	0.0410611	0.0480262
24.7	0.0411054	0.0479008
24.8	0.0411649	0.0477708
24.9	0.0412395	0.0476362
25.0	0.0413293	0.0474970
25.1	0.0414343	0.0473532
25.2	0.0415545	0.0472048
25.3	0.0416898	0.0470518

25.4	0.0418403	0.0468943	
25.5	0.0419989	0.0467134	
25.6	0.0421657	0.0465093	
25.7	0.0423405	0.0462819	
25.8	0.0425245	0.0460776	
25.9	0.0427175	0.0458962	
26.0	0.0429195	0.0457378	
26.1	0.0431306	0.0456024	
26.2	0.0433508	0.0454901	
26.3	0.0435800	0.0454007	
26.4	0.0438182	0.0453343	
26.5	0.0440655	0.0452910	
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26.7	0.0445872	0.0452733	
26.8	0.0448331	0.0452943	
26.9	0.0450594	0.0453338	
27.0	0.0452663	0.0453916	
27.1	0.0454537	0.0454679	
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27.3	0.0457698	0.0456756	
27.4	0.0458987	0.0458070	
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27.6	0.0460978	0.0461252	
27.7	0.0461681	0.0463119	
27.8	0.0462314	0.0464799	
27.9	0.0462876	0.0466292	
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28.1	0.0463790	0.0468719	
28.2	0.0464142	0.0469652	
28.3	0.0464423	0.0470399	
28.4	0.0464634	0.0470959	
28.5	0.0464845	0.0471519	
28.6	0.0464845	0.0471519	
28.7	0.0464845	0.0471519	
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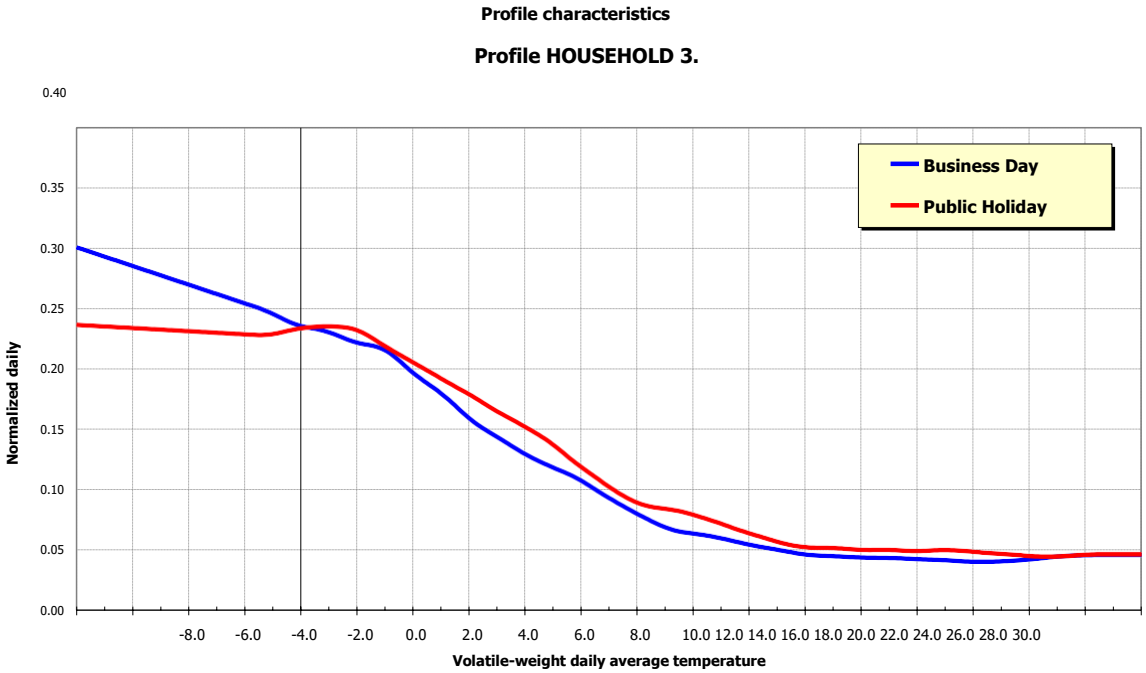
28.9	0.0464845	0.0471519	
29.0	0.0464845	0.0471519	
29.1	0.0464845	0.0471519	
29.2	0.0464845	0.0471519	
29.3	0.0464845	0.0471519	
29.4	0.0464845	0.0471519	
29.5	0.0464845	0.0471519	
29.6	0.0464845	0.0471519	
29.7	0.0464845	0.0471519	
29.8	0.0464845	0.0471519	
29.9	0.0464845	0.0471519	
30.0	0.0464845	0.0471519	
Total:			**100.0000000**


Profile characteristics
Profile HOUSEHOLD 3.
Business Day
Public Holiday
Normalized daily
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
-8.0 -6.0 -4.0 -2.0 0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0
Volatile-weight daily average temperature

Multiplicative season factor

Household segment

		Winter 01.12. - 31.12. 01.01. - 02.28.	Transition in heating period 01.03. - 15.04. 16.10. - 30.11.	Transition in non-heating period 16.04. - 31.05. 09.01. - 10.15.	Summer 01.06. - 31.08.
volatile-	**-8.0**	1.0000000	1.0000000	0.6389000	0.8993640
weight	**-7.9**	1.0000000	1.0000000	0.6389000	0.8993640
temperature	**-7.8**	1.0000000	1.0000000	0.6389000	0.8993640
values	**-7.7**	1.0000000	1.0000000	0.6389000	0.8993640
C°	**-7.6**	1.0000000	1.0000000	0.6389000	0.8993640
	-7.5	1.0000000	1.0000000	0.6389000	0.8993640
	-7.4	1.0000000	1.0000000	0.6389000	0.8993640
	-7.3	1.0000000	1.0000000	0.6389000	0.8993640
	-7.2	1.0000000	1.0000000	0.6389000	0.8993640
	-7.1	1.0000000	1.0000000	0.6389000	0.8993640
	-7.0	1.0000000	1.0000000	0.6389000	0.8993640
	-6.9	1.0000000	1.0000000	0.6389000	0.8993640
	-6.8	1.0000000	1.0000000	0.6389000	0.8993640
	-6.7	1.0000000	1.0000000	0.6389000	0.8993640
	-6.6	1.0000000	1.0000000	0.6389000	0.8993640
	-6.5	1.0000000	1.0000000	0.6389000	0.8993640
	-6.4	1.0000000	1.0000000	0.6389000	0.8993640
	-6.3	1.0000000	1.0000000	0.6389000	0.8993640
	-6.2	1.0000000	1.0000000	0.6389000	0.8993640
	-6.1	1.0000000	1.0000000	0.6389000	0.8993640
	-6.0	1.0000000	1.0000000	0.6389000	0.8993640
	-5.9	1.0000000	1.0000000	0.6389000	0.8993640
	-5.8	1.0000000	1.0000000	0.6389000	0.8993640
	-5.7	1.0000000	1.0000000	0.6389000	0.8993640
	-5.6	1.0000000	1.0000000	0.6389000	0.8993640
	-5.5	1.0000000	1.0000000	0.6389000	0.8993640
	-5.4	1.0000000	1.0000000	0.6389000	0.8993640

-5.3	1.0000000	1.0000000	0.6389000	0.8993640
-5.2	1.0000000	1.0000000	0.6389000	0.8993640
-5.1	1.0000000	1.0000000	0.6389000	0.8993640
-5.0	1.0000000	1.0000000	0.6389000	0.8993640
-4.9	1.0000000	1.0000000	0.6389000	0.8993640
-4.8	1.0000000	1.0000000	0.6389000	0.8993640
-4.7	1.0000000	1.0000000	0.6389000	0.8993640
-4.6	1.0000000	1.0000000	0.6389000	0.8993640
-4.5	1.0000000	1.0000000	0.6389000	0.8993640
-4.4	1.0000000	1.0000000	0.6389000	0.8993640
-4.3	1.0000000	1.0000000	0.6389000	0.8993640
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-4.1	1.0000000	1.0000000	0.6389000	0.8993640
-4.0	1.0000000	1.0000000	0.6389000	0.8993640
-3.9	1.0000000	1.0000000	0.6389000	0.8993640
-3.8	1.0000000	1.0000000	0.6389000	0.8993640
-3.7	1.0000000	1.0000000	0.6389000	0.8993640
-3.6	1.0000000	1.0000000	0.6389000	0.8993640
-3.5	1.0000000	1.0000000	0.6389000	0.8993640
-3.4	1.0000000	1.0000000	0.6389000	0.8993640
-3.3	1.0000000	1.0000000	0.6389000	0.8993640
-3.2	1.0000000	1.0000000	0.6389000	0.8993640
-3.1	1.0000000	1.0000000	0.6389000	0.8993640
-3.0	1.0000000	1.0000000	0.6389000	0.8993640
-2.9	1.0000000	1.0000000	0.6389000	0.8993640
-2.8	1.0000000	1.0000000	0.6389000	0.8993640
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-0.8	1.0000000	1.0000000	0.6389000	0.8993640
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8.9	1.1381126	1.0025926	0.8138903	0.8993640

9.0	1.1453953	1.0042783	0.8139474	0.8993640
9.1	1.1568205	1.0075184	0.8114226	0.8993640
9.2	1.1682456	1.0107584	0.8088978	0.8993640
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9.4	1.1910960	1.0172386	0.8038482	0.8993640
9.5	1.2025211	1.0204787	0.8013234	0.8993640
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9.9	1.2482217	1.0334389	0.7912241	0.8993640
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10.5	1.3320673	1.0545905	0.7816306	0.8993640
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12.3	1.4044877	1.1574119	0.8203826	0.9263111
12.4	1.4044877	1.1673328	0.8266065	0.9268517
12.5	1.4044877	1.1772537	0.8328305	0.9273924
12.6	1.4044877	1.1871746	0.8390545	0.9279331
12.7	1.4044877	1.1970955	0.8452784	0.9284738
12.8	1.4044877	1.2070164	0.8515024	0.9290145
12.9	1.4044877	1.2169373	0.8577264	0.9295552
13.0	1.4044877	1.2268582	0.8639503	0.9300958
13.1	1.4044877	1.2369946	0.8699157	0.9264096
13.2	1.4044877	1.2471310	0.8758811	0.9227233
13.3	1.4044877	1.2572675	0.8818465	0.9190370
13.4	1.4044877	1.2674039	0.8878119	0.9153508
13.5	1.4044877	1.2775403	0.8937773	0.9116645
13.6	1.4044877	1.2876767	0.8997427	0.9079782
13.7	1.4044877	1.2978132	0.9057081	0.9042920
13.8	1.4044877	1.3079496	0.9116735	0.9006057
13.9	1.4044877	1.3180860	0.9176389	0.8969194
14.0	1.4044877	1.3282225	0.9236043	0.8932332
14.1	1.4044877	1.3293903	0.9263399	0.8886415
14.2	1.4044877	1.3305581	0.9290755	0.8840498
14.3	1.4044877	1.3317259	0.9318111	0.8794581

14.4	1.4044877	1.3328938	0.9345467	0.8748664
14.5	1.4044877	1.3340616	0.9372823	0.8702747
14.6	1.4044877	1.3352294	0.9400178	0.8656830
14.7	1.4044877	1.3363972	0.9427534	0.8610913
14.8	1.4044877	1.3375650	0.9454890	0.8564996
14.9	1.4044877	1.3387329	0.9482246	0.8519079
15.0	1.4044877	1.3399007	0.9509602	0.8473162
15.1	1.4044877	1.3302710	0.9513290	0.8459611
15.2	1.4044877	1.3206414	0.9516978	0.8446060
15.3	1.4044877	1.3110117	0.9520666	0.8432509
15.4	1.4044877	1.3013821	0.9524354	0.8418958
15.5	1.4044877	1.2917524	0.9528042	0.8405407
15.6	1.4044877	1.2821228	0.9531731	0.8391856
15.7	1.4044877	1.2724931	0.9535419	0.8378305
15.8	1.4044877	1.2628635	0.9539107	0.8364754
15.9	1.4044877	1.2532338	0.9542795	0.8351203
16.0	1.4044877	1.2436042	0.9546483	0.8337652
16.1	1.4044877	1.2436042	0.9553111	0.8376885
16.2	1.4044877	1.2436042	0.9559739	0.8416118
16.3	1.4044877	1.2436042	0.9566367	0.8455351
16.4	1.4044877	1.2436042	0.9572994	0.8494584
16.5	1.4044877	1.2436042	0.9579622	0.8533817
16.6	1.4044877	1.2436042	0.9586250	0.8573050
16.7	1.4044877	1.2436042	0.9592878	0.8612283
16.8	1.4044877	1.2436042	0.9599506	0.8651516
16.9	1.4044877	1.2436042	0.9606133	0.8690749
17.0	1.4044877	1.2436042	0.9612761	0.8729982
17.1	1.4044877	1.2436042	0.9638377	0.8773104
17.2	1.4044877	1.2436042	0.9663993	0.8816226
17.3	1.4044877	1.2436042	0.9689608	0.8859348
17.4	1.4044877	1.2436042	0.9715224	0.8902470
17.5	1.4044877	1.2436042	0.9740840	0.8945592
17.6	1.4044877	1.2436042	0.9766456	0.8988714
17.7	1.4044877	1.2436042	0.9792071	0.9031836
17.8	1.4044877	1.2436042	0.9817687	0.9074958
17.9	1.4044877	1.2436042	0.9843303	0.9118080
18.0	1.4044877	1.2436042	0.9868918	0.9161202
18.1	1.4044877	1.2436042	0.9901371	0.9197649
18.2	1.4044877	1.2436042	0.9933823	0.9234096
18.3	1.4044877	1.2436042	0.9966276	0.9270543
18.4	1.4044877	1.2436042	0.9998728	0.9306990
18.5	1.4044877	1.2436042	1.0031181	0.9343437
18.6	1.4044877	1.2436042	1.0063634	0.9379884
18.7	1.4044877	1.2436042	1.0096086	0.9416331
18.8	1.4044877	1.2436042	1.0128539	0.9452778
18.9	1.4044877	1.2436042	1.0160991	0.9489225
19.0	1.4044877	1.2436042	1.0193444	0.9525672
19.1	1.4044877	1.2436042	1.0258202	0.9554875
19.2	1.4044877	1.2436042	1.0322960	0.9584077
19.3	1.4044877	1.2436042	1.0387718	0.9613280
19.4	1.4044877	1.2436042	1.0452476	0.9642483
19.5	1.4044877	1.2436042	1.0517234	0.9671686
19.6	1.4044877	1.2436042	1.0581992	0.9700889
19.7	1.4044877	1.2436042	1.0646750	0.9730091

19.8	1.4044877	1.2436042	1.0711508	0.9759294
19.9	1.4044877	1.2436042	1.0776266	0.9788497
20.0	1.4044877	1.2436042	1.0841024	0.9817700
20.1	1.4044877	1.2436042	1.0859142	0.9823023
20.2	1.4044877	1.2436042	1.0877260	0.9828345
20.3	1.4044877	1.2436042	1.0895378	0.9833668
20.4	1.4044877	1.2436042	1.0913496	0.9838991
20.5	1.4044877	1.2436042	1.0931614	0.9844313
20.6	1.4044877	1.2436042	1.0949732	0.9849636
20.7	1.4044877	1.2436042	1.0967850	0.9854959
20.8	1.4044877	1.2436042	1.0985968	0.9860281
20.9	1.4044877	1.2436042	1.1004086	0.9865604
21.0	1.4044877	1.2436042	1.1022205	0.9870927
21.1	1.4044877	1.2436042	1.1045693	0.9877226
21.2	1.4044877	1.2436042	1.1069181	0.9883525
21.3	1.4044877	1.2436042	1.1092669	0.9889824
21.4	1.4044877	1.2436042	1.1116157	0.9896123
21.5	1.4044877	1.2436042	1.1139645	0.9902422
21.6	1.4044877	1.2436042	1.1163133	0.9908722
21.7	1.4044877	1.2436042	1.1186621	0.9915021
21.8	1.4044877	1.2436042	1.1210110	0.9921320
21.9	1.4044877	1.2436042	1.1233598	0.9927619
22.0	1.4044877	1.2436042	1.1257086	0.9933918
22.1	1.4044877	1.2436042	1.1264922	0.9935718
22.2	1.4044877	1.2436042	1.1272759	0.9937517
22.3	1.4044877	1.2436042	1.1280595	0.9939316
22.4	1.4044877	1.2436042	1.1288431	0.9941115
22.5	1.4044877	1.2436042	1.1296268	0.9942915
22.6	1.4044877	1.2436042	1.1304104	0.9944714
22.7	1.4044877	1.2436042	1.1311940	0.9946513
22.8	1.4044877	1.2436042	1.1319777	0.9948312
22.9	1.4044877	1.2436042	1.1327613	0.9950112
23.0	1.4044877	1.2436042	1.1335449	0.9951911
23.1	1.4044877	1.2436042	1.1384879	0.9957604
23.2	1.4044877	1.2436042	1.1434308	0.9963296
23.3	1.4044877	1.2436042	1.1483737	0.9968989
23.4	1.4044877	1.2436042	1.1533166	0.9974682
23.5	1.4044877	1.2436042	1.1582596	0.9980374
23.6	1.4044877	1.2436042	1.1632025	0.9986067
23.7	1.4044877	1.2436042	1.1681454	0.9991760
23.8	1.4044877	1.2436042	1.1730883	0.9997452
23.9	1.4044877	1.2436042	1.1780313	1.0003145
24.0	1.4044877	1.2436042	1.1829742	1.0008838
24.1	1.4044877	1.2436042	1.1829742	1.0007781
24.2	1.4044877	1.2436042	1.1829742	1.0006724
24.3	1.4044877	1.2436042	1.1829742	1.0005668
24.4	1.4044877	1.2436042	1.1829742	1.0004611
24.5	1.4044877	1.2436042	1.1829742	1.0003554
24.6	1.4044877	1.2436042	1.1829742	1.0002498
24.7	1.4044877	1.2436042	1.1829742	1.0001441
24.8	1.4044877	1.2436042	1.1829742	1.0000384
24.9	1.4044877	1.2436042	1.1829742	0.9999328
25.0	1.4044877	1.2436042	1.1829742	0.9998271
25.1	1.4044877	1.2436042	1.1829742	0.9998444

25.2	1.4044877	1.2436042	1.1829742	0.9998617
25.3	1.4044877	1.2436042	1.1829742	0.9998790
25.4	1.4044877	1.2436042	1.1829742	0.9998963
25.5	1.4044877	1.2436042	1.1829742	0.9999135
25.6	1.4044877	1.2436042	1.1829742	0.9999308
25.7	1.4044877	1.2436042	1.1829742	0.9999481
25.8	1.4044877	1.2436042	1.1829742	0.9999654
25.9	1.4044877	1.2436042	1.1829742	0.9999827
26.0	1.4044877	1.2436042	1.1829742	1.0000000
26.1	1.4044877	1.2436042	1.1829742	1.0000000
26.2	1.4044877	1.2436042	1.1829742	1.0000000
26.3	1.4044877	1.2436042	1.1829742	1.0000000
26.4	1.4044877	1.2436042	1.1829742	1.0000000
26.5	1.4044877	1.2436042	1.1829742	1.0000000
26.6	1.4044877	1.2436042	1.1829742	1.0000000
26.7	1.4044877	1.2436042	1.1829742	1.0000000
26.8	1.4044877	1.2436042	1.1829742	1.0000000
26.9	1.4044877	1.2436042	1.1829742	1.0000000
27.0	1.4044877	1.2436042	1.1829742	1.0000000
27.1	1.4044877	1.2436042	1.1829742	1.0000000
27.2	1.4044877	1.2436042	1.1829742	1.0000000
27.3	1.4044877	1.2436042	1.1829742	1.0000000
27.4	1.4044877	1.2436042	1.1829742	1.0000000
27.5	1.4044877	1.2436042	1.1829742	1.0000000
27.6	1.4044877	1.2436042	1.1829742	1.0000000
27.7	1.4044877	1.2436042	1.1829742	1.0000000
27.8	1.4044877	1.2436042	1.1829742	1.0000000
27.9	1.4044877	1.2436042	1.1829742	1.0000000
28.0	1.4044877	1.2436042	1.1829742	1.0000000
28.1	1.4044877	1.2436042	1.1829742	1.0000000
28.2	1.4044877	1.2436042	1.1829742	1.0000000
28.3	1.4044877	1.2436042	1.1829742	1.0000000
28.4	1.4044877	1.2436042	1.1829742	1.0000000
28.5	1.4044877	1.2436042	1.1829742	1.0000000
28.6	1.4044877	1.2436042	1.1829742	1.0000000
28.7	1.4044877	1.2436042	1.1829742	1.0000000
28.8	1.4044877	1.2436042	1.1829742	1.0000000
28.9	1.4044877	1.2436042	1.1829742	1.0000000
29.0	1.4044877	1.2436042	1.1829742	1.0000000
29.1	1.4044877	1.2436042	1.1829742	1.0000000
29.2	1.4044877	1.2436042	1.1829742	1.0000000
29.3	1.4044877	1.2436042	1.1829742	1.0000000
29.4	1.4044877	1.2436042	1.1829742	1.0000000
29.5	1.4044877	1.2436042	1.1829742	1.0000000
29.6	1.4044877	1.2436042	1.1829742	1.0000000
29.7	1.4044877	1.2436042	1.1829742	1.0000000
29.8	1.4044877	1.2436042	1.1829742	1.0000000
29.9	1.4044877	1.2436042	1.1829742	1.0000000
30.0	1.4044877	1.2436042	1.1829742	1.0000000

Profile characteristics – non-household consumers

Profile characteristics

Profile BUSINESS 1.

		Business Day	Public Holiday
volatile-	**-8.0**	0.3265210	0.3374631
weight	**-7.9**	0.3256771	0.3361656
temperature	**-7.8**	0.3248332	0.3348681
values	**-7.7**	0.3239892	0.3335706
C°	**-7.6**	0.3231453	0.3322730
	-7.5	0.3223014	0.3309755
	-7.4	0.3214575	0.3296780
	-7.3	0.3206136	0.3283805
	-7.2	0.3197697	0.3270830
	-7.1	0.3189257	0.3257855
	-7.0	0.3180818	0.3244879
	-6.9	0.3172379	0.3231904
	-6.8	0.3163940	0.3218929
	-6.7	0.3155501	0.3205954
	-6.6	0.3147061	0.3192979
	-6.5	0.3138622	0.3180004
	-6.4	0.3130183	0.3167028
	-6.3	0.3121744	0.3154053
	-6.2	0.3113305	0.3141078
	-6.1	0.3104865	0.3128103
	-6.0	0.3096426	0.3115128
	-5.9	0.3087987	0.3102152
	-5.8	0.3079548	0.3089177
	-5.7	0.3071109	0.3076202
	-5.6	0.3062670	0.3063227
	-5.5	0.3054230	0.3050252
	-5.4	0.3045791	0.3037277

-5.3	0.3037352	0.3024301
-5.2	0.3028913	0.3011326
-5.1	0.3020474	0.2998351
-5.0	0.3012034	0.2985376
-4.9	0.3003595	0.2972401
-4.8	0.2995156	0.2959426
-4.7	0.2986717	0.2946450
-4.6	0.2978278	0.2933475
-4.5	0.2969839	0.2920500
-4.4	0.2961399	0.2907525
-4.3	0.2952960	0.2894550
-4.2	0.2944521	0.2881575
-4.1	0.2936082	0.2868599
-4.0	0.2927643	0.2855624
-3.9	0.2919203	0.2842649
-3.8	0.2910764	0.2829674
-3.7	0.2902325	0.2816699
-3.6	0.2893886	0.2803723
-3.5	0.2885447	0.2790748
-3.4	0.2877007	0.2777773
-3.3	0.2868568	0.2764798
-3.2	0.2860129	0.2751823
-3.1	0.2851690	0.2738848
-3.0	0.2843251	0.2725872
-2.9	0.2834812	0.2712897
-2.8	0.2826372	0.2699922
-2.7	0.2817933	0.2686947
-2.6	0.2809494	0.2673972
-2.5	0.2801055	0.2660997
-2.4	0.2792616	0.2648021
-2.3	0.2784176	0.2635046
-2.2	0.2775737	0.2622071
-2.1	0.2767298	0.2609096
-2.0	0.2758859	0.2596121
-1.9	0.2750420	0.2583145

-1.8	0.2741981	0.2570170
-1.7	0.2733541	0.2557195
-1.6	0.2725102	0.2544220
-1.5	0.2716763	0.2531172
-1.4	0.2708524	0.2518052
-1.3	0.2700386	0.2504860
-1.2	0.2692347	0.2491595
-1.1	0.2684409	0.2478258
-1.0	0.2676571	0.2464849
-0.9	0.2668834	0.2451367
-0.8	0.2661196	0.2437813
-0.7	0.2653659	0.2424186
-0.6	0.2646222	0.2410487
-0.5	0.2638687	0.2396505
-0.4	0.2631056	0.2382240
-0.3	0.2623327	0.2367691
-0.2	0.2615501	0.2352860
-0.1	0.2607577	0.2337745
0.0	0.2599557	0.2322347
0.1	0.2591439	0.2306666
0.2	0.2583224	0.2290702
0.3	0.2574912	0.2274454
0.4	0.2566502	0.2257924
0.5	0.2558103	0.2241908
0.6	0.2549714	0.2226406
0.7	0.2541335	0.2211418
0.8	0.2532966	0.2196945
0.9	0.2524608	0.2182986
1.0	0.2516259	0.2169542
1.1	0.2507921	0.2156612
1.2	0.2499593	0.2144196
1.3	0.2491276	0.2132294
1.4	0.2482968	0.2120907
1.5	0.2474576	0.2109512
1.6	0.2466099	0.2098109
1.7	0.2457537	0.2086698
1.8	0.2448791	0.2075352
1.9	0.2439859	0.2064070
2.0	0.2430742	0.2052852
2.1	0.2421441	0.2041699
2.2	0.2411955	0.2030611
2.3	0.2402283	0.2019586
2.4	0.2392427	0.2008627
2.5	0.2382299	0.1997748
2.6	0.2371900	0.1986949
2.7	0.2361231	0.1976231
2.8	0.2350487	0.1965804
2.9	0.2339670	0.1955669
3.0	0.2328779	0.1945824
3.1	0.2317814	0.1936272
3.2	0.2306775	0.1927010
3.3	0.2295663	0.1918040
3.4	0.2284477	0.1909361
3.5	0.2273178	0.1900910

3.6	0.2261765	0.1892689
3.7	0.2250239	0.1884695
3.8	0.2238492	0.1876132
3.9	0.2226524	0.1867001
4.0	0.2214335	0.1857300
4.1	0.2201926	0.1847031
4.2	0.2189295	0.1836192
4.3	0.2176444	0.1824785
4.4	0.2163372	0.1812808
4.5	0.2150112	0.1800419
4.6	0.2136665	0.1787616
4.7	0.2123030	0.1774401
4.8	0.2109303	0.1761295
4.9	0.2095482	0.1748299
5.0	0.2081570	0.1735412
5.1	0.2067564	0.1722634
5.2	0.2053466	0.1709965
5.3	0.2039276	0.1697406
5.4	0.2024993	0.1684957
5.5	0.2010494	0.1672295
5.6	0.1995779	0.1659422
5.7	0.1980849	0.1646337
5.8	0.1965790	0.1633024
5.9	0.1950601	0.1619484
6.0	0.1935282	0.1605715
6.1	0.1919835	0.1591718
6.2	0.1904257	0.1577494
6.3	0.1888551	0.1563042
6.4	0.1872715	0.1548361
6.5	0.1856825	0.1533777
6.6	0.1840882	0.1519287
6.7	0.1824885	0.1504894
6.8	0.1808874	0.1490659
6.9	0.1792849	0.1476582
7.0	0.1776810	0.1462663
7.1	0.1760757	0.1448903
7.2	0.1744690	0.1435301
7.3	0.1728609	0.1421857
7.4	0.1712515	0.1408572
7.5	0.1696513	0.1395033
7.6	0.1680604	0.1381240
7.7	0.1664789	0.1367193
7.8	0.1649033	0.1352737
7.9	0.1633337	0.1337870
8.0	0.1617700	0.1322593
8.1	0.1602124	0.1306906
8.2	0.1586607	0.1290809
8.3	0.1571150	0.1274302
8.4	0.1555753	0.1257385
8.5	0.1539887	0.1240270
8.6	0.1523553	0.1222958
8.7	0.1506750	0.1205448
8.8	0.1489601	0.1188061
8.9	0.1472107	0.1170798

9.0	0.1454267	0.1153658
9.1	0.1436082	0.1136642
9.2	0.1417550	0.1119749
9.3	0.1398673	0.1102979
9.4	0.1379451	0.1086333
9.5	0.1359869	0.1069765
9.6	0.1339928	0.1053274
9.7	0.1319627	0.1036861
9.8	0.1298891	0.1020202
9.9	0.1277719	0.1003298
10.0	0.1256113	0.0986147
10.1	0.1234071	0.0968751
10.2	0.1211594	0.0951110
10.3	0.1188682	0.0933222
10.4	0.1165334	0.0915089
10.5	0.1142195	0.0896728
10.6	0.1119263	0.0878141
10.7	0.1096540	0.0859326
10.8	0.1073917	0.0840697
10.9	0.1051395	0.0822252
11.0	0.1028974	0.0803993
11.1	0.1006654	0.0785919
11.2	0.0984435	0.0768030
11.3	0.0962317	0.0750326
11.4	0.0940300	0.0732808
11.5	0.0918445	0.0716019
11.6	0.0896752	0.0699960
11.7	0.0875222	0.0684631
11.8	0.0854383	0.0669819
11.9	0.0834234	0.0655525
12.0	0.0814776	0.0641749
12.1	0.0796009	0.0628490
12.2	0.0777933	0.0615748
12.3	0.0760547	0.0603525
12.4	0.0743853	0.0591818
12.5	0.0728017	0.0580321
12.6	0.0713040	0.0569033
12.7	0.0698922	0.0557953
12.8	0.0685677	0.0547129
12.9	0.0673305	0.0536559
13.0	0.0661805	0.0526244
13.1	0.0651178	0.0516184
13.2	0.0641424	0.0506378
13.3	0.0632543	0.0496828
13.4	0.0624534	0.0487532
13.5	0.0617087	0.0478640
13.6	0.0610201	0.0470152
13.7	0.0603877	0.0462069
13.8	0.0597472	0.0454371
13.9	0.0590984	0.0447059
14.0	0.0584415	0.0440132
14.1	0.0577765	0.0433591
14.2	0.0571033	0.0427435
14.3	0.0564219	0.0421665

14.4	0.0557323	0.0416280
14.5	0.0550613	0.0411216
14.6	0.0544086	0.0406473
14.7	0.0537745	0.0402050
14.8	0.0531526	0.0397403
14.9	0.0525431	0.0392532
15.0	0.0519459	0.0387437
15.1	0.0513610	0.0382118
15.2	0.0507884	0.0376575
15.3	0.0502282	0.0370808
15.4	0.0496803	0.0364817
15.5	0.0491441	0.0358794
15.6	0.0486197	0.0352739
15.7	0.0481070	0.0346652
15.8	0.0475893	0.0340843
15.9	0.0470666	0.0335310
16.0	0.0465388	0.0330054
16.1	0.0460060	0.0325075
16.2	0.0454681	0.0320373
16.3	0.0449252	0.0315948
16.4	0.0443772	0.0311800
16.5	0.0438288	0.0307895
16.6	0.0432800	0.0304233
16.7	0.0427308	0.0300815
16.8	0.0422122	0.0297490
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17.0	0.0412672	0.0291123
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17.3	0.0400799	0.0282276
17.4	0.0397455	0.0279514
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17.8	0.0386939	0.0269437
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19.1	0.0361063	0.0253234
19.2	0.0359532	0.0252669
19.3	0.0358072	0.0252136
19.4	0.0356684	0.0251636
19.5	0.0355348	0.0251100
19.6	0.0354065	0.0250527
19.7	0.0352835	0.0249917

19.8	0.0351612	0.0249305
19.9	0.0350395	0.0248690
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20.1	0.0347982	0.0247451
20.2	0.0346785	0.0246828
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20.4	0.0344412	0.0245572
20.5	0.0343280	0.0244975
20.6	0.0342198	0.0244412
20.7	0.0341168	0.0243882
20.8	0.0340183	0.0243389
20.9	0.0339244	0.0242933
21.0	0.0338350	0.0242513
21.1	0.0337502	0.0242130
21.2	0.0336699	0.0241784
21.3	0.0335942	0.0241475
21.4	0.0335230	0.0241202
21.5	0.0334541	0.0240982
21.6	0.0333876	0.0240813
21.7	0.0333234	0.0240696
21.8	0.0332597	0.0240561
21.9	0.0331963	0.0240408
22.0	0.0331334	0.0240237
22.1	0.0330708	0.0240047
22.2	0.0330087	0.0239840
22.3	0.0329469	0.0239615
22.4	0.0328856	0.0239372
22.5	0.0328283	0.0239068
22.6	0.0327750	0.0238704
22.7	0.0327257	0.0238278
22.8	0.0326822	0.0237861
22.9	0.0326445	0.0237453
23.0	0.0326126	0.0237053
23.1	0.0325866	0.0236661
23.2	0.0325664	0.0236277
23.3	0.0325520	0.0235902
23.4	0.0325434	0.0235536
23.5	0.0325367	0.0235206
23.6	0.0325318	0.0234911
23.7	0.0325287	0.0234653
23.8	0.0325230	0.0234396
23.9	0.0325147	0.0234138
24.0	0.0325038	0.0233881
24.1	0.0324903	0.0233624
24.2	0.0324742	0.0233367
24.3	0.0324554	0.0233110
24.4	0.0324341	0.0232854
24.5	0.0324080	0.0232615
24.6	0.0323773	0.0232395
24.7	0.0323419	0.0232192
24.8	0.0323040	0.0231993
24.9	0.0322636	0.0231796
25.0	0.0322207	0.0231603
25.1	0.0321753	0.0231412

25.2	0.0321275	0.0231224	
25.3	0.0320772	0.0231039	
25.4	0.0320244	0.0230857	
25.5	0.0319734	0.0230664	
25.6	0.0319242	0.0230460	
25.7	0.0318768	0.0230245	
25.8	0.0318277	0.0230061	
25.9	0.0317768	0.0229910	
26.0	0.0317241	0.0229789	
26.1	0.0316696	0.0229701	
26.2	0.0316134	0.0229644	
26.3	0.0315554	0.0229619	
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26.5	0.0314340	0.0229663	
26.6	0.0313706	0.0229733	
26.7	0.0313055	0.0229835	
26.8	0.0312426	0.0229940	
26.9	0.0311819	0.0230049	
27.0	0.0311234	0.0230162	
27.1	0.0310671	0.0230279	
27.2	0.0310130	0.0230399	
27.3	0.0309612	0.0230524	
27.4	0.0309115	0.0230652	
27.5	0.0308641	0.0230784	
27.6	0.0308189	0.0230920	
27.7	0.0307759	0.0231060	
27.8	0.0307372	0.0231186	
27.9	0.0307028	0.0231297	
28.0	0.0306727	0.0231395	
28.1	0.0306469	0.0231479	
28.2	0.0306254	0.0231549	
28.3	0.0306082	0.0231605	
28.4	0.0305953	0.0231647	
28.5	0.0305824	0.0231689	
28.6	0.0305824	0.0231689	
28.7	0.0305824	0.0231689	
28.8	0.0305824	0.0231689	
28.9	0.0305824	0.0231689	
29.0	0.0305824	0.0231689	
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29.2	0.0305824	0.0231689	
29.3	0.0305824	0.0231689	
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29.6	0.0305824	0.0231689	
29.7	0.0305824	0.0231689	
29.8	0.0305824	0.0231689	
29.9	0.0305824	0.0231689	
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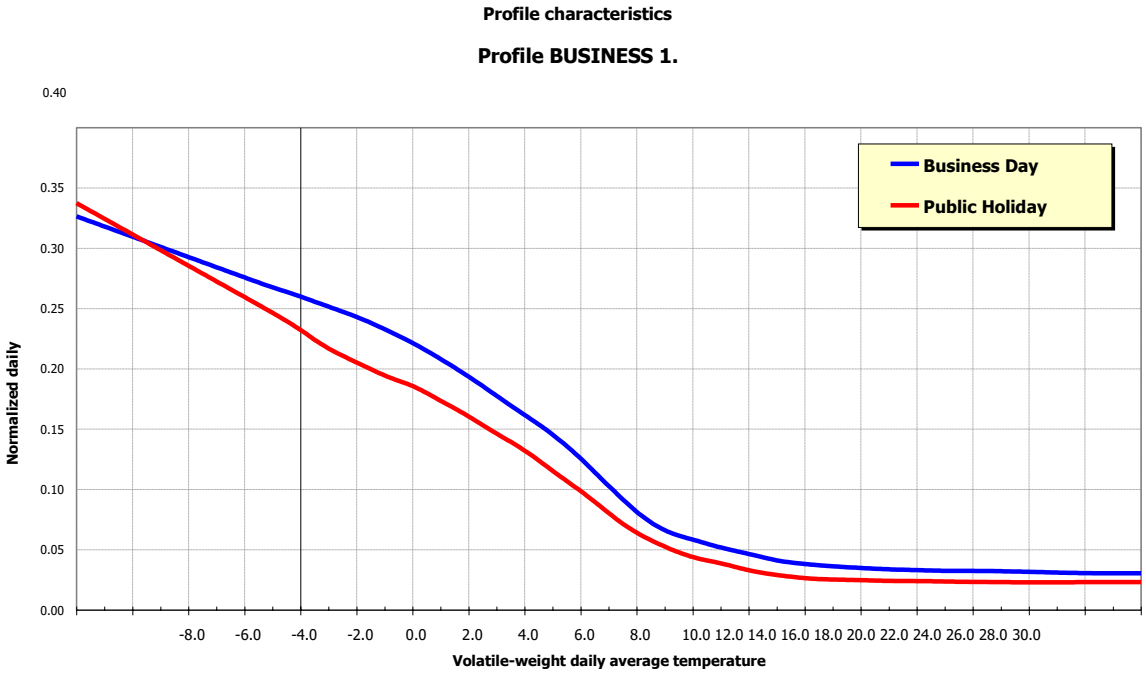
Total:			**100.0000000**


Profile characteristics
Profile BUSINESS 1.
Business Day
Public Holiday
Normalized daily
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
-8.0 -6.0 -4.0 -2.0 0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0
Volatile-weight daily average temperature

Profile characteristics

Profile BUSINESS 2.

		Business Day	Public Holiday
volatile-	**-8.0**	0.3955546	0.3877194
weight	**-7.9**	0.3942657	0.3860980
temperature	**-7.8**	0.3929767	0.3844765
values	**-7.7**	0.3916877	0.3828550
C°	**-7.6**	0.3903988	0.3812336
	-7.5	0.3891098	0.3796121
	-7.4	0.3878208	0.3779906
	-7.3	0.3865319	0.3763692
	-7.2	0.3852429	0.3747477
	-7.1	0.3839539	0.3731262
	-7.0	0.3826650	0.3715048
	-6.9	0.3813760	0.3698833
	-6.8	0.3800870	0.3682618
	-6.7	0.3787981	0.3666404
	-6.6	0.3775091	0.3650189
	-6.5	0.3762201	0.3633975
	-6.4	0.3749312	0.3617760
	-6.3	0.3736422	0.3601545
	-6.2	0.3723532	0.3585331
	-6.1	0.3710643	0.3569116
	-6.0	0.3697753	0.3552901
	-5.9	0.3684863	0.3536687
	-5.8	0.3671974	0.3520472
	-5.7	0.3659084	0.3504257
	-5.6	0.3646194	0.3488043
	-5.5	0.3633305	0.3471828
	-5.4	0.3620415	0.3455613
	-5.3	0.3607525	0.3439399

-5.2	0.3594636	0.3423184
-5.1	0.3581746	0.3406969
-5.0	0.3568856	0.3390755
-4.9	0.3555966	0.3374540
-4.8	0.3543077	0.3358325
-4.7	0.3530187	0.3342111
-4.6	0.3517297	0.3325896
-4.5	0.3504408	0.3309681
-4.4	0.3491518	0.3293467
-4.3	0.3478628	0.3277252
-4.2	0.3465739	0.3261037
-4.1	0.3452849	0.3244823
-4.0	0.3439959	0.3228608
-3.9	0.3427070	0.3212394
-3.8	0.3414180	0.3196179
-3.7	0.3401290	0.3179964
-3.6	0.3388401	0.3163750
-3.5	0.3375511	0.3147535
-3.4	0.3362621	0.3131320
-3.3	0.3349732	0.3115106
-3.2	0.3336842	0.3098891
-3.1	0.3323952	0.3082676
-3.0	0.3311063	0.3066462
-2.9	0.3298173	0.3050247
-2.8	0.3285283	0.3034032
-2.7	0.3272394	0.3017818
-2.6	0.3259504	0.3001603
-2.5	0.3246614	0.2985388
-2.4	0.3233725	0.2969174
-2.3	0.3220835	0.2952959
-2.2	0.3207945	0.2936744
-2.1	0.3195056	0.2920530
-2.0	0.3182166	0.2904315
-1.9	0.3169276	0.2888100
-1.8	0.3156387	0.2871886
-1.7	0.3143497	0.2855671

-1.6	0.3130607	0.2839457
-1.5	0.3117803	0.2823179
-1.4	0.3105086	0.2806839
-1.3	0.3092454	0.2790436
-1.2	0.3079908	0.2773970
-1.1	0.3067448	0.2757441
-1.0	0.3055074	0.2740850
-0.9	0.3042786	0.2724196
-0.8	0.3030584	0.2707479
-0.7	0.3018467	0.2690699
-0.6	0.3006437	0.2673857
-0.5	0.2994353	0.2656619
-0.4	0.2982217	0.2638988
-0.3	0.2970027	0.2620962
-0.2	0.2957784	0.2602541
-0.1	0.2945487	0.2583726
0.0	0.2933138	0.2564517
0.1	0.2920735	0.2544913
0.2	0.2908279	0.2524914
0.3	0.2895770	0.2504521
0.4	0.2883207	0.2483733
0.5	0.2870595	0.2463578
0.6	0.2857932	0.2444054
0.7	0.2845219	0.2425162
0.8	0.2832455	0.2406902
0.9	0.2819642	0.2389273
1.0	0.2806778	0.2372277
1.1	0.2793865	0.2355912
1.2	0.2780900	0.2340179
1.3	0.2767886	0.2325078
1.4	0.2754822	0.2310609
1.5	0.2741726	0.2296188
1.6	0.2728599	0.2281816
1.7	0.2715441	0.2267492
1.8	0.2702166	0.2253279
1.9	0.2688774	0.2239178
2.0	0.2675265	0.2225187
2.1	0.2661639	0.2211308
2.2	0.2647896	0.2197540
2.3	0.2634035	0.2183884
2.4	0.2620058	0.2170338
2.5	0.2605992	0.2156739
2.6	0.2591838	0.2143086
2.7	0.2577595	0.2129379
2.8	0.2563403	0.2115950
2.9	0.2549261	0.2102799
3.0	0.2535171	0.2089926
3.1	0.2521131	0.2077331
3.2	0.2507141	0.2065014
3.3	0.2493202	0.2052975
3.4	0.2479314	0.2041213
3.5	0.2465110	0.2029829
3.6	0.2450590	0.2018822
3.7	0.2435754	0.2008192

3.8	0.2420599	0.1996912
3.9	0.2405124	0.1984983
4.0	0.2389331	0.1972405
4.1	0.2373218	0.1959178
4.2	0.2356786	0.1945301
4.3	0.2340035	0.1930775
4.4	0.2322965	0.1915600
4.5	0.2305799	0.1899871
4.6	0.2288535	0.1883590
4.7	0.2271175	0.1866755
4.8	0.2253698	0.1849950
4.9	0.2236106	0.1833176
5.0	0.2218398	0.1816432
5.1	0.2200574	0.1799718
5.2	0.2182634	0.1783034
5.3	0.2164579	0.1766381
5.4	0.2146407	0.1749758
5.5	0.2128006	0.1732919
5.6	0.2109376	0.1715865
5.7	0.2090517	0.1698595
5.8	0.2071401	0.1681275
5.9	0.2052026	0.1663905
6.0	0.2032393	0.1646484
6.1	0.2012503	0.1629012
6.2	0.1992355	0.1611490
6.3	0.1971950	0.1593917
6.4	0.1951286	0.1576294
6.5	0.1930422	0.1558763
6.6	0.1909357	0.1541325
6.7	0.1888091	0.1523980
6.8	0.1866992	0.1506627
6.9	0.1846058	0.1489269
7.0	0.1825291	0.1471903
7.1	0.1804690	0.1454531
7.2	0.1784254	0.1437153
7.3	0.1763985	0.1419768
7.4	0.1743882	0.1402376
7.5	0.1724086	0.1384696
7.6	0.1704596	0.1366728
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7.8	0.1666315	0.1329832
7.9	0.1647301	0.1310808
8.0	0.1628372	0.1291400
8.1	0.1609527	0.1271607
8.2	0.1590767	0.1251430
8.3	0.1572091	0.1230870
8.4	0.1553500	0.1209924
8.5	0.1534250	0.1188822
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12.7	0.0457196	0.0377468
12.8	0.0440942	0.0365294
12.9	0.0425963	0.0353453
13.0	0.0412260	0.0341946
13.1	0.0399831	0.0330771
13.2	0.0388679	0.0319930
13.3	0.0378802	0.0309423
13.4	0.0370200	0.0299248
13.5	0.0362265	0.0289421
13.6	0.0354997	0.0279941
13.7	0.0348396	0.0270809
13.8	0.0341532	0.0262179
13.9	0.0334404	0.0254052
14.0	0.0327012	0.0246427
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14.2	0.0311438	0.0232685
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14.4	0.0294808	0.0220953
14.5	0.0286518	0.0215853

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14.7	0.0270405	0.0207202
14.8	0.0262559	0.0202854
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15.9	0.0184682	0.0139567
16.0	0.0177735	0.0133620
16.1	0.0170645	0.0127839
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16.3	0.0156039	0.0116779
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16.5	0.0140932	0.0106420
16.6	0.0133268	0.0101540
16.7	0.0125529	0.0096861
16.8	0.0118324	0.0092368
16.9	0.0111654	0.0088060
17.0	0.0105517	0.0083938
17.1	0.0099915	0.0080002
17.2	0.0094847	0.0076252
17.3	0.0090313	0.0072687
17.4	0.0086313	0.0069309
17.5	0.0082859	0.0066146
17.6	0.0079950	0.0063199
17.7	0.0077586	0.0060467
17.8	0.0075348	0.0057937
17.9	0.0073235	0.0055610
18.0	0.0071248	0.0053486
18.1	0.0069386	0.0051563
18.2	0.0067649	0.0049844
18.3	0.0066038	0.0048326
18.4	0.0064553	0.0047011
18.5	0.0063205	0.0045892
18.6	0.0061993	0.0044969
18.7	0.0060919	0.0044242
18.8	0.0059935	0.0043572
18.9	0.0059042	0.0042958
19.0	0.0058239	0.0042401
19.1	0.0057527	0.0041900
19.2	0.0056906	0.0041456
19.3	0.0056376	0.0041069
19.4	0.0055936	0.0040738
19.5	0.0055572	0.0040454
19.6	0.0055283	0.0040218
19.7	0.0055071	0.0040028
19.8	0.0054866	0.0039852
19.9	0.0054670	0.0039690

20.0	0.0054481	0.0039542
20.1	0.0054300	0.0039408
20.2	0.0054126	0.0039288
20.3	0.0053961	0.0039182
20.4	0.0053803	0.0039089
20.5	0.0053661	0.0039019
20.6	0.0053533	0.0038971
20.7	0.0053420	0.0038945
20.8	0.0053311	0.0038912
20.9	0.0053205	0.0038871
21.0	0.0053103	0.0038823
21.1	0.0053005	0.0038767
21.2	0.0052911	0.0038703
21.3	0.0052820	0.0038632
21.4	0.0052733	0.0038553
21.5	0.0052651	0.0038465
21.6	0.0052575	0.0038366
21.7	0.0052504	0.0038259
21.8	0.0052427	0.0038147
21.9	0.0052344	0.0038033
22.0	0.0052254	0.0037915
22.1	0.0052159	0.0037793
22.2	0.0052057	0.0037668
22.3	0.0051949	0.0037540
22.4	0.0051835	0.0037408
22.5	0.0051699	0.0037272
22.6	0.0051541	0.0037132
22.7	0.0051362	0.0036987
22.8	0.0051175	0.0036848
22.9	0.0050982	0.0036713
23.0	0.0050782	0.0036584
23.1	0.0050574	0.0036460
23.2	0.0050360	0.0036342
23.3	0.0050139	0.0036228
23.4	0.0049911	0.0036120
23.5	0.0049680	0.0036007
23.6	0.0049447	0.0035890
23.7	0.0049211	0.0035768
23.8	0.0048965	0.0035634
23.9	0.0048709	0.0035486
24.0	0.0048444	0.0035326
24.1	0.0048169	0.0035153
24.2	0.0047885	0.0034967
24.3	0.0047591	0.0034768
24.4	0.0047287	0.0034557
24.5	0.0046985	0.0034354
24.6	0.0046686	0.0034159
24.7	0.0046389	0.0033973
24.8	0.0046093	0.0033798
24.9	0.0045797	0.0033634
25.0	0.0045502	0.0033480
25.1	0.0045207	0.0033336
25.2	0.0044914	0.0033204
25.3	0.0044621	0.0033082

25.4	0.0044328	0.0032970	
25.5	0.0044036	0.0032862	
25.6	0.0043746	0.0032757	
25.7	0.0043456	0.0032654	
25.8	0.0043183	0.0032556	
25.9	0.0042926	0.0032462	
26.0	0.0042686	0.0032372	
26.1	0.0042462	0.0032286	
26.2	0.0042255	0.0032203	
26.3	0.0042064	0.0032125	
26.4	0.0041890	0.0032051	
26.5	0.0041733	0.0031981	
26.6	0.0041591	0.0031915	
26.7	0.0041467	0.0031853	
26.8	0.0041355	0.0031805	
26.9	0.0041254	0.0031770	
27.0	0.0041167	0.0031750	
27.1	0.0041091	0.0031743	
27.2	0.0041027	0.0031750	
27.3	0.0040976	0.0031770	
27.4	0.0040937	0.0031805	
27.5	0.0040910	0.0031853	
27.6	0.0040896	0.0031915	
27.7	0.0040894	0.0031990	
27.8	0.0040891	0.0032059	
27.9	0.0040890	0.0032119	
28.0	0.0040888	0.0032172	
28.1	0.0040887	0.0032218	
28.2	0.0040885	0.0032256	
28.3	0.0040884	0.0032286	
28.4	0.0040884	0.0032309	
28.5	0.0040883	0.0032331	
28.6	0.0040883	0.0032331	
28.7	0.0040883	0.0032331	
28.8	0.0040883	0.0032331	
28.9	0.0040883	0.0032331	
29.0	0.0040883	0.0032331	
29.1	0.0040883	0.0032331	
29.2	0.0040883	0.0032331	
29.3	0.0040883	0.0032331	
29.4	0.0040883	0.0032331	
29.5	0.0040883	0.0032331	
29.6	0.0040883	0.0032331	
29.7	0.0040883	0.0032331	
29.8	0.0040883	0.0032331	
29.9	0.0040883	0.0032331	
30.0	0.0040883	0.0032331	
Total:			**100.0000000**


Profile characteristics
Profile BUSINESS 2.
Business Day
Public Holiday
Normalized daily
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
-8.0 -6.0 -4.0 -2.0 0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0
Volatile-weight daily average temperature

Profile characteristics

Profile BUSINESS 3.

		Business Day	Public Holiday
volatile-	**-8.0**	0.2102980	0.1871762
weight	**-7.9**	0.2102140	0.1865578
temperature	**-7.8**	0.2101300	0.1859394
values	**-7.7**	0.2100459	0.1853210
C°	**-7.6**	0.2099619	0.1847027
	-7.5	0.2098779	0.1840843
	-7.4	0.2097938	0.1834659
	-7.3	0.2097098	0.1828476
	-7.2	0.2096258	0.1822292
	-7.1	0.2095417	0.1816108
	-7.0	0.2094577	0.1809924
	-6.9	0.2093736	0.1803741
	-6.8	0.2092896	0.1797557
	-6.7	0.2092056	0.1791373
	-6.6	0.2091215	0.1785189
	-6.5	0.2090375	0.1779006
	-6.4	0.2089535	0.1772822
	-6.3	0.2088694	0.1766638
	-6.2	0.2087854	0.1760454
	-6.1	0.2087013	0.1754271
	-6.0	0.2086173	0.1748087
	-5.9	0.2085333	0.1741903
	-5.8	0.2084492	0.1735719
	-5.7	0.2083652	0.1729536
	-5.6	0.2082812	0.1723352
	-5.5	0.2081971	0.1717168
	-5.4	0.2081131	0.1710985
	-5.3	0.2080291	0.1704801

-5.2	0.2079450	0.1698617
-5.1	0.2078610	0.1692433
-5.0	0.2077769	0.1686250
-4.9	0.2076929	0.1680066
-4.8	0.2076089	0.1673882
-4.7	0.2075248	0.1667698
-4.6	0.2074408	0.1661515
-4.5	0.2073568	0.1655331
-4.4	0.2072727	0.1649147
-4.3	0.2071887	0.1642963
-4.2	0.2071047	0.1636780
-4.1	0.2070206	0.1630596
-4.0	0.2069366	0.1624412
-3.9	0.2068525	0.1618228
-3.8	0.2067685	0.1612045
-3.7	0.2066845	0.1605861
-3.6	0.2066004	0.1599677
-3.5	0.2065164	0.1593493
-3.4	0.2064324	0.1587310
-3.3	0.2063483	0.1581126
-3.2	0.2062643	0.1574942
-3.1	0.2061803	0.1568759
-3.0	0.2060962	0.1562575
-2.9	0.2060122	0.1556391
-2.8	0.2059281	0.1550207
-2.7	0.2058441	0.1544024
-2.6	0.2057601	0.1537840
-2.5	0.2056760	0.1531656
-2.4	0.2055920	0.1525472
-2.3	0.2055080	0.1519289
-2.2	0.2054239	0.1513105
-2.1	0.2053399	0.1506921
-2.0	0.2052559	0.1500737
-1.9	0.2051718	0.1494554
-1.8	0.2050878	0.1488370
-1.7	0.2050037	0.1482186

-1.6	0.2049197	0.1476002
-1.5	0.2048505	0.1469788
-1.4	0.2047961	0.1463544
-1.3	0.2047566	0.1457269
-1.2	0.2047318	0.1450964
-1.1	0.2047220	0.1444629
-1.0	0.2047269	0.1438263
-0.9	0.2047467	0.1431867
-0.8	0.2047812	0.1425441
-0.7	0.2048307	0.1418984
-0.6	0.2048949	0.1412497
-0.5	0.2049654	0.1405828
-0.4	0.2050420	0.1398978
-0.3	0.2051248	0.1391946
-0.2	0.2052138	0.1384733
-0.1	0.2053090	0.1377338
0.0	0.2054104	0.1369761
0.1	0.2055180	0.1362003
0.2	0.2056317	0.1354063
0.3	0.2057517	0.1345941
0.4	0.2058778	0.1337638
0.5	0.2059828	0.1329660
0.6	0.2060667	0.1322005
0.7	0.2061295	0.1314675
0.8	0.2061711	0.1307670
0.9	0.2061916	0.1300988
1.0	0.2061910	0.1294632
1.1	0.2061692	0.1288599
1.2	0.2061263	0.1282891
1.3	0.2060623	0.1277507
1.4	0.2059771	0.1272448
1.5	0.2058643	0.1267333
1.6	0.2057238	0.1262164
1.7	0.2055557	0.1256940
1.8	0.2053450	0.1251691
1.9	0.2050919	0.1246417
2.0	0.2047962	0.1241119
2.1	0.2044581	0.1235796
2.2	0.2040775	0.1230448
2.3	0.2036543	0.1225076
2.4	0.2031887	0.1219679
2.5	0.2027044	0.1214305
2.6	0.2022015	0.1208954
2.7	0.2016798	0.1203626
2.8	0.2011482	0.1198473
2.9	0.2006065	0.1193495
3.0	0.2000548	0.1188690
3.1	0.1994931	0.1184060
3.2	0.1989213	0.1179605
3.3	0.1983395	0.1175324
3.4	0.1977477	0.1171217
3.5	0.1971011	0.1167255
3.6	0.1963999	0.1163438
3.7	0.1956439	0.1159764

3.8	0.1948606	0.1155730
3.9	0.1940498	0.1151334
4.0	0.1932117	0.1146576
4.1	0.1923461	0.1141457
4.2	0.1914532	0.1135977
4.3	0.1905328	0.1130135
4.4	0.1895851	0.1123931
4.5	0.1886558	0.1117378
4.6	0.1877451	0.1110477
4.7	0.1868528	0.1103225
4.8	0.1859856	0.1096004
4.9	0.1851434	0.1088814
5.0	0.1843262	0.1081653
5.1	0.1835341	0.1074523
5.2	0.1827669	0.1067422
5.3	0.1820248	0.1060352
5.4	0.1813078	0.1053312
5.5	0.1805872	0.1046391
5.6	0.1798631	0.1039589
5.7	0.1791355	0.1032906
5.8	0.1783806	0.1026293
5.9	0.1775983	0.1019752
6.0	0.1767887	0.1013282
6.1	0.1759518	0.1006883
6.2	0.1750875	0.1000555
6.3	0.1741959	0.0994298
6.4	0.1732769	0.0988112
6.5	0.1723403	0.0981886
6.6	0.1713862	0.0975621
6.7	0.1704145	0.0969315
6.8	0.1694699	0.0962999
6.9	0.1685523	0.0956674
7.0	0.1676619	0.0950338
7.1	0.1667986	0.0943992
7.2	0.1659623	0.0937637
7.3	0.1651532	0.0931271
7.4	0.1643712	0.0924896
7.5	0.1636054	0.0918607
7.6	0.1628560	0.0912406
7.7	0.1621229	0.0906292
7.8	0.1613602	0.0900253
7.9	0.1605679	0.0894289
8.0	0.1597461	0.0888400
8.1	0.1588947	0.0882585
8.2	0.1580137	0.0876846
8.3	0.1571031	0.0871182
8.4	0.1561629	0.0865592
8.5	0.1551662	0.0860002
8.6	0.1541130	0.0854412
8.7	0.1530031	0.0848823
8.8	0.1518653	0.0843144
8.9	0.1506995	0.0837376
9.0	0.1495056	0.0831519
9.1	0.1482837	0.0825574

9.2	0.1470338	0.0819539
9.3	0.1457559	0.0813416
9.4	0.1444500	0.0807204
9.5	0.1431708	0.0800699
9.6	0.1419181	0.0793901
9.7	0.1406922	0.0786810
9.8	0.1394831	0.0779537
9.9	0.1382909	0.0772082
10.0	0.1371156	0.0764445
10.1	0.1359573	0.0756626
10.2	0.1348158	0.0748625
10.3	0.1336912	0.0740442
10.4	0.1325835	0.0732077
10.5	0.1315341	0.0724259
10.6	0.1305430	0.0716987
10.7	0.1296102	0.0710261
10.8	0.1287465	0.0703985
10.9	0.1279519	0.0698157
11.0	0.1272264	0.0692779
11.1	0.1265700	0.0687851
11.2	0.1259826	0.0683371
11.3	0.1254644	0.0679341
11.4	0.1250152	0.0675760
11.5	0.1245896	0.0672565
11.6	0.1241877	0.0669757
11.7	0.1238093	0.0667335
11.8	0.1234815	0.0665374
11.9	0.1232044	0.0663875
12.0	0.1229778	0.0662837
12.1	0.1228018	0.0662261
12.2	0.1226763	0.0662146
12.3	0.1226015	0.0662493
12.4	0.1225772	0.0663301
12.5	0.1225898	0.0664029
12.6	0.1226393	0.0664677
12.7	0.1227256	0.0665246
12.8	0.1227941	0.0665939
12.9	0.1228447	0.0666756
13.0	0.1228776	0.0667697
13.1	0.1228926	0.0668763
13.2	0.1228899	0.0669953
13.3	0.1228693	0.0671267
13.4	0.1228309	0.0672705
13.5	0.1228277	0.0674596
13.6	0.1228596	0.0676939
13.7	0.1229267	0.0679735
13.8	0.1229876	0.0682255
13.9	0.1230421	0.0684499
14.0	0.1230905	0.0686468
14.1	0.1231326	0.0688160
14.2	0.1231684	0.0689576
14.3	0.1231980	0.0690717
14.4	0.1232214	0.0691582
14.5	0.1232427	0.0692570

14.6	0.1232620	0.0693683
14.7	0.1232792	0.0694920
14.8	0.1233399	0.0696343
14.9	0.1234441	0.0697954
15.0	0.1235917	0.0699751
15.1	0.1237827	0.0701735
15.2	0.1240171	0.0703906
15.3	0.1242951	0.0706264
15.4	0.1246164	0.0708808
15.5	0.1249482	0.0710964
15.6	0.1252904	0.0712731
15.7	0.1256431	0.0714109
15.8	0.1260199	0.0715639
15.9	0.1264208	0.0717322
16.0	0.1268460	0.0719157
16.1	0.1272953	0.0721144
16.2	0.1277687	0.0723284
16.3	0.1282663	0.0725576
16.4	0.1287881	0.0728020
16.5	0.1293040	0.0731095
16.6	0.1298139	0.0734799
16.7	0.1303179	0.0739133
16.8	0.1307630	0.0743769
16.9	0.1311492	0.0748707
17.0	0.1314765	0.0753946
17.1	0.1317450	0.0759487
17.2	0.1319545	0.0765330
17.3	0.1321052	0.0771474
17.4	0.1321969	0.0777920
17.5	0.1322770	0.0784630
17.6	0.1323454	0.0791604
17.7	0.1324020	0.0798842
17.8	0.1324428	0.0805945
17.9	0.1324676	0.0812911
18.0	0.1324766	0.0819742
18.1	0.1324696	0.0826437
18.2	0.1324467	0.0832995
18.3	0.1324079	0.0839418
18.4	0.1323532	0.0845706
18.5	0.1322521	0.0851336
18.6	0.1321046	0.0856309
18.7	0.1319107	0.0860626
18.8	0.1317035	0.0864862
18.9	0.1314828	0.0869017
19.0	0.1312488	0.0873090
19.1	0.1310014	0.0877083
19.2	0.1307407	0.0880995
19.3	0.1304665	0.0884825
19.4	0.1301790	0.0888575
19.5	0.1298736	0.0892322
19.6	0.1295504	0.0896067
19.7	0.1292094	0.0899809
19.8	0.1288806	0.0903072
19.9	0.1285640	0.0905855

20.0	0.1282597	0.0908158
20.1	0.1279676	0.0909981
20.2	0.1276878	0.0911324
20.3	0.1274202	0.0912188
20.4	0.1271648	0.0912571
20.5	0.1269523	0.0912816
20.6	0.1267825	0.0912922
20.7	0.1266554	0.0912890
20.8	0.1265239	0.0912757
20.9	0.1263880	0.0912523
21.0	0.1262477	0.0912189
21.1	0.1261029	0.0911753
21.2	0.1259537	0.0911216
21.3	0.1258001	0.0910579
21.4	0.1256421	0.0909841
21.5	0.1254491	0.0908800
21.6	0.1252212	0.0907458
21.7	0.1249584	0.0905812
21.8	0.1246912	0.0904386
21.9	0.1244195	0.0903178
22.0	0.1241434	0.0902189
22.1	0.1238628	0.0901418
22.2	0.1235778	0.0900866
22.3	0.1232884	0.0900533
22.4	0.1229945	0.0900418
22.5	0.1227056	0.0900519
22.6	0.1224218	0.0900838
22.7	0.1221429	0.0901372
22.8	0.1218735	0.0902045
22.9	0.1216136	0.0902855
23.0	0.1213632	0.0903803
23.1	0.1211222	0.0904889
23.2	0.1208907	0.0906112
23.3	0.1206687	0.0907474
23.4	0.1204562	0.0908973
23.5	0.1202497	0.0910589
23.6	0.1200492	0.0912324
23.7	0.1198548	0.0914176
23.8	0.1196359	0.0915804
23.9	0.1193925	0.0917208
24.0	0.1191247	0.0918388
24.1	0.1188324	0.0919345
24.2	0.1185156	0.0920077
24.3	0.1181743	0.0920586
24.4	0.1178086	0.0920871
24.5	0.1174406	0.0921106
24.6	0.1170704	0.0921290
24.7	0.1166980	0.0921424
24.8	0.1163539	0.0921708
24.9	0.1160380	0.0922144
25.0	0.1157504	0.0922730
25.1	0.1154911	0.0923468
25.2	0.1152600	0.0924356
25.3	0.1150573	0.0925395

25.4	0.1148828	0.0926585	
25.5	0.1147268	0.0927778	
25.6	0.1145894	0.0928973	
25.7	0.1144705	0.0930170	
25.8	0.1143607	0.0931371	
25.9	0.1142600	0.0932577	
26.0	0.1141684	0.0933787	
26.1	0.1140859	0.0935002	
26.2	0.1140125	0.0936220	
26.3	0.1139482	0.0937444	
26.4	0.1138930	0.0938671	
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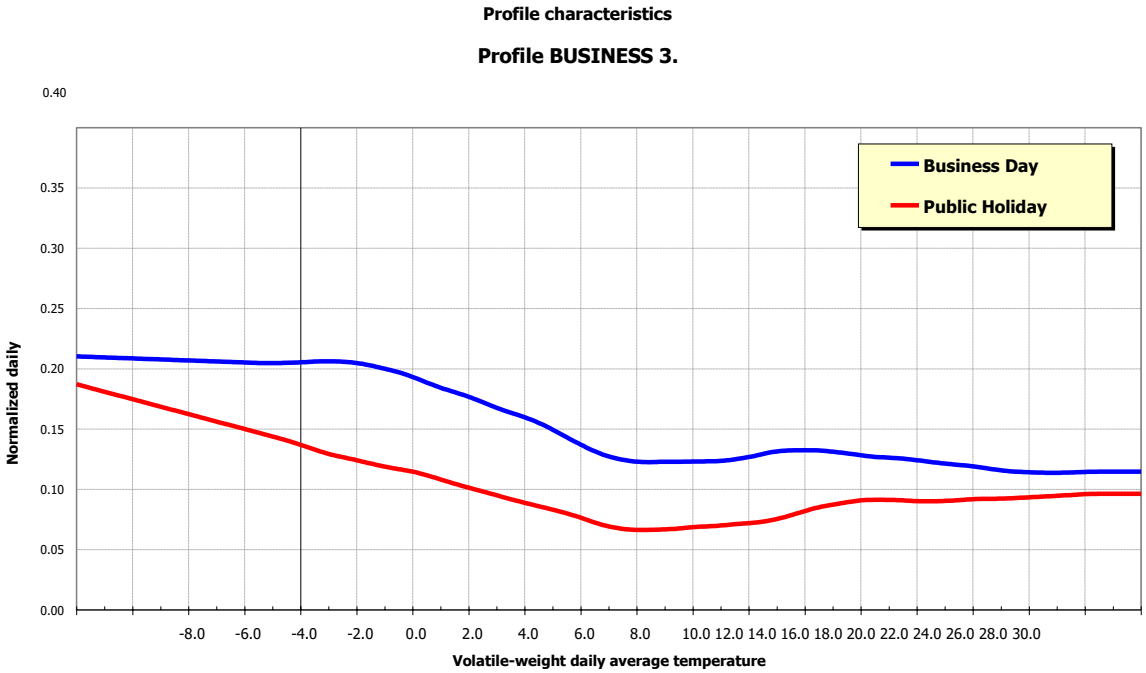
26.6	0.1138098	0.0941140	
26.7	0.1137819	0.0942381	
26.8	0.1137665	0.0943646	
26.9	0.1137636	0.0944936	
27.0	0.1137732	0.0946251	
27.1	0.1137954	0.0947590	
27.2	0.1138301	0.0948954	
27.3	0.1138773	0.0950342	
27.4	0.1139370	0.0951755	
27.5	0.1140093	0.0953193	
27.6	0.1140941	0.0954655	
27.7	0.1141914	0.0956142	
27.8	0.1142790	0.0957480	
27.9	0.1143568	0.0958670	
28.0	0.1144249	0.0959711	
28.1	0.1144833	0.0960603	
28.2	0.1145320	0.0961346	
28.3	0.1145709	0.0961941	
28.4	0.1146001	0.0962387	
28.5	0.1146293	0.0962833	
28.6	0.1146293	0.0962833	
28.7	0.1146293	0.0962833	
28.8	0.1146293	0.0962833	
28.9	0.1146293	0.0962833	
29.0	0.1146293	0.0962833	
29.1	0.1146293	0.0962833	
29.2	0.1146293	0.0962833	
29.3	0.1146293	0.0962833	
29.4	0.1146293	0.0962833	
29.5	0.1146293	0.0962833	
29.6	0.1146293	0.0962833	
29.7	0.1146293	0.0962833	
29.8	0.1146293	0.0962833	
29.9	0.1146293	0.0962833	
30.0	0.1146293	0.0962833	
Total:			**100.0000000**


Profile characteristics
Profile BUSINESS 3.
Business Day
Public Holiday
Normalized daily
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
-8.0 -6.0 -4.0 -2.0 0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0
Volatile-weight daily average temperature

Multiplicative season factor

Business segment

		Winter 01.12. - 31.12. 01.01. - 02.28.	Transition in heating period 01.03. - 15.04. 16.10. - 30.11.	Transition in non-heating period 16.04. - 31.05. 01.09. - 15.10.	Summer 01.06. - 31.08.
volatile-	**-8.0**	1.0000000	1.0000000	0.9683289	0.7065843
weight	**-7.9**	1.0000000	1.0000000	0.9683289	0.7065843
temperature	**-7.8**	1.0000000	1.0000000	0.9683289	0.7065843
values	**-7.7**	1.0000000	1.0000000	0.9683289	0.7065843
C°	**-7.6**	1.0000000	1.0000000	0.9683289	0.7065843
	-7.5	1.0000000	1.0000000	0.9683289	0.7065843
	-7.4	1.0000000	1.0000000	0.9683289	0.7065843
	-7.3	1.0000000	1.0000000	0.9683289	0.7065843
	-7.2	1.0000000	1.0000000	0.9683289	0.7065843
	-7.1	1.0000000	1.0000000	0.9683289	0.7065843
	-7.0	1.0000000	1.0000000	0.9683289	0.7065843
	-6.9	1.0000000	1.0000000	0.9683289	0.7065843
	-6.8	1.0000000	1.0000000	0.9683289	0.7065843
	-6.7	1.0000000	1.0000000	0.9683289	0.7065843
	-6.6	1.0000000	1.0000000	0.9683289	0.7065843
	-6.5	1.0000000	1.0000000	0.9683289	0.7065843
	-6.4	1.0000000	1.0000000	0.9683289	0.7065843
	-6.3	1.0000000	1.0000000	0.9683289	0.7065843
	-6.2	1.0000000	1.0000000	0.9683289	0.7065843
	-6.1	1.0000000	1.0000000	0.9683289	0.7065843
	-6.0	1.0000000	1.0000000	0.9683289	0.7065843
	-5.9	1.0000000	1.0000000	0.9683289	0.7065843
	-5.8	1.0000000	1.0000000	0.9683289	0.7065843
	-5.7	1.0000000	1.0000000	0.9683289	0.7065843
	-5.6	1.0000000	1.0000000	0.9683289	0.7065843
	-5.5	1.0000000	1.0000000	0.9683289	0.7065843
	-5.4	1.0000000	1.0000000	0.9683289	0.7065843

-5.3	1.0000000	1.0000000	0.9683289	0.7065843
-5.2	1.0000000	1.0000000	0.9683289	0.7065843
-5.1	1.0000000	1.0000000	0.9683289	0.7065843
-5.0	1.0000000	1.0000000	0.9683289	0.7065843
-4.9	1.0000000	1.0000000	0.9683289	0.7065843
-4.8	1.0000000	1.0000000	0.9683289	0.7065843
-4.7	1.0000000	1.0000000	0.9683289	0.7065843
-4.6	1.0000000	1.0000000	0.9683289	0.7065843
-4.5	1.0000000	1.0000000	0.9683289	0.7065843
-4.4	1.0000000	1.0000000	0.9683289	0.7065843
-4.3	1.0000000	1.0000000	0.9683289	0.7065843
-4.2	1.0000000	1.0000000	0.9683289	0.7065843
-4.1	1.0000000	1.0000000	0.9683289	0.7065843
-4.0	1.0000000	1.0000000	0.9683289	0.7065843
-3.9	1.0000000	1.0000000	0.9683289	0.7065843
-3.8	1.0000000	1.0000000	0.9683289	0.7065843
-3.7	1.0000000	1.0000000	0.9683289	0.7065843
-3.6	1.0000000	1.0000000	0.9683289	0.7065843
-3.5	1.0000000	1.0000000	0.9683289	0.7065843
-3.4	1.0000000	1.0000000	0.9683289	0.7065843
-3.3	1.0000000	1.0000000	0.9683289	0.7065843
-3.2	1.0000000	1.0000000	0.9683289	0.7065843
-3.1	1.0000000	1.0000000	0.9683289	0.7065843
-3.0	1.0000000	1.0000000	0.9683289	0.7065843
-2.9	1.0000000	1.0000000	0.9683289	0.7065843
-2.8	1.0000000	1.0000000	0.9683289	0.7065843
-2.7	1.0000000	1.0000000	0.9683289	0.7065843
-2.6	1.0000000	1.0000000	0.9683289	0.7065843
-2.5	1.0000000	1.0000000	0.9683289	0.7065843
-2.4	1.0000000	1.0000000	0.9683289	0.7065843
-2.3	1.0000000	1.0000000	0.9683289	0.7065843
-2.2	1.0000000	1.0000000	0.9683289	0.7065843
-2.1	1.0000000	1.0000000	0.9683289	0.7065843
-2.0	1.0000000	1.0000000	0.9683289	0.7065843
-1.9	1.0000000	1.0000000	0.9683289	0.7065843

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-1.2	1.0000000	1.0000000	0.9683289	0.7065843
-1.1	1.0000000	1.0000000	0.9683289	0.7065843
-1.0	1.0000000	1.0000000	0.9683289	0.7065843
-0.9	1.0000000	1.0000000	0.9683289	0.7065843
-0.8	1.0000000	1.0000000	0.9683289	0.7065843
-0.7	1.0000000	1.0000000	0.9683289	0.7065843
-0.6	1.0000000	1.0000000	0.9683289	0.7065843
-0.5	1.0000000	1.0000000	0.9683289	0.7065843
-0.4	1.0000000	1.0000000	0.9683289	0.7065843
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1.0	1.0000000	1.0000000	0.9683289	0.7065843
1.1	1.0004357	0.9997759	0.9683289	0.7065843
1.2	1.0008714	0.9995519	0.9683289	0.7065843
1.3	1.0013071	0.9993278	0.9683289	0.7065843
1.4	1.0017428	0.9991038	0.9683289	0.7065843
1.5	1.0021785	0.9988797	0.9683289	0.7065843
1.6	1.0026141	0.9986557	0.9683289	0.7065843
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1.8	1.0034855	0.9982076	0.9683289	0.7065843
1.9	1.0039212	0.9979835	0.9683289	0.7065843
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3.0	1.0083451	1.0012341	0.9683289	0.7065843
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7.0	1.0352364	0.9826860	0.7593823	0.7065843
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8.5	1.0694055	1.0009684	0.8197137	0.7065843
8.6	1.0719507	1.0033593	0.8162139	0.7065843
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8.8	1.0770412	1.0081412	0.8092143	0.7065843
8.9	1.0795864	1.0105322	0.8057145	0.7065843

9.0	1.0821316	1.0129231	0.8022147	0.7065843
9.1	1.0886845	1.0166144	0.7996917	0.7065843
9.2	1.0952373	1.0203057	0.7971688	0.7065843
9.3	1.1017902	1.0239970	0.7946458	0.7065843
9.4	1.1083430	1.0276883	0.7921228	0.7065843
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9.6	1.1214487	1.0350709	0.7870768	0.7065843
9.7	1.1280016	1.0387622	0.7845538	0.7065843
9.8	1.1345545	1.0424535	0.7820308	0.7065843
9.9	1.1411073	1.0461448	0.7795078	0.7065843
10.0	1.1476602	1.0498361	0.7769848	0.7065843
10.1	1.1570382	1.0565630	0.7718951	0.7065843
10.2	1.1664162	1.0632899	0.7668054	0.7065843
10.3	1.1757942	1.0700167	0.7617158	0.7065843
10.4	1.1851722	1.0767436	0.7566261	0.7065843
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10.8	1.2226842	1.1036511	0.7362673	0.7065843
10.9	1.2320622	1.1103780	0.7311776	0.7065843
11.0	1.2414402	1.1171049	0.7260879	0.7065843
11.1	1.2414402	1.1259097	0.7313954	0.7105005
11.2	1.2414402	1.1347145	0.7367028	0.7144167
11.3	1.2414402	1.1435193	0.7420103	0.7183329
11.4	1.2414402	1.1523241	0.7473177	0.7222492
11.5	1.2414402	1.1611289	0.7526252	0.7261654
11.6	1.2414402	1.1699337	0.7579326	0.7300816
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11.9	1.2414402	1.1963481	0.7738550	0.7418302
12.0	1.2414402	1.2051529	0.7791624	0.7457464
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12.4	1.2414402	1.2788263	0.8021539	0.7620607
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12.8	1.2414402	1.3524996	0.8251453	0.7783751
12.9	1.2414402	1.3709180	0.8308932	0.7824536
13.0	1.2414402	1.3893363	0.8366411	0.7865322
13.1	1.2414402	1.4034662	0.8420342	0.7880907
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13.4	1.2414402	1.4458558	0.8582136	0.7927661
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13.8	1.2414402	1.5023752	0.8797861	0.7989999
13.9	1.2414402	1.5165051	0.8851793	0.8005584
14.0	1.2414402	1.5306349	0.8905724	0.8021168
14.1	1.2414402	1.5337688	0.8934372	0.8028932
14.2	1.2414402	1.5369026	0.8963020	0.8036695
14.3	1.2414402	1.5400365	0.8991668	0.8044458

14.4	1.2414402	1.5431703	0.9020316	0.8052221
14.5	1.2414402	1.5463041	0.9048964	0.8059984
14.6	1.2414402	1.5494380	0.9077612	0.8067747
14.7	1.2414402	1.5525718	0.9106260	0.8075510
14.8	1.2414402	1.5557056	0.9134908	0.8083274
14.9	1.2414402	1.5588395	0.9163555	0.8091037
15.0	1.2414402	1.5619733	0.9192203	0.8098800
15.1	1.2414402	1.5483777	0.9214992	0.8138058
15.2	1.2414402	1.5347821	0.9237781	0.8177316
15.3	1.2414402	1.5211864	0.9260570	0.8216575
15.4	1.2414402	1.5075908	0.9283358	0.8255833
15.5	1.2414402	1.4939952	0.9306147	0.8295091
15.6	1.2414402	1.4803996	0.9328936	0.8334349
15.7	1.2414402	1.4668040	0.9351724	0.8373608
15.8	1.2414402	1.4532083	0.9374513	0.8412866
15.9	1.2414402	1.4396127	0.9397302	0.8452124
16.0	1.2414402	1.4260171	0.9420091	0.8491382
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16.2	1.2414402	1.4260171	0.9476022	0.8617766
16.3	1.2414402	1.4260171	0.9503987	0.8680958
16.4	1.2414402	1.4260171	0.9531953	0.8744150
16.5	1.2414402	1.4260171	0.9559918	0.8807342
16.6	1.2414402	1.4260171	0.9587884	0.8870534
16.7	1.2414402	1.4260171	0.9615849	0.8933726
16.8	1.2414402	1.4260171	0.9643815	0.8996918
16.9	1.2414402	1.4260171	0.9671780	0.9060110
17.0	1.2414402	1.4260171	0.9699746	0.9123302
17.1	1.2414402	1.4260171	0.9735146	0.9161979
17.2	1.2414402	1.4260171	0.9770546	0.9200656
17.3	1.2414402	1.4260171	0.9805947	0.9239334
17.4	1.2414402	1.4260171	0.9841347	0.9278011
17.5	1.2414402	1.4260171	0.9876747	0.9316688
17.6	1.2414402	1.4260171	0.9912148	0.9355366
17.7	1.2414402	1.4260171	0.9947548	0.9394043
17.8	1.2414402	1.4260171	0.9982948	0.9432720
17.9	1.2414402	1.4260171	1.0018348	0.9471398
18.0	1.2414402	1.4260171	1.0053749	0.9510075
18.1	1.2414402	1.4260171	1.0071865	0.9535543
18.2	1.2414402	1.4260171	1.0089982	0.9561012
18.3	1.2414402	1.4260171	1.0108099	0.9586480
18.4	1.2414402	1.4260171	1.0126216	0.9611948
18.5	1.2414402	1.4260171	1.0144332	0.9637417
18.6	1.2414402	1.4260171	1.0162449	0.9662885
18.7	1.2414402	1.4260171	1.0180566	0.9688353
18.8	1.2414402	1.4260171	1.0198683	0.9713821
18.9	1.2414402	1.4260171	1.0216800	0.9739290
19.0	1.2414402	1.4260171	1.0234916	0.9764758
19.1	1.2414402	1.4260171	1.0281330	0.9785980
19.2	1.2414402	1.4260171	1.0327743	0.9807201
19.3	1.2414402	1.4260171	1.0374156	0.9828423
19.4	1.2414402	1.4260171	1.0420570	0.9849645
19.5	1.2414402	1.4260171	1.0466983	0.9870867
19.6	1.2414402	1.4260171	1.0513397	0.9892088
19.7	1.2414402	1.4260171	1.0559810	0.9913310

19.8	1.2414402	1.4260171	1.0606223	0.9934532
19.9	1.2414402	1.4260171	1.0652637	0.9955753
20.0	1.2414402	1.4260171	1.0699050	0.9976975
20.1	1.2414402	1.4260171	1.0672533	0.9988049
20.2	1.2414402	1.4260171	1.0646017	0.9999123
20.3	1.2414402	1.4260171	1.0619500	1.0010197
20.4	1.2414402	1.4260171	1.0592983	1.0021271
20.5	1.2414402	1.4260171	1.0566467	1.0032345
20.6	1.2414402	1.4260171	1.0539950	1.0043420
20.7	1.2414402	1.4260171	1.0513433	1.0054494
20.8	1.2414402	1.4260171	1.0486917	1.0065568
20.9	1.2414402	1.4260171	1.0460400	1.0076642
21.0	1.2414402	1.4260171	1.0433884	1.0087716
21.1	1.2414402	1.4260171	1.0426491	1.0086451
21.2	1.2414402	1.4260171	1.0419099	1.0085187
21.3	1.2414402	1.4260171	1.0411707	1.0083922
21.4	1.2414402	1.4260171	1.0404314	1.0082658
21.5	1.2414402	1.4260171	1.0396922	1.0081393
21.6	1.2414402	1.4260171	1.0389530	1.0080129
21.7	1.2414402	1.4260171	1.0382137	1.0078864
21.8	1.2414402	1.4260171	1.0374745	1.0077600
21.9	1.2414402	1.4260171	1.0367353	1.0076335
22.0	1.2414402	1.4260171	1.0359960	1.0075071
22.1	1.2414402	1.4260171	1.0253202	1.0067180
22.2	1.2414402	1.4260171	1.0146445	1.0059289
22.3	1.2414402	1.4260171	1.0039687	1.0051398
22.4	1.2414402	1.4260171	0.9932929	1.0043507
22.5	1.2414402	1.4260171	0.9826171	1.0035616
22.6	1.2414402	1.4260171	0.9719413	1.0027725
22.7	1.2414402	1.4260171	0.9612655	1.0019834
22.8	1.2414402	1.4260171	0.9505897	1.0011943
22.9	1.2414402	1.4260171	0.9399139	1.0004052
23.0	1.2414402	1.4260171	0.9292382	0.9996161
23.1	1.2414402	1.4260171	0.9183602	0.9997290
23.2	1.2414402	1.4260171	0.9074822	0.9998418
23.3	1.2414402	1.4260171	0.8966042	0.9999547
23.4	1.2414402	1.4260171	0.8857262	1.0000675
23.5	1.2414402	1.4260171	0.8748483	1.0001804
23.6	1.2414402	1.4260171	0.8639703	1.0002933
23.7	1.2414402	1.4260171	0.8530923	1.0004061
23.8	1.2414402	1.4260171	0.8422143	1.0005190
23.9	1.2414402	1.4260171	0.8313363	1.0006318
24.0	1.2414402	1.4260171	0.8204584	1.0007447
24.1	1.2414402	1.4260171	0.8204584	1.0001004
24.2	1.2414402	1.4260171	0.8204584	0.9994562
24.3	1.2414402	1.4260171	0.8204584	0.9988119
24.4	1.2414402	1.4260171	0.8204584	0.9981676
24.5	1.2414402	1.4260171	0.8204584	0.9975234
24.6	1.2414402	1.4260171	0.8204584	0.9968791
24.7	1.2414402	1.4260171	0.8204584	0.9962349
24.8	1.2414402	1.4260171	0.8204584	0.9955906
24.9	1.2414402	1.4260171	0.8204584	0.9949463
25.0	1.2414402	1.4260171	0.8204584	0.9943021
25.1	1.2414402	1.4260171	0.8204584	0.9948719

25.2	1.2414402	1.4260171	0.8204584	0.9954417
25.3	1.2414402	1.4260171	0.8204584	0.9960115
25.4	1.2414402	1.4260171	0.8204584	0.9965813
25.5	1.2414402	1.4260171	0.8204584	0.9971510
25.6	1.2414402	1.4260171	0.8204584	0.9977208
25.7	1.2414402	1.4260171	0.8204584	0.9982906
25.8	1.2414402	1.4260171	0.8204584	0.9988604
25.9	1.2414402	1.4260171	0.8204584	0.9994302
26.0	1.2414402	1.4260171	0.8204584	1.0000000
26.1	1.2414402	1.4260171	0.8204584	1.0000000
26.2	1.2414402	1.4260171	0.8204584	1.0000000
26.3	1.2414402	1.4260171	0.8204584	1.0000000
26.4	1.2414402	1.4260171	0.8204584	1.0000000
26.5	1.2414402	1.4260171	0.8204584	1.0000000
26.6	1.2414402	1.4260171	0.8204584	1.0000000
26.7	1.2414402	1.4260171	0.8204584	1.0000000
26.8	1.2414402	1.4260171	0.8204584	1.0000000
26.9	1.2414402	1.4260171	0.8204584	1.0000000
27.0	1.2414402	1.4260171	0.8204584	1.0000000
27.1	1.2414402	1.4260171	0.8204584	1.0000000
27.2	1.2414402	1.4260171	0.8204584	1.0000000
27.3	1.2414402	1.4260171	0.8204584	1.0000000
27.4	1.2414402	1.4260171	0.8204584	1.0000000
27.5	1.2414402	1.4260171	0.8204584	1.0000000
27.6	1.2414402	1.4260171	0.8204584	1.0000000
27.7	1.2414402	1.4260171	0.8204584	1.0000000
27.8	1.2414402	1.4260171	0.8204584	1.0000000
27.9	1.2414402	1.4260171	0.8204584	1.0000000
28.0	1.2414402	1.4260171	0.8204584	1.0000000
28.1	1.2414402	1.4260171	0.8204584	1.0000000
28.2	1.2414402	1.4260171	0.8204584	1.0000000
28.3	1.2414402	1.4260171	0.8204584	1.0000000
28.4	1.2414402	1.4260171	0.8204584	1.0000000
28.5	1.2414402	1.4260171	0.8204584	1.0000000
28.6	1.2414402	1.4260171	0.8204584	1.0000000
28.7	1.2414402	1.4260171	0.8204584	1.0000000
28.8	1.2414402	1.4260171	0.8204584	1.0000000
28.9	1.2414402	1.4260171	0.8204584	1.0000000
29.0	1.2414402	1.4260171	0.8204584	1.0000000
29.1	1.2414402	1.4260171	0.8204584	1.0000000
29.2	1.2414402	1.4260171	0.8204584	1.0000000
29.3	1.2414402	1.4260171	0.8204584	1.0000000
29.4	1.2414402	1.4260171	0.8204584	1.0000000
29.5	1.2414402	1.4260171	0.8204584	1.0000000
29.6	1.2414402	1.4260171	0.8204584	1.0000000
29.7	1.2414402	1.4260171	0.8204584	1.0000000
29.8	1.2414402	1.4260171	0.8204584	1.0000000
29.9	1.2414402	1.4260171	0.8204584	1.0000000
30.0	1.2414402	1.4260171	0.8204584	1.0000000

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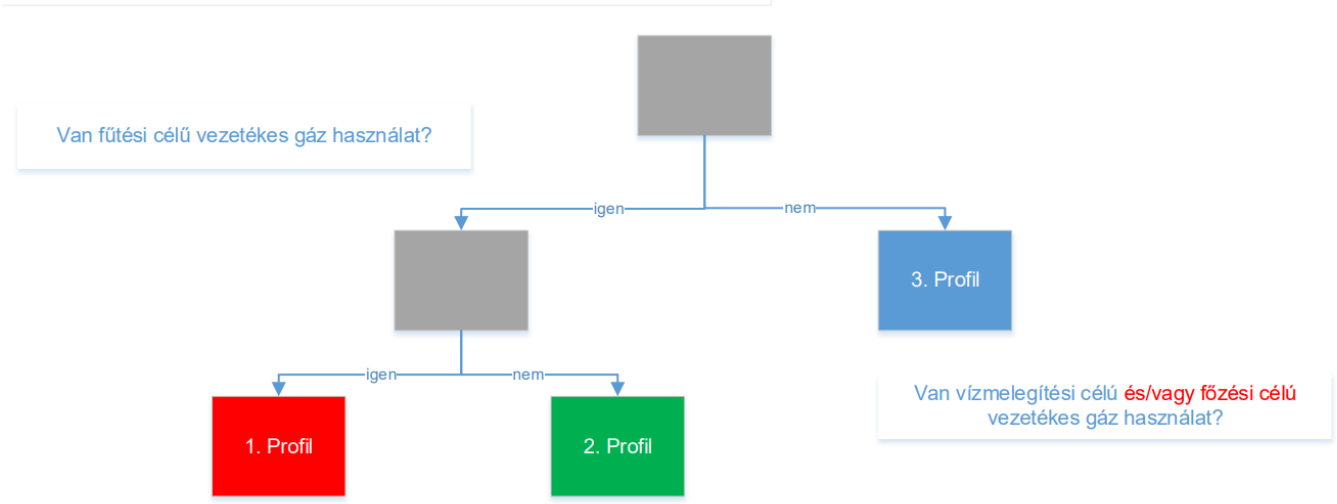
Decision tree for the profile classification of household consumers



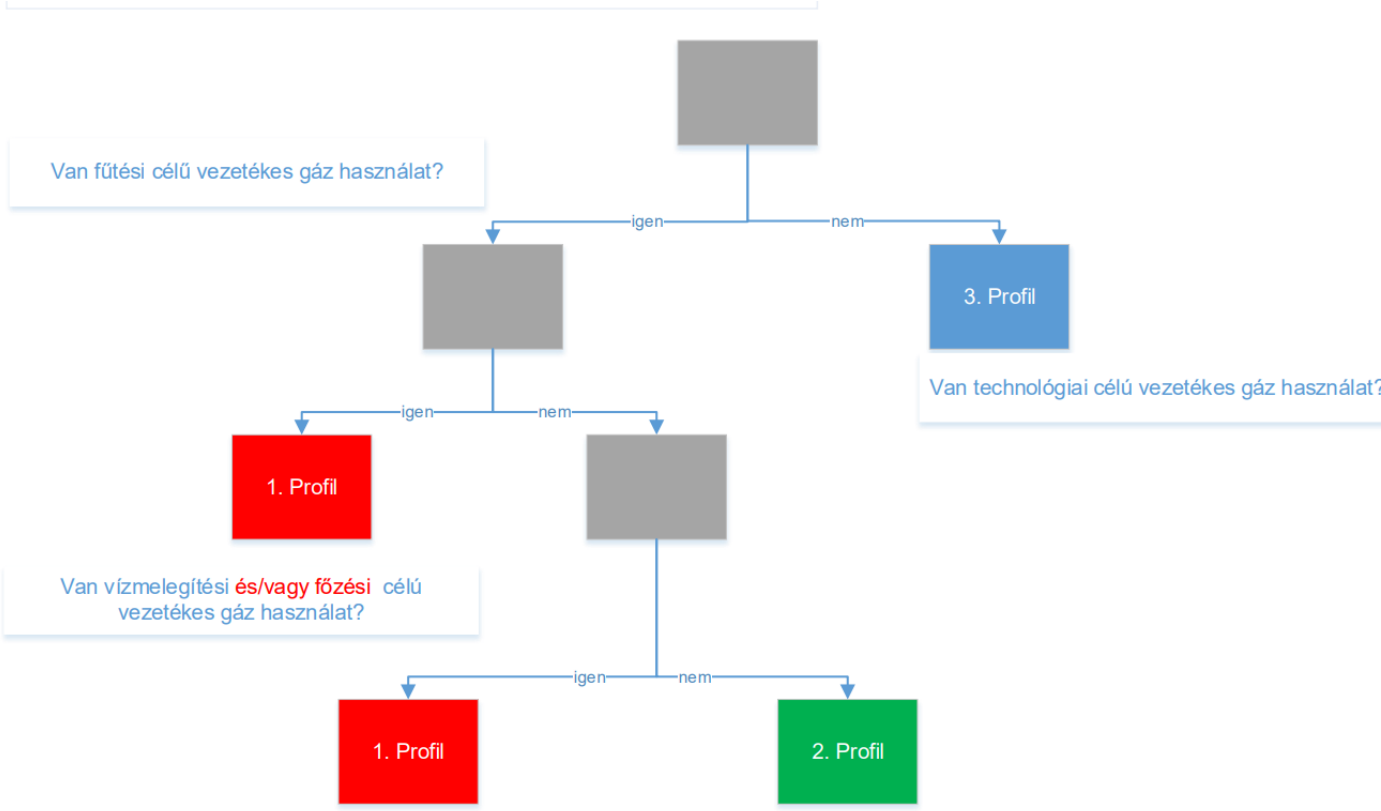
The household profile classification algorithm is as follows:

if (FUT = 2 AND VIZ = 2) THEN PROFILE = 1.

if (FUT = 2 AND VIZ = 1) THEN PROFILE = 2.

if (FUT = 1 AND VIZ = 1) THEN PROFILE = 3.
if (FUT = 1 AND VIZ = 2) THEN PROFILE = 3.

Decision tree for the profile classification of non-household consumers


Van fűtési célű vezetékes gáz használat?
igen
nem
3. Profil
Van technológiai célú vezetékes gáz használat?
igen
nem
1. Profil
Van vízmelegítési és/vagy főzési célú vezetékes gáz használat?
igen
nem
1. Profil
2. Profil

The business profile classification algorithm is as follows:

if (FUT = 2 AND TECH = 2 AND VIZ = 2) THEN PROFILE = 1.
if (FUT = 2 AND TECH = 2 AND VIZ = 1) THEN PROFILE = 1.
if (FUT = 2 AND TECH = 1 AND VIZ = 2) THEN PROFILE = 1.

if (FUT = 2 AND TECH = 1 AND VIZ = 1) THEN PROFILE = 2.

if (FUT = 1 AND TECH = 1 AND VIZ = 1) THEN PROFILE = 3.
if (FUT = 1 AND TECH = 1 AND VIZ = 2) THEN PROFILE = 3.
if (FUT = 1 AND TECH = 2 AND VIZ = 1) THEN PROFILE = 3.
if (FUT = 1 AND TECH = 2 AND VIZ = 2) THEN PROFILE = 3.

III. ANNEX – REQUIREMENTS FOR MEASUREMENT INSTRUMENTS AND EQUIPMENT OPERATED ON THE NATURAL GAS TRANSMISSION SYSTEM

(a) The natural gas metering (stations) systems installed on the gas supply systems shall meet the requirements specified in the MSZ EN 1776 standard. The authentication process shall be governed by the provisions of Government Decree No 127/1991 of 9 October 1991.

(b) The measurement range of the metering systems shall cover the full range of natural gas flows occurring during normal operation without any element of the metering system exceeding the calibrated measurement range.

(c) If the measurement range of the natural gas flow to be measured is larger than that of a single metering branch, parallel branches shall be used.

(d) If more than one metering systems are available on the transmission system operator's system to measure the gas at a network point (surrogate measurements), the transmission system operator shall be obliged to use the metering system that can measure the gas flow at the network point with smaller combined measurement uncertainty.

(e) If the natural gas flow range to be measured can be divided into sub-ranges, each of which can be covered by a single metering branch, then – for orifice plate metering systems – the measurement range of the metering branch may be modified by replacing the orifice plate and/or by adapting the measurement range of the differential pressure transmitter, and – for metering system using other gas flow meters – by replacing the gas flow meter, provided that such replacement or adapting is only carried out with a frequency that is acceptable for operating purposes.

Requirements for measurement uncertainties

(a) The measurement uncertainty of the metering systems shall be calculated when designing the volume metering systems.

(b) The calculations shall be carried out as defined in the following

standards: ISO 5168 Measurement of fluid flow. Procedures for

the evaluation of uncertainties

ISO 5167-1 Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full. Part 1: General principles and requirements

ISO 5167-2 Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full. Part 2: Orifice plates

EN 12261 Gas meters. Turbine gas meters

EN 12480 Gas meters. Rotary displacement gas meters

ISO 17089-1 Measurement of fluid flow in closed conduits. Ultrasonic meters for gas. Part 1: Meters for custody transfer and allocation measurement

EN 12405 Gas meters. Conversion devices. Part 1: Volume conversion

Design of mechanical parts

The mechanical parts of the metering system must conform to the relevant standards.

Such standards are:

ISO 5167-1 Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full. Part 1: General principles and requirements

ISO 5167-2 Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full. Part 2: Orifice plates

ISO 2186 Measurement of fluid flow in closed conduits. Connections for pressure signal transmissions between primary and secondary elements

EN 12261 Gas meters. Turbine gas meters

EN 12480 Gas meters. Rotary displacement gas meters

ISO 17089-1 Measurement of fluid flow in closed conduits. Ultrasonic meters for gas. Part 1: Meters for custody transfer and allocation measurement

ISO TR 9464 Standards for the application of ISO 5167

Instrumentation design

(a) The pressure and temperature of natural gas must be measured in every metering branch.

(b) The density of the natural gas under operating conditions shall be calculated with a pressure, temperature and imbalance factor (PTZ) correction.

Natural gas flow computers

(a) Natural gas flow computers generally can only be used to measure the natural gas quantity. Flow computers may be used for other tasks if the implementation of such tasks does not affect the functions related to the measurement of the natural gas quantity.

(b) Accuracy requirements: accuracy class: max. 0.1.

(c) The accuracy requirements shall apply to any and all values calculated in the flow computer (display of input and output signals, operating and normal flow rate, mass flow, energy flow, integrated value of these quantities for each time interval, calculated average values, calculated parameters etc.) and also to the analogue and pulse outputs of the flow computer.

(d) Each metering branch shall have its own natural gas flow computer.

(e) The natural gas quantity shall be calculated according to the calculation algorithms specified in the following standards and/or regulations:

<u>Flow calculation in an orifice plate system:</u>

ISO 5167-1 Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full. Part 1: General principles and requirements

ISO 5167-2 Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full. Part 2: Orifice plates

ISO TR 9464 Standards for the application of ISO 5167

<u>Flow calculation in turbine meter, rotary and ultrasonic system:</u>

EN 12405 Gas meters. Conversion devices. Part 1: Volume conversion

<u>Calculating the natural gas imbalance factor:</u>

ISO 12213-1 Natural gas Calculation of compression factor, Introduction and guidelines

ISO 12213-2 Natural gas Calculation of compression factor. Calculation using molar-composition analysis,

ISO 12213-3 Natural gas Calculation of compression factor. Calculation using physical properties

(f) Cycle time of the calculation of instantaneous flow shall not exceed 10 s.

(g) The rounding error of the calculation algorithm shall not exceed 0,001%.

(h) The flow computers shall store the cumulative natural gas quantity used as a basis for settlement in electronic meters protected against power failure.

(i) The flow computers shall have automatic self-check functions to ensure that the computer is operating correctly at all times.

(j) The programmed parameters important for the algorithm and for the accurate calculation shall be stored in the flow computer in such a way that they can only be modified through a special security procedure.

(k) The current calculation algorithm of the flow computer shall be identified by a version number. Any changes made to the algorithm shall be marked with a new version number. The program version of the flow computer shall be identifiable through the display of the flow computer.

Orifice plate gas flow meter

(a) The diameter ratio of the orifice plates (the ratio of the orifice plate bore diameter and the diameter of the measuring section) shall not exceed 0.6.

(b) The intended maximum differential pressure on the orifice plate shall not exceed 500 mbar.

(c) Two (low dP, high dP) or three (low dP, medium dP, high dP) differential pressure transmitters with different measurement ranges may be used in order to increase the capacity of the metering systems. The transmitter measurement range ratio shall be 1:4. In order to increase the reliability of the differential pressure measurement, three differential pressure transmitters with the same measurement range shall be used in high-priority metering systems.

(d) The thickness of the orifice plate shall ensure that kinking occurring due to the maximum differential pressure does not exceed 0.5 %.

Turbine gas flow meter

(a) The turbine gas flow meter shall have an indexing head containing a mechanical meter.

(b) The turbine gas flow meter shall have two high-frequency signallers.

(c) The turbine gas flow meter must be calibrated

- with air at atmospheric pressure between 5 – 100 % of the maximum measurement range thereof and
- with natural gas at pressure almost reaching the operating pressure between 2.5 – 100% of the maximum measurement range thereof.

(d) When calibrating the turbine gas flow meter at atmospheric pressure with air, the maximum permissible deviation from the reference meter is

- 2.0 % between 5 – 20 % of the measurement range,
- 1.0 % between 20 – 100 % of the measurement range;

(e) When calibrating the turbine gas flow meter at operating pressure, the maximum permissible deviation from the reference meter is

- 2.0 % between 2.5 – 5 % of the measurement range,
- 1.0 % between 5 – 20 % of the measurement range,

- 0.5 % between 20 – 100 % of the measurement range;

(f) Irrespective of the calibrations carried out abroad, turbine gas flow meters shall be calibrated in Hungary as well before being installed.

Rotary gas flow meter

(a) The rotary gas flow meter shall have an indexing head containing a mechanical meter.

(b) The rotary gas flow meter shall have a high-frequency signaller.

(c) The rotary gas flow meter shall be calibrated at atmospheric pressure with air.

(d) When calibrating the rotary gas flow meter, the maximum permissible deviation from the reference meter is

- 2.0 % between 0.5 – 20 % of the measurement range,
- 1.0 % between 20 – 100 % of the measurement range.

(e) Irrespective of the calibrations carried out abroad, rotary gas flow meters shall be calibrated in Hungary as well before being installed.

Ultrasonic gas flow meter

(a) The gas flow meter must be at least a four-path ultrasonic gas flow meter.

(b) Electronics of the ultrasonic gas flow meter must be fitted with a display.

(c) The ultrasonic gas flow meter shall be calibrated with natural gas at pressure almost reaching the operating pressure.

(d) When calibrating the ultrasonic gas flow meter, the maximum permissible deviation from the reference meter is

(e) 1.0 % between the minimum measurement range and the transitional flow rate,

(f) 0.3 % between the transitional flow rate and the maximum measurement range;

(g) Measurement information shall be transmitted between the ultrasonic gas flow meter and the gas flow calculator via digital communication.

Gas-analysing chromatograph

(a) Natural gas composition and quality features shall be determined by a gas chromatograph in accordance with the requirements of the following standards

ISO 10715 Földgáz. Mintavételi irányelvek.

ISO 6974 Földgáz. Determination of composition and associated uncertainty by gas chromatography.

ISO 6976 Földgáz. Calculation of calorific values, density, relative density and Wobbe indices from composition

(b) Accuracy requirements: The repeatability of the measurement of calorific value and relative density shall not exceed 0.1% in the operating temperature range of –10...+50°C.

Temperature sensors

(a) A platinum temperature sensor of type Pt100 with tolerance class ‘A ‘ as specified in IEC 60751 shall be used.

(b) The sensor outlet between the sensor coil and the connector head shall have four wires, and four electrical connection points shall be available in the head.

Temperature transmitters

(a) A temperature transmitter having three or four wires and compatible with Pt100 sensor shall be used.

(b) Accuracy requirements: accuracy class: max. 0.1.

Pressure, absolute pressure and differential pressure transmitters

(a) The pressure transmitter installed on the gas flow metering system shall be an absolute pressure transmitter.

(b) Accuracy requirements:

- accuracy class: max. 0.05
- consequential temperature error: maximum 0.05 %/10^{o}C

IV. ANNEX II RULES OF IDENTIFYING THE NATURAL GAS MARKET PARTICIPANTS AND FACILITIES, EIC CODES

1. Type-X: identifying the gas market participants

Structure of the code used:

3	9	**X**	1	2	3	4	5	6	7	8	9	0	A	B	C

where the character position contents are:

- **1-2** (in the above example: ‘39’): content fixed, it means the numeric identifier recorded by ENTSO for the LIO.
- **3** (in the above example: ’X’): content fixed, used to identify the gas market participant (the code type in question).
- **4-15** (in the above example: ’1234567890AB’): the gas market participant provides its content when submitting an EIC code request to the LIO, using the characters accepted in the code system.
- **16** (in the above example: ’C’): check character.

Note: In the example above, ‘content fixed’ means that the character is provided by the LIO when the code request is fulfilled.

Until the IT development that is necessary for the LIO to manage/issue EIC codes is completed, requests for Type-X codes/modifications may be made by filling in the form attached as Appendix 1 and sending it to the LIO by post, or electronically on the website https://fgsz.hu/file/documents/0/0899/eic_code_application_form.pdf of the designated transmission system operator.

2. Type-Z: identifying the gas industry facility

Structure of the code used:

3	9	**Z**	1	2	3	4	5	6	7	8	9	0	A	B	C

where the character position contents are:

- **1-2** (in the above example: ‘39’): content fixed, it means the numeric identifier recorded by ENTSO for the LIO.
- **3** (in the above example: ’Z’): content fixed, used to identify the code type in question.
- **4-15** (in the above example: ’1234567890AB’): network point ID used on the Information Platform of the designated transmission system operator.
- **16** (in the above example: ’C’): check character.

Accordingly, an example code and its meaning:

EIC code (Type-Z)	**Meaning**
39ZHAABONY011G3A	39Z: gas industry facility, HAABONY011G3: network point ID used on the Information Platform of the designated transmission system operator

The used coding process allows the development of a hierarchical, universal code system, where the codes can be easily used in the communication between the industry participants.

Note: In the example above, ‘content fixed’ means that the character is provided by the LIO when the code request is fulfilled.

3. Type-N: identifying the distribution system operator's infrastructure (POD – Point of Delivery)

Structure of the code used:

3	9	**N**	1	2	3	4	5	6	7	8	9	0	A	B	C

where the character position contents are:

- **1-2** (in the above example: '39'): content fixed, it means the numeric identifier recorded by ENTSO for the LIO.
- **3** (in the above example: 'N'): content fixed, used to identify the distribution system operator infrastructure (the code type in question).
- **4-15** (in the above example: '1234567890AB'): the gas market participant – the distribution system operator licensee – provides its content when submitting an EIC code request to the LIO, using the characters accepted in the code system. The codes to be used here are from the ranges detailed below.
- **16** (in the above example: 'C'): check character.

Note: In the example above, 'content fixed' means that the character is provided by the LIO when the code request is fulfilled.

4. Type-W: identifying the source point located on the transmission system

Structure of the code used:

3	9	**W**	1	2	3	4	5	6	7	8	9	0	A	B	C

where the character positions contents are*:

- **1-2** (in the above example: ‘39’): content fixed, it means the numeric identifier recorded by ENTSO for the LIO.
- **3** (in the above example: ’W’): content fixed, used to identify the code type in question.
- **4-15** (in the above example: ’1234567890AB’): network point ID used on the Information Platform of the designated transmission system operator.
- **16** (in the above example: ’C’): check character.

Only facilities managed by the designated transmission system operator are identified with Type-W code, given that only these facilities are involved in the business processes where CIO recommendations have to be applied.

The used coding process allows the development of a hierarchical, universal code system, where the codes can be easily used in the communication between the industry participants.

Note: In the example above, ‘content fixed’ means that the character is provided by the LIO when the code request is fulfilled.

5. Type-C: identifying household end users on the natural gas distribution system

Structure of the code used:

3	9	**C**	1	2	3	4	5	6	7	8	9	0	A	B	C

where the character position contents are:

- **1-2** (in the above example: ‘39’): content fixed, it means the numeric identifier recorded by ENTSO for the LIO.
- **3** (in the above example: ’C’): content fixed, used to identify the Hungarian household consumer (the code type in question).
- **4-15** (in the above example: ’1234567890AB’): the gas market participant (LDC) provides its content when submitting an EIC code request to the LIO, using the characters accepted in the code system. The end user can be coded either as a natural or legal person.
- **16** (in the above example: ’C’): check character.

Note: In the example above, ‘content fixed’ means that the character is provided by the LIO when the code request is fulfilled.

6. How to calculate the check character

The so-called check character used in the applicable coding procedure shall be calculated as recommended by ENTSO-E (https://docstore.entsoe.eu/fileadmin/user_upload/edi/library/eic/EIC_Key_generator.htm).

1. Appendix

EIC Code Request Form			
***Request starts on**			
Requesting company (limit to 10 characters)			
***Name to be displayed**[1]			
***Post code**			
***Address 1/Street, number**			
***Address 2/Street, number**			
*** City/Town**			
*** Country**			
*** Name of contact person**			
***Phone number**			
Fax	T		
Email			
***EU VAT number**			
***EIC code functions**[2]			
***EIC type**[3]	☐ International	☐ Local	
Signature:		***Date:***	

* Mandatory fields.

[1] The name displayed must not contain spaces, periods or lower-case letters and is limited to 16 characters.

[2] The list of allowed functions can be found in the EIC documentation.
https://www.entsoe.eu/data/energy-identification-codes-eic/#energy-identification-codes-eic-documentation

[3] To register under REMIT (Regulation (EU) No 1227/2011), market participants must obtain an international EIC code.

V. ANNEX V – DATA SUPPLY AND DATA EXCHANGE DURING INTERRUPTION AND RESTRICTION

Interruption

1. The designated transmission system operator shall provide the interruptible capacity values sold by the transmission system operator and the gas delivery station and user code to the distribution system operator.

2. If the designated transmission system operator so requests, the distribution system operator shall provide data supply with a cycle time of 60 minutes.

3. The data supply shall include the hourly consumption data of users with interruptible capacity and the gas delivery station and user code, as shown in the table below.

Gas delivery station code	**Theoretical time**	**Use code**	**Actual consumption**

VI. ANNEX – METHODOLOGY OF RESTRICTION CLASSIFICATION

The method for establishing the list of involvement and specifying the consumable gas volumes for each day:

Gross Classified Consumption (GCC)

Gross Classified Consumption (GCC) can be determined on the basis of the daily allocated volumes (kWh/day) for the last completed gas day for each POD, or if the particular gas day is a public holiday, then it can be determined on the basis of the daily allocated volumes (kWh/day) for the last business day. These PODs shall be put in descending order by volume, by category.

Basic Necessity (BN)

The Basic Necessity (BN) is a minimal volume of each consumption, which is necessary for avoiding damages in the technology and/or annealing for any user. The value of the Basic Necessity is the level set out in Government Decree No 399/2023 (VIII. 24.), or – as long as an official certificate has been obtained – may also be higher.

Maximum Off-take Volume (MOV)

The volume of gas that may be taken off on the specific gas day at a specific point of delivery during the restriction.

When it comes to the restriction imposed on the categories, the MOV equals the cumulative value of the volumes taken off in all of the exceptions:

$$\mathbf{MOV = \Sigma\ exceptions}$$

When it comes to the restriction of exceptions, MOV equals the cumulative value of the volumes of the exceptions following the relevant exception (n):

$$\mathbf{MOV = \Sigma_{(n+1)}\ exceptions}$$

Restrictable Volume (RV)

Restrictable Volume (RV): the difference between the respective values of GCC and MOV:

$$\mathbf{RV = GCC - MOV}$$

Consumption to be Restricted (CR)

The volume specified by a designated transmission system operator, which indicates how much reduction on the consumption the entire natural gas network requires to maintain and ensure the smooth operation of the interconnected natural gas system.

If **restrictions are ordered on the current gas day,** the MOV value will correspond to the remaining hours of te gas day.

Procedure for setting up the restriction POD list:

For the restriction of **category I**, if the CR is lower than the RV total of category I, the PODs related to the category shall be restricted in accordance with the method specified by the licensee holding the operating license for the transmission system operation of electricity (hereinafter referred to as: transmission system operator of electricity) as per the Act on Electric Energy. If the CR is higher than the RV value of category I, then the restriction of all the restrictable users of category I shall be ordered.
The remaining CR shall be carried over to the next category in the following way:

For the restriction of **category II,** if the remaining CR is lower than the RV total of category II, the process shall be continued in a descending order based on the allocated volume until the CR completely “runs out”.
If the remaining CR is higher than the RV total of category II, then all of the PODs of category II shall be restricted.
If any CR remains after the restriction of category II, the remainder shall be carried over to the next category in the following way:

For the restriction of **category III,** if the remaining CR is lower than the RV total of category III, the process shall be continued in a descending order based on the allocated volume until the CR completely “runs out”.
If the remaining CR is higher than the RV total of category III, then all of the PODs of category III shall be restricted.
If any CR remains after the restriction of category II, the remainder shall be carried over to the 1st exception in the following way:

Exception types based on Government Decree No 399/2023 (VIII. 24):

- Specific capacities shall be specified based on official certificates (exceptions 1, 2, 4).
- There are no fixed capacities set out on the basis of official certificates. In case of these exceptions (exceptions 3, 5, 6) the user may continue to consume until the relevant exception is restricted.
- Specific capacities shall be set out by the transmission system operator of electricity or on the basis of other regulation (e.g. legislation, ministerial decree etc.).

For the restriction of **exception I,** if the remaining CR is lower than the RV total of categories I, II and III, adjusted with exception 1, the process shall be continued in the previously established order (descending, based on allocation) until the CR completely “runs out”.
If the remaining CR is higher than the RV total of categories I, II and III, adjusted with exception 1, then each of the PODs with exception 1 shall continue to be restricted to the extent of the relevant RV.
If any CR remains after the restriction of exception 1, the process shall move on to exception 2.

To the restriction of the rest of the **exceptions (2-6),** the procedure for exception 1, described above, shall apply.

The transmission system operator of electricity shall decide on which power plants may take off, and to what extent. The designated transmission system operator shall register this decision on its Information Platform. For this purpose, two additional columns after the exceptions shall be added, with the headings “Technical Exception” and “Explanation”, in which the volumes may be specified and modified, and their relevant explanations may be entered. The volumes set out in the Technical Exception may not be restricted.

Increasing restriction intensity

If the value of CR is modified in case of a new gas day, the restriction order shall have to be specified again. In the new list, the users that have actually been restricted (RV > 0) previously shall occupy the positions of the restriction order on the basis of the last allocated value prior to the restriction. In case of the users who were not restricted in the previous restriction, or no actual volumes have been taken away from them, the freshest allocation data shall be taken into consideration for the current restriction.

VII. ANNEX VII – DATA SUPPLY OF DISTRIBUTION SYSTEM OPERATORS AND USERS DIRECTLY CONNECTING TO THE TRANSMISSION PIPELINE, NECESSARY FOR THE DEVELOPMENT OF THE INTERCONNECTED NATURAL GAS SYSTEM

VII/1 Data supply deadline: 1st of November each year

			Actual consumption data of the previous gas year												
	Actual energy consumption of the different user types, demands	**gas year preceding the current gas year**	**October**	**November**	**December**	**January**	**February**	**March**	**April**	**May**	**June**	**July**	**August**	**September**	**previous gas year in total**
kWh/year	**Total consumption**														
kWh/year	Household														
kWh/year	Non-household (under 100 m^3/hour)														
kWh/year	Non-household (above 100 m^3/hour)														
kWh/year	Consumption of power plants														
kWh/year	of which electricity consumption														
kWh/year	of which district heat consumption														
kWh/year	Transport consumption														
kWh/year	Other (none of the above)														
kWh/year	Consumption associated with gases of natural gas quality, derived from biomass and other non-mining sources														
kWh/day	**Total daily maximum capacity demand**														**maximum of the previous gas year**
kWh/day	Household														
kWh/day	Non-household (under 100 m^3/hour)														

kWh/day	Non-household (above 100 m^3/hour)														
kWh/day	Simultaneous consumption of power plants														
kWh/day	of which electricity consumption														
kWh/day	of which district heat consumption														
kWh/day	Transport consumption														
kWh/day	Other (none of the above)														
kWh/day	Consumption associated with gases of natural gas quality, derived from biomass and other non-mining sources														
kWh/hour	**Total hourly simultaneous maximum capacity demand**														

VII/2 Data supply deadline: 1st of September each year

	Estimated energy consumption of the different user types, demands	**Gas year 1**	**Gas year 2**	**Gas year 3**	**Gas year 4**	**Gas year 5**	**Gas year 6**	**Gas year 7**	**Gas year 8**	**Gas year 9**	**Gas year 10**
kWh/year	**Total annual consumption**										
kWh/year	Household										
kWh/year	Non-household (under 100 m^3/hour)										
kWh/year	Non-household (above 100 m^3/hour)										
kWh/year	Consumption of power plants										
kWh/year	of which electricity consumption										

kWh/year	of which district heat consumption										
kWh/year	Transport consumption										
kWh/year	Other (none of the above)										
kWh/year	Consumption associated with gases of natural gas quality, derived from biomass and other non-mining sources										
kWh/day	**Total daily maximum consumption demand**										
kWh/day	Household										
kWh/day	Non-household (under 100 m^3/hour)										
kWh/day	Non-household (100 m^3/hour and above)										
kWh/day	Maximum simultaneous consumption of power plants										
kWh/day	of which electricity consumption										
kWh/day	of which district heat consumption										
kWh/day	Transport consumption										
kWh/day	Other (none of the above)										
kWh/day	Consumption associated with gases of natural gas quality, derived from biomass and other non-mining sources										
kWh/hour	**Total hourly simultaneous maximum consumption demand**										

	Integrated actual and estimated capacity data	**anticipated for the current gas year**	**Gas year 1**	**Gas year 2**	**Gas year 3**	**Gas year 4**	**Gas year 5**	**Gas year 6**	**Gas year 7**	**Gas year 8**	**Gas year 9**	**Gas year 10**

MW	Existing power plants in total											
MW	Combined cycle gas turbine power plant											
MW	Open cycle gas turbine power plant											
MW	Combined power plant generating heat and electricity											
MW	Other power plant (none of the above)											
MW	Planned new power plants in total											
MW	Combined cycle gas turbine power plant											
MW	Open cycle gas turbine power plant											
MW	Combined power plant generating heat and electricity											
MW	Other power plant (none of the above)											

VIII. Annex – DISTRIBUTION SYSTEM OPERATOR DATA SUPPLY

Data supply deadline: 1st of February each year

User categories	Total number of users on the distribution system operator's area (pcs)	Gas volume used on the distribution system operator's area (thousand m^3)
	Previous calendar year	Previous calendar year
of which: household consumers not having a meter		
< 20 m^3/hour household		
> 20 m^3/hour household		
Household in total		
< 20 m^3/hour non-household		
20-100 m^3/hour non-household		
101-500 m^3/óra non-household		
> 500 m^3/hour non-household		
Non-household in total		
Total		

	Previous calendar year
Trunk line length (km)	
Total length of transmission pipes, distribution pipes and pipeline branches (km)	