

ANNEX 1

“Internal procedure for compilation of the T&D Europe Commodities Indices”

(applicable as of the coming into force of this Agreement)

**This document updates the internal procedure for compilation of the indices
and replaces the previous version.**

‘Internal Procedure for Compilation of the T&D Europe Commodities Indices’

Introduction:

The T&D Europe Commodities Indices tracks the evolution of commodities prices. The development of the indices was started by COTREL, Committee of Associations of European Transformer Contributing Parties. These indices fall in the scope of work of the T&D Europe Working Group Transformers. An independent service provider provides statistical services to T&D Europe in compilation of these Commodities Indices.

Each operator on the market remains free, autonomous and independent to set its respective prices. The indices do not affect the freedom of markets players to set and change their prices and T&D Europe will not give any instructions on how to use the indices.

Materials Covered:

GOES – Conventional Grade = GOES products with a core loss > 1.05 W/kg
GOES – High Grade = GOES products with a core loss ≤ 1.05 and ≥ 0.9 W/kg
GOES – Super High Grade = GOES products with a core loss < 0.9 W/kg
Mineral Insulating Oil for Transformers corresponding to IEC 60296
Compressed Paper & Cardboards dedicated to electrotechnical applications according IEC standard 60 641-1-2-3
Hot Steel
Cold Steel

Minimum procedure requirements:

- Collection of data
 - Participation exercise is open to all (including non-members of T&D Europe) and is voluntary
 - Participation in the Commodity Indices Statistical Exercise must be structured in such a way that information does not flow between the participants, but only to, or from, the independent service provider
 - Direct contact between the participants (companies) is not permitted in the collection of Indices
 - All surveys and questionnaires, as well as the responses thereto, should be in writing.

- Production of indices
 - o Employees of the independent service provider must be subject to appropriate confidentiality obligations. All submitted data shall be confidential. No employee or representative of a company or trade associations within T&D Europe can have access to submitted individual company data, but only to the final report on the T&D Europe website;
 - o The T&D Europe secretariat and the secretary of the Working Group transformers can see anonymised data if required for the purpose of resolving any particular issue related to the publication of the indices;
 - o The T&D Europe secretariat and the secretary of the Working Group transformers will treat such data as confidential;

- Publication of indices
 - o Prior to disseminating the Index, the independent service provider must aggregate the data received, to ensure that individual indices cannot be deduced;
 - o T&D applies a linking factor on the indices provided by the independent service provider;
 - o There are at least five independent companies, according to EU competition law (i.e. not part of the same group), participating in each commodity index;
 - o The Index may contain objective statements from the independent service provider, but should not be accompanied by any comment, analysis, observation or recommendation;
 - o The T&D Europe secretariat will publish the monthly indices on the website, so that it is publicly available to all;
 - o The T&D Europe secretariat publishes the indices before the end of the month following the month, for which the indices are reported.

Procedure:

By the 10th working day in each Month, Contributing Parties will provide the input information¹ solely to the independent service provider which made the request on the 1st working day of each month for the previous Month:

If this information has not been received by the 11th working day in each month, the independent service provider will issue a reminder to the appropriate Contributing Party.

¹ Companies will submit an index to the independent service provider on the relevant materials indices calculated on the basis of invoices.

By the 26th working day at the latest in each month, the independent service provider will collate the available information, produce the indices and send them to the T&D Europe secretariat.

Compilation method:

- Publication of the indexation procedure:
 - The independent service provider calculates the arithmetic average of the data submitted and sends the indices to the T&D Europe secretariat
 - The independent service provider shall calculate the indices by way of arithmetic average of the data communicated by the Contributing Parties (including the initial invoice value for up to a maximum of 3 months in case of no data to report or failure to deliver in time the data). The independent service provider shall indicate to the T&D Europe secretariat the number of Contributing Parties for each index, to monitor the status of each index. This information shall remain within the T&D Europe secretariat and not be accessible to anyone outside the secretariat and can be shared with the secretary of the Working Group Transformers.
 - The independent service provider only discloses the indices to T&D Europe if there is a sufficient number of respondents (i.e. 5 or more). When the independent service provider reports the previous invoice value for up to a maximum of 3 months, the data is considered as if it had been provided by the company.
 - T&D applies a linking factor to the indices.
 - The T&D Europe secretariat publishes the indices on the T&D Europe website of the indices received.
- Procedures for special situations:
 - No new data to report
 - If the Contributing Party has received no new shipment for the reporting period, but is using stock material, it should report the initial invoice value for up to a maximum of 12 months. On the thirteenth month the Contributing Party will be considered as not contributing to that relevant series. If the Contributing Party subsequently has data to report, it will be reintroduced according to scheme to be determined

- No data to report
 - If the Contributing Party has not used the relevant material, it should report “no data” in its chart. The independent service provider will report the initial invoice value for up to a maximum of 3 months. On the fourth month, the Contributing Party will be considered as not contributing to that relevant series and will be excluded. If the Contributing Party subsequently has data to report, it will be reintroduced according to scheme to be determined
- Failure of timely delivery of data by a Contributing Party:
 - If the Contributing Party has failed to timely deliver data, the independent service provider will report the initial invoice value for up to a maximum of 3 months. On the fourth month, the Contributing Party will be considered as not contributing to that relevant series and will be excluded. If the Contributing Party subsequently has data to report, it will be reintroduced according to scheme to be determined
- Delivery of wrong data
 - If the Contributing Party becomes aware that it has reported wrong data, it will immediately inform the independent service provider. The Contributing Party will provide the correct data as soon as possible.
 - The independent service provider does not bear any liability for wrong data submitted by companies
- Changes in the market:
 - A Contributing Party shall inform the T&D Europe secretariat and the independent service provider of any change in its situation that impacts its participation in the indices (e.g. merger, disappearance of a company, etc)
 - T&D shall immediately inform the independent service provider of any change in the structure of the market (merger, disappearance of a company, etc) as soon as it becomes aware of the change
- Changes in the list of respondents (adding or removing a company)
 - The independent service provider shall assess the legal implications of changes in the list of respondents and provide its assessment to the T&D Europe secretariat

- The T&D Europe secretariat shall ensure the insertion of a linking factor for remaining contributors (recalculation), so as to avoid a break in the series
- Modifications of national sources:
 - Where data is provided by a trade association, the secretary general of the national association is responsible of the accuracy and the continuity of the figures provided to the T&D Index. In case of a modification of the national source (the source itself or the composition of the companies' panel providing the figures), s/he will provide normalised data to ensure continuity of the series. If this is not possible, s/he will inform the independent service provider that the figures are not comparable and that a new series has to be started.

When compiled, the output is sent by the independent service provider to T&D and made available by T&D for uploading on the T&D Europe Web site.

ANNEX 2

“Public Statement on T&D Europe Commodities Indices”

(applicable as of the coming into force of this Agreement)

PUBLIC STATEMENT ON T&D EUROPE COMMODITIES INDICES

1st August 2017, amended on the 6th of October 2020

PUBLIC STATEMENT ON T&D EUROPE COMMODITIES INDICES

T&D EUROPE (the European Association of the Electricity Transmission and Distribution Equipment and Services) is representing all relevant European national associations of manufacturers of equipment and solutions in the field of transmission and distribution of electricity. It was created in March 2008 by the merger of two European sector committees, CAPIEL HV and COTREL. The companies represented by T&D EUROPE account for a production worth over €25 billion and employ over 200,000 people in Europe.

Publication of index data since 2006

T&D EUROPE intends to provide commodities indices for the purpose of providing one possible element for enabling long term contracts for electrical transformers and similar products to be adjusted depending on the variation in commodities prices.

Since then (2006) the index data was provided by the transformer manufacturers through relevant European national associations and reported to T&D EUROPE.

From Jan 2009 an additional grade of GOES was introduced; GOES-PLUS, the index data being provided in a similar way to the other indices.

1. T&D EUROPE's GOES and oil indices

With effect from April 2017 the index data for GOES (3 categories) and for Mineral Insulating Oil has been provided by the transformer manufacturers either directly or through a national association to an independent statistical service provider of T&D EUROPE. This new series of indices was first published in August 2017 based on data submitted in April 2017.

To achieve the loss levels set out in the EcoDesign Regulations (EU) No 548/2014, Tier 1 and Tier 2, there has been an evolution in the market towards higher performance GOES and so a new grade of GOES has been introduced. This has been achieved by splitting the previous GOES-PLUS into two grades; High Grade and Super High Grade. The definitions of all of the GOES grades have been taken

from the European Commission's Enquiry (EU) 2015/1953, which defines three grades of GOES. The index information is an arithmetic non-weighted average of the data.

It is expected that the number of companies contributing to the various series will go up or down over time and a procedure for dealing with these interruptions in the published series is set out below.

Procedure for adding or removing a contributor to or from the T&D-index:

- Qualification of new contributor will be decided by the T&D-Europe WG Transformers
- Adding: New contributors' data will be incorporated in the T&D-index and adjusted by a linking factor
- Removing:
 - The minimum no. of manufacturers contributing over all to T&D index shall be 5
 - Insertion by T&D Europe of a linking factor for remaining contributors (recalculation), so as to avoid a break
- Whenever adding or removing a contributor, T&D Europe adds a note to indicate the change

2. T&D EUROPE's other transformer commodities

The data for the other indices (Paper, Hot Steel, Cold Steel) are based on information from national official sources via national associations and will continue as previously. The types of the sources are given with each index, see Annex "T&D EUROPE's other transformer commodities". The information is an arithmetic non-weighted average of the data.

The new series of GOES indices all began with a value of 100 from April 2017².
The equivalence of the old and new indices is shown below for all the commodities:

Grade – new series	Definition – new series	Grade – old series	Value old series April 2017	Value new series April 2017	Conversion factor April 2017
GOES – Conventional Grade	GOES products with a core loss > 1.05 W/kg	Conventional GOES GOES products with a core loss	68.2	100	0.682
GOES – High Grade	GOES products with a core loss ≤1.05 and >0.9 W/kg	Not applicable	114.8	100	1.1482 ³
GOES – Super High Grade	GOES products with a core loss ≤ 0.9 W/kg	Not applicable	114.8	100	1.1482 ²
Mineral Insulating Oil	Oil corresponding	Oil	107.8	100	1.078

² Date relating to the submission date of data.

for Transformers	to IEC 60296				
Compressed Paper & Cardboards dedicated to electrotechnical applications	Paper according to IEC standard 60 641-1-2-3	unchanged			
Hot Steel		unchanged			
Cold Steel		unchanged			

The T&D EUROPE indices are published on the website: www.tdeurope.eu

The definitions of the old grades are shown in the previous Commodities Indices Public Statement_20150128v2, which can be found of on the T&D Europe web site (Raw Material/Transformers indices/Archives).

The indices reflect development in the past. Therefore, the indices are published monthly, usually in the third or fourth week after the month of reference (e.g. data for November 2021 is published at the end of December. 2021).

³ This is an example of how the introduction of the new grades of GOES can be transferred into the new indices.

3. Quality aspects: transparency and traceability

T&D EUROPE commits itself to high quality and transparency in the process of collecting, collating and publishing the commodities indices. Information on the basic description, sources and collation process for each commodity index is stated below in this document. Upon request duly justified by any interested party and approved by T&D EUROPE Executive Committee, the process may be validated and audited by an independent party designated by T&D EUROPE.

Compliance

Notwithstanding the above, each manufacturer remains free, autonomous and independent to set its respective prices. The indices do not affect the freedom of T&D EUROPE member firms to set and change their prices and T&D EUROPE does not and will not give any instructions to the member firms on how to use the indices.

4. Limitation of liability

The T&D EUROPE commodities indices are produced and published for general information only. T&D EUROPE undertakes the compilation and collation of this information using an appropriate independent service provider, and advises that all reasonable endeavours are made to ensure it is up to date and accurate.

For further information please contact the Secretary General of T&D EUROPE. Contact details are available on

T&D EUROPE web site: www.tdeurope.eu

Annex 3:

T&D EUROPE'S other transformer commodities

PART A

Commodity	Definition	Data value in the country concerned ⁴	To be provided by the Contributing Party (Y/N)
GOES – Conventional Grade	GOES products with a core loss > 1.05 W/kg	Indices based on invoices	
GOES – High Grade	GOES products with a core loss ≤ 1.05 and > 0.9 W/kg	Indices based on invoices	
GOES – Super High Grade	GOES products with a core loss ≤ 0.9 W/kg	Indices based on invoices	
Mineral Insulating Oil for Transformers	Oil corresponding to IEC 60296	Indices based on invoices	
Compressed Paper & Cardboards dedicated to electrotechnical applications	Paper according to IEC standard 60 641-1-2-3	WG transformers decided to maintain the current T&D Europe procedure for paper, hot steel and cold steel, which is based on public indices. Concerned national trade associations will have to declare their national indices to the independent service provider.	
Hot Steel			
Cold Steel			

⁴ Companies which have more than 1 production facility will have flexibility to choose to declare only 1 index or separate indices per factory, and then will stick to their choice afterwards

PART B

1. Paper

Description:

XXXXXXXXXXXXXXXXXXXXXXXXXXXX

Sources:

1. Statistisches Bundesamt (Destatis), Germany
2. BEAMA, UK

Compilation method:

Arithmetic non-weighted average of the a.m. sources

Detail on source: 1. Statistisches Bundesamt (Destatis), Germany

Indication: **X Data from official source (see "A")**

Data based on company input (see "B")

A - For data originating from official sources, being transmitted to T&D EUROPE by

national associations:

- Name of official source:

Statistisches Bundesamt

- Designation of official-source-index :

61241-0003 Erzeugerpreisindizes gewerblicher Produkte: Deutschland,
Jahre, Güterverzeichnis (GP2009 2-5-Steller Hierarchie) -> GP09-1729 Andere
Waren

aus Papier, Karton und Pappe

- Technical description:

GP-No. 1729

- Access to official-source-index:

[https://www.genesis.](https://www.genesis.destatis.de/genesis/online/data;jsessionid=7812A8E6AB223E00AA28A75A610AFC93.tomcat_GO_2_1?operation=abrufabelleAbrufen&selectionname=61241-0003&levelindex=1&levelid=1394466807349&index=3)

[destatis.de/genesis/online/data;jsessionid=7812A8E6AB223E00AA28A75A610AFC93.tomcat_GO_2_1?operation=abrufabelleAbrufen&selectionname=61241-0003&levelindex=1&levelid=1394466807349&index=3](https://www.genesis.destatis.de/genesis/online/data;jsessionid=7812A8E6AB223E00AA28A75A610AFC93.tomcat_GO_2_1?operation=abrufabelleAbrufen&selectionname=61241-0003&levelindex=1&levelid=1394466807349&index=3)

Detail on source: 2. BEAMA (UK)

Indication: **X Data from official source (see "A")**

Data based on company input (see "B")

A - For data originating from official sources, being transmitted to T&D

EUROPE by national associations:

- **Name of official source:** Office for National Statistics

- **Designation of official-source-index :** MM22 Producer Prices Indices (2005=100,

SIC07) - K37V: PPI7112170000 - **Technical description:** Paper and paper products -

Access to official-source-index: <http://www.ons.gov.uk/ons/datasets-and-tables/dataselector>.

html?table-id=4&dataset=mm22 Look for “JU8W: PPI1712000000” –

discontinued since October 2011 (recommends **K37V** :PPI7112170000) K37V can be

found from the following link <http://www.ons.gov.uk/ons/datasets-and-tables/dataselector>.

html?table-id=2&dataset=mm22

2. Hot steel

Description:

XXXXXXXXXXXXXXXXXXXXXXXXXX

Sources:

1. AGORIA, Belgium
2. GIMELEC, France
3. ANIE, Italy
4. Statistisches Bundesamt (Destatis), Germany
5. BEAMA, UK

Compilation method:

Arithmetic non-weighted average of the a.m. sources

Detail on source: 1. Agoria, Belgium

Indication: **X Data from official source (see “A”)**

Data based on company input (see “B”)

A - For data originating from official sources, being transmitted to T&D EUROPE by

national associations:

- **Name of official source:**

Commission de la Mercuriale des matériaux (Federal Public Service Economy)

- Designation of official-source-index:

MEDIUM PLATES common steel A320

- Technical description (type, thickness):

/

- Access to official-source-index:

<http://www.agoria.be/www.wsc/rep/prg/AppContent?TopicID=10203>

Detail on source: 2. GIMELEC - France

Indication: **X Data from official source** (see "A")

Data based on company input (see "B")

A - For data originating from official sources, being transmitted to T&D EUROPE by

national associations:

- Name of official source:

INSEE (Institut National de la Statistique et des Etudes Economiques)

- Designation of official-source-index:

1559209 (up to December 2012)

001653196 Base 100=2010 (since January 2013)

- Technical description (type, thickness):

IP de l'offre intérieure des produits industriels – Grandes bandes laminées à chaud d'épaisseur ≥ 3 mm en aciers non alliés de qualité

- Access to official-source-index:

<http://www.bdm.insee.fr/bdm2/affichageSeries.action;jsessionid=3E6960F33602E18E>

DA892AAA33DDF6C2?idbank=001653196&page=tableau&codeGroupe=1442&recherch

he=idbank

Detail on source: 3. ANIE, Italy

Indication: **X Data from official source** (see "A")

Data based on company input (see "B")

A - For data originating from official sources, being transmitted to T&D EUROPE by

national associations:

- Name of official source:

CHAMBER OF COMMERCE

- Designation of official-source-index:

RILEVAZIONE DEI PREZZI ALL'INGROSSO SULLA PIAZZA DI MILANO – 440
Metalli non
ferrosi

- Technical description (type, thickness):

Lamiere laminate a caldo nere (UNI EN 10025) derivate da coils in “formato commerciale”

- Access to official-source-index: ONLY THROUGH THE SUBSCRIPTION TO A BULLETIN

Detail on source: 4. Statistisches Bundesamt (Destatis), Germany

Indication: **X Data from official source (see “A”)**

Data based on company input (see “B”)

A - For data originating from official sources, being transmitted to T&D EUROPE by national associations:

- Name of official source:

Statistisches Bundesamt

- Designation of official-source-index :

61241-0003 Erzeugerpreisindizes gewerblicher Produkte: Deutschland, Jahre, Güterverzeichnis (GP2009 2-5-Steller Hierarchie) -> GP09-241 Roheisen, Stahl

und Ferrolegierungen - **Technical description:**

GP09-241

- Access to official-source-index:

[https://www.genesis.](https://www.genesis.destatis.de/genesis/online/data;jsessionid=7812A8E6AB223E00AA28A75A610AFC93.tomcat_GO_2_1?operation=abrufetabelleAbrufen&selectionname=61241-0003&levelindex=1&levelid=1394466807349&index=3)

[destatis.de/genesis/online/data;jsessionid=7812A8E6AB223E00AA28A75A610AFC93.tomcat_GO_2_1?operation=abrufetabelleAbrufen&selectionname=61241-0003&levelindex=1&levelid=1394466807349&index=3](https://www.genesis.destatis.de/genesis/online/data;jsessionid=7812A8E6AB223E00AA28A75A610AFC93.tomcat_GO_2_1?operation=abrufetabelleAbrufen&selectionname=61241-0003&levelindex=1&levelid=1394466807349&index=3)

Detail on source: 5. BEAMA (UK)

Indication: **X Data from official source (see “A”)**

Data based on company input (see “B”)

A - For data originating from official sources, being transmitted to T&D EUROPE by national associations:

- Name of official source: Office for National Statistics

- Designation of official-source-index : MM22 Producer Prices Indices (2005=100, SIC07) K2YZ: PPI2410000000

- **Technical description:** Basic Iron and Steel and of Ferro-alloys - **Access to official source-**

index: <http://www.ons.gov.uk/ons/datasets-and-tables/dataselector.html?table-id=4&dataset=mm22>. Look for K2YZ:PPI2410000000.

3. Cold steel

Description:

XXXXXXXXXXXXXXXXXXXXXXXXXXXX

Sources:

1. GIMELEC, France
2. ANIE, Italy
3. Statistisches Bundesamt (Destatis), Germany
4. BEAMA, UK

Compilation method:

Arithmetic non-weighted average of the a.m. sources

* * * * *

Detail on source: 1. GIMELEC - France

Indication: **X Data from official source (see "A")**

Data based on company input (see "B")

A - For data originating from official sources, being transmitted to T&D EUROPE by

national associations:

- **Name of official source:**

INSEE (Institut National de la Statistique et des Etudes Economiques)

- **Designation of official-source-index:**

(up to December 2012)

001653197 Base 100=2010 (since January 2013)

- **Technical description (type, thickness):**

IP de l'offre intérieure des produits industriels – Produits plats laminés à froid non revêtus en aciers non alliés de qualité

- **Access to official-source-index:** <http://www.insee.fr/fr/bases-donnees/bweb/serie.asp?idbank=001653197>

Detail on source: 2. ANIE, Italy

Indication: **X Data from official source (see "A")**

□ Data based on company input (see “B”)

A - For data originating from official sources, being transmitted to T&D EUROPE by

national associations:

- Name of official source:

CHAMBER OF COMMERCE

- Designation of official-source-index:

RILEVAZIONE DEI PREZZI ALL'INGROSSO SULLA PIAZZA DI MILANO – 440

Metalli non

ferrosi

- Technical description (type, thickness):

Lamiere sottili (UNI EN 10130) coils a freddo

- Access to official-source-index:

ONLY THROUGH THE SUBSCRIPTION TO A BULLETIN

Detail on source: 3. Statistisches Bundesamt (Destatis), Germany

Indication: **X Data from official source (see “A”)**

□ Data based on company input (see “B”)

A - For data originating from official sources, being transmitted to T&D EUROPE by national associations:

- Name of official source:

Statistisches Bundesamt

- Designation of official-source-index :

61241-0003 Erzeugerpreisindizes gewerblicher Produkte: Deutschland, Jahre, Güterverzeichnis (GP2009 2-5-Steller Hierarchie) -> GP09-24321 Kaltgewalzte

Flacherzeugn., aus Stahl, n. überzogen

- Technical description:

GP09-24321

- Access to official-source-index:

[https://www.genesis.](https://www.genesis.destatis.de/genesis/online/data;jsessionid=7812A8E6AB223E00AA28A75A610AFC93.tomcat_GO_2_1?operation=abrufabelleAbrufen&selectionname=61241-0003&levelindex=1&levelid=1394466807349&index=3)

[destatis.de/genesis/online/data;jsessionid=7812A8E6AB223E00AA28A75A610](https://www.genesis.destatis.de/genesis/online/data;jsessionid=7812A8E6AB223E00AA28A75A610AFC93.tomcat_GO_2_1?operation=abrufabelleAbrufen&selectionname=61241-0003&levelindex=1&levelid=1394466807349&index=3)

[AFC93.tomcat_GO_2_1?operation=abrufabelleAbrufen&selectionname=61241-](https://www.genesis.destatis.de/genesis/online/data;jsessionid=7812A8E6AB223E00AA28A75A610AFC93.tomcat_GO_2_1?operation=abrufabelleAbrufen&selectionname=61241-0003&levelindex=1&levelid=1394466807349&index=3)

[0003&levelindex=1&levelid=1394466807349&index=3](https://www.genesis.destatis.de/genesis/online/data;jsessionid=7812A8E6AB223E00AA28A75A610AFC93.tomcat_GO_2_1?operation=abrufabelleAbrufen&selectionname=61241-0003&levelindex=1&levelid=1394466807349&index=3)

Detail on source: 4. BEAMA (UK)

Indication: **X Data from official source (see “A”)**

□ Data based on company input (see “B”)

A - For data originating from official sources, being transmitted to T&D EUROPE by national associations:

- **Name of official source:** Office for National Statistics

- **Designation of official-source-index :** MM22 Producer Prices Indices (2005=100, SIC07) K2YZ: PPI2410000000

- **Technical description:** Basic Iron and Steel and of Ferro-alloys - **Access to officialsource-**

index: <http://www.ons.gov.uk/ons/datasets-and-tables/dataselector.html?table-id=4&dataset=mm22>. Look for K2YZ:PPI2410000000.