

1st August 2017

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.

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 2017¹.

The equivalence of the old and new indices are 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 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	1.148 ²
GOES - Super High Grade	GOES products with a core loss ≤ 0.9 W/kg	Not applicable	114.8	100	1.148 ²
Mineral Insulating Oil for Transformers	Oil corresponding to IEC 60296	Oil	107.8	100	1.078
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 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 first week of the month starting three months after the

¹ Date relating to the submission date of data.

² This is an example of how the introduction of the new grades of GOES can be transferred into the new indices.

month of reference (e.g. data for April 2017 is published in the first week of August 2017).

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 statistical 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: T&D EUROPE's other transformer commodities

1. Paper

Description:

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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.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/data-selector.html?table-id=4&dataset=mm22> Look for "JU8W: PPI1712000000" –



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discontinued since October 2011 (recommends **K37V** :PPI7112170000) K37V can be found from the following link <http://www.ons.gov.uk/ons/datasets-and-tables/data-selector.html?table-id=2&dataset=mm22>

2. Hot steel

Description:

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Sources:

1. AGORIA, Belgium
2. GIMELEC, France
3. ANIE, Italy
4. Statistisches Bundesamt (Destatis), Germany
5. BEMA, 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):**

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- **Access to official-source-index:**

<http://www.agoria.be/www.wsc/rep/prg/ApplContent?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:**



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<http://www.bdm.insee.fr/bdm2/affichageSeries.action;jsessionid=3E6960F33602E18EDA892AAA33DDF6C2?idbank=001653196&page=tableau&codeGroupe=1442&recherche=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-](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)

[genesis.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: 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/data-selector.html?table-id=4&dataset=mm22>. Look for K2YZ:PPI241000000.

3. Cold steel

Description:

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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

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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-de-donnees/bsweb/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.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: 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 official-source-index: <http://www.ons.gov.uk/ons/datasets-and-tables/data-selector.html?table-id=4&dataset=mm22>. Look for K2YZ:PPI2410000000.