



Overview Energy Surcharges

Valid as from 1st July 2022

Date 31.05.2022

With reference to the transport conditions paragraph 19, cost adjustments and additional charges, and against the background of:

- The considerably increased service costs based on the energy source diesel fuel for both service components Truck and Rail,
- The processing difficulties in the seaports due to ship delays and ship cancellations

ERS applies surcharges to secure the intermodal transport terminal-terminal and terminal-door.

Titel	Amount	Valid from	Valid until	Purpose
Port Congestion Surcharge	EUR 15 / TEU EUR 12 / TEU	14.03.2022 01.04.2022	31.03.2022 until further notice	Vessel delays and resulting obstructions/costs in seaports
Energy Surcharge RAIL	EUR 3 / TEU	01.04.2022	30.06.2022	diesel costs for rails shunting services
Energy Floater RAIL	According to actual table on our website	01.07.2022	30.09.22	electric power costs for the rail main run
Energy Surcharge TRUCK	EUR 25 / cntr	14.03.2022	30.06.2022	compensation contribution to secure container pre- and oncarriage by road due to high diesel prices
	EUR 0 / cntr	01.07.2022	until further notice	
Dieselfloater Q2 2022	7% on truck zone price	01.04.2022	30.06.2022	1:1 transfer of the DS according to BGL e.V. (description below)
Dieselfloater Q3 2022	15% on truck zone price	01.07.2022	30.09.2022	
Energy Surchage port shuntings and inland shuntings terminal-depot v.v. and terminal costs	ERS Transport terms and conditions		until further notice	Amendment as per 01.07.2022

Description / Explanation

Port Congestion Surcharge: Surcharge for waiting times and cancellation of trains and trucks due to congestion as a result of delayed or missing seagoing vessels and consequential costs.

Energy Surcharge Rail: Surcharge for sudden and incalculable sharp increases in diesel fuel costs mainly for shunting services; this amount is variable as an absolute value and adjusts to market price fluctuations in both directions and will be merged into the Energy Floater RAIL as from 01.07.2022.

Energy Floater RAIL: Surcharge for sharply increased cost prices for electrical energy. The surcharge is dependent on TEU and distance and is based on the index for electric power „Abgabe an Sondervertragskunden, Hochspannung, darunter (von lfd. Nr. 625) elektr. Strom, Börsennotierungen“, from the Federal Statistical Office in Wiesbaden. It is calculated for the first time as of Q3 for the index months January, February and March and is available as a tabular overview and as a download (homepage ERS). The calculation method is described later (page 5).

The Energy Floater RAIL will be shown on the invoice as from 01.07.2022 together with the Energy Surcharge RAIL.

Energy Surcharge TRUCK: Surcharge for sudden and incalculable sharp increases in diesel fuel costs for road delivery; this amount is variable as an absolute value and adjusts to market price fluctuations in both directions. It is shown separately on the invoice accordingly.

Diesel Floater: Surcharge to counteract normally fluctuating diesel prices. It is applied as a percentage surcharge on the zone price only and is also shown separately on the invoice. The amount of the DS is calculated according to the procedure of the Bundesverband für Güterverkehr und Logistik e.V. (BGL). (BGL) and applies per quarter until further notice.

Energy surcharge port/depot and terminal services: Surcharge for port transfers and empty container positioning or transfers terminal from/to depot and is included in the adjusted ERS Transport Terms and Conditions, valid from 01.07.2022.

Diesel price information and mechanisms for diesel price surcharge

The Federal Statistical Office regularly publishes diesel price trends for sale for major consumers. These are usually published in the middle of the month for the previous month.

The procedure for determining the amount of the diesel surcharge, in this case as a percentage of the zone price, is based on these specifications and can be seen on the website of the German Freight Transport and Logistics Association BGL (<https://www.bgl-ev.de/images/downloads/dieselpreisinformation.pdf>).

Two tables are decisive here. These are the

- Diesel price matrix**, with the interval sizes of approx. **4 EUR/100 l** large consumer levy, here are an extract:

Ø Preis gem.
BGL: v. 25.05.=
157,32

Zone	Stufe 9		Stufe 10		Stufe 11		Stufe 12		Stufe 13		Stufe 14		Stufe 15		Stufe 16	
	132,37 € - 136,36 €		136,37 € - 140,36 €		140,37 € - 144,36 €		144,37 € - 148,36 €		148,37 € - 152,36 €		152,37 € - 156,36 €		156,37 € - 160,36 €		160,37 € - 164,36 €	
1	12,60	9%	14,00	10%	15,40	11%	16,80	12%	18,20	13%	19,60	14%	21,00	15%	22,40	16%
2	15,75	9%	17,50	10%	19,25	11%	21,00	12%	22,75	13%	24,50	14%	26,25	15%	28,00	16%
3	18,90	9%	21,00	10%	23,10	11%	25,20	12%	27,30	13%	29,40	14%	31,50	15%	33,60	16%
4	22,05	9%	24,50	10%	26,95	11%	29,40	12%	31,85	13%	34,30	14%	36,75	15%	39,20	16%
5	25,20	9%	28,00	10%	30,80	11%	33,60	12%	36,40	13%	39,20	14%	42,00	15%	44,80	16%
6	28,35	9%	31,50	10%	34,65	11%	37,80	12%	40,95	13%	44,10	14%	47,25	15%	50,40	16%
7	31,50	9%	35,00	10%	38,50	11%	42,00	12%	45,50	13%	49,00	14%	52,50	15%	56,00	16%
8	34,65	9%	38,50	10%	42,35	11%	46,20	12%	50,05	13%	53,90	14%	57,75	15%	61,60	16%
9	37,80	9%	42,00	10%	46,20	11%	50,40	12%	54,60	13%	58,80	14%	63,00	15%	67,20	16%
10	40,95	9%	45,50	10%	50,05	11%	54,60	12%	59,15	13%	63,70	14%	68,25	15%	72,80	16%
11	44,10	9%	49,00	10%	53,90	11%	58,80	12%	63,70	13%	68,60	14%	73,50	15%	78,40	16%
12	47,25	9%	52,50	10%	57,75	11%	63,00	12%	68,25	13%	73,50	14%	78,75	15%	84,00	16%
13	50,40	9%	56,00	10%	61,60	11%	67,20	12%	72,80	13%	78,40	14%	84,00	15%	89,60	16%
14	53,55	9%	59,50	10%	65,45	11%	71,40	12%	77,35	13%	83,30	14%	89,25	15%	95,20	16%
15	56,70	9%	63,00	10%	69,30	11%	75,60	12%	81,90	13%	88,20	14%	94,50	15%	100,80	16%

- Index series and diesel price** for sales to large-scale consumers, according to data from the Federal Statistical Office; here is also an extract:

	Monat	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	Ø Jahr
2021	Index	105,0	109,8	113,3	111,6	113,8	116,4	118,8	117,5	120,7	134,8	134,5	130,5	118,9
	EUR / 100 l	95,99	100,37	103,51	101,98	103,95	106,37	108,57	107,37	110,34	123,25	122,96	119,28	108,66
2022	Monat	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	Ø Jahr
	Index	140,1	146,3	192,6	177,5									
	EUR / 100 l	128,03	133,72	175,99	162,26									

The BGL regularly publishes this table in the middle of the month in relation to the previous month: "Development of diesel prices". On page 2 of the information are the index series and diesel prices, for delivery to large consumers, without VAT but with excise duties and other statutory levies, such as the CO2 tax. The index refers to the year 2015=100.

In this example, the 3-month average, i.e. March, April and May, is **172,25 EUR**. This corresponds to a percentage value of 20%, which we will partially offset with the temporarily introduced Energy Surcharge TRUCK for transport in the third quarter, as stated in the customer letter dated 31.05.2022. Thus, the Q3 diesel floater will be reduced to level 15 and 15% will be applied as diesel floater. An extract of the current diesel price matrix can be viewed on the ERS website.

Electricity price information and calculation mechanics of the Energy Floater RAIL for the main rail run.

Rising demand, expensive electricity production (keyword: high natural gas costs), less competition and rising network charges have led to an above-target development of electricity prices. While the average index for electricity used to calculate train-path kilometers was still 197.4 at the time of pricing (= average value from October 2020 to September 2021), we are already recording an increase to an **index value of 548.3** as of Q1 2022 (see table on page 6, level 18).

To compensate for this unpredictable increase in electricity costs, ERS is making an adjustment, analogous to the indexation of electric power in "Abgabe an Sondervertragskunden, Hochspannung, darunter (von lfd. Nr. 625) elektr. Strom, Börsennotierungen". These values can be found on our website in the download area in the publication from the Federal Statistical Office, Wiesbaden, on page 44 under the heading GP 3511 15 (middle section).

Abstract as follows:

	Jan	Feb	März	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	Ø
	GP=35 11 15		Elektr. Strom, Sondervertragskunden, Hochspannung, darunter (von lfd. Nr. 625) Elektr. Strom, Börsennotierungen										
2005 ...	119,9	121,7	124,1	132,0	130,4	134,8	142,8	140,5	143,1	145,3	148,6	154,4	70,7
2006 ...	165,1	179,7	188,2	196,9	190,3	189,8	192,7	190,3	188,2	181,9	185,8	182,0	82,2
2007 ...	184,1	173,5	184,7	185,3	186,4	188,9	187,6	186,1	185,9	199,7	199,6	202,7	85,0
2008 ...	207,9	208,9	212,7	218,3	233,1	252,9	280,0	267,8	262,2	252,3	225,2	196,9	96,0
2009 ...	182,4	166,7	162,2	185,8	187,0	180,0	174,9	178,0	167,8	169,2	164,5	156,1	90,1
2010 ...	151,3	145,0	138,2	148,7	158,8	164,7	161,7	155,2	156,1	158,6	156,0	166,4	91,9
2011 ...	164,2	163,3	181,1	184,4	188,2	184,2	179,6	179,4	184,1	178,5	179,4	161,9	103,7
2012 ...	157,7	160,8	158,0	156,5	146,4	144,4	149,3	156,5	154,4	148,1	152,6	149,9	100,0
2013 ...	139,2	134,9	126,8	120,9	116,3	110,3	120,9	115,4	127,5	122,2	125,0	127,6	101,8
2014 ...	115,5	111,3	106,7	105,4	107,6	105,8	109,6	108,2	112,1	109,9	112,1	107,0	103,4
2015 ...	98,0	108,9	101,3	99,2	93,9	99,4	105,9	100,8	98,9	106,1	96,7	90,9	100,0
2016 ...	83,4	70,3	73,7	77,1	76,9	87,6	89,0	87,7	92,3	110,4	115,1	104,4	98,3
2017 ...	121,6	108,5	97,1	95,6	97,0	98,9	104,3	104,1	114,0	107,8	122,7	115,9	107,3
2018 ...	106,5	115,0	112,7	113,4	123,2	136,2	151,2	165,0	175,6	172,7	172,8	166,8	117,6
2019 ...	158,2	143,3	128,0	140,5	140,6	132,0	149,4	141,6	141,1	140,7	140,8	126,0	120,4
2020 ...	126,3	106,8	96,9	94,1	92,1	107,9	117,9	122,4	135,7	121,0	124,7	142,2	115,5
2021 ...	162,7	161,3	163,1	180,2	195,1	224,1	248,4	270,6	375,4	465,5	482,9	736,6	164,6
2022 ...	482,0	466,8	696,2	617,5									548,3
2023 ...													278%

and here the percentage increase (yellow= budget 2022; red= adjustment from 01.07.2022) with the result of about 280%.

2019 ...	158,2	143,3	128,0	140,5	140,6	132,0	149,4	141,6	141,1	140,7	140,8	126,0	120,4
2020 ...	126,3	106,8	96,9	94,1	92,1	107,9	117,9	122,4	135,7	121,0	124,7	142,2	115,5
2021 ...	162,7	161,3	163,1	180,2	195,1	224,1	248,4	270,6	375,4	465,5	482,9	736,6	164,6
2022 ...	482,0	466,8	696,2	617,5									548,3
2023 ...													278%

This procedure is transparent and comprehensible and relates to the main rail run and will take effect for starting as from 01.07.2022. The data of the past months January to March 2022 will be used for the calculation of the Energy Floater RAIL for the 3rd quarter 2022.

You can also find the information in EURO per TEU as a table in the download area related to the individual corridor and here as an abstract to demonstrate the calculation methodology:

Zuschlag pro TEU	Indizes	Indizes	Indizes	Indizes	Indizes	Indizes
	gemäß destatis.de	gemäß destatis.de	gemäß destatis.de	gemäß destatis.de	gemäß destatis.de	gemäß destatis.de
	Stufe 0	Stufe 1	Stufe 2	Stufe 18	Stufe 19	Stufe 20
Relation	0,0 - 200,0	200,1 - 220,0	220,1 - 240,0	540,1 - 560,0	560,1 - 580,0	580,1 - 600,0
Zuschlag	Zuschlag	Zuschlag	Zuschlag	Zuschlag	Zuschlag	Zuschlag
Bremerhaven < > Enns	0,00 €	1,76 €	3,53 €	31,73 €	33,49 €	35,25 €
Bremerhaven < > Kornwestheim	0,00 €	1,08 €	2,17 €	19,49 €	20,57 €	21,65 €
Bremerhaven < > Mannheim	0,00 €	1,00 €	2,01 €	18,05 €	19,05 €	20,05 €
Bremerhaven < > München	0,00 €	1,25 €	2,51 €	22,58 €	23,84 €	25,09 €
Bremerhaven < > Nürnberg	0,00 €	0,99 €	1,98 €	17,78 €	18,77 €	19,76 €
Bremerhaven < > Ulm	0,00 €	1,21 €	2,41 €	21,73 €	22,93 €	24,14 €
Bremerhaven < > Budapest (Passau)	0,00 €	1,48 €	2,95 €	26,56 €	28,04 €	29,51 €
Bremerhaven < > Regensburg	0,00 €	1,18 €	2,36 €	21,20 €	22,37 €	23,55 €
Bremerhaven > Augsburg	0,00 €	1,22 €	2,44 €	21,98 €	23,20 €	24,42 €
Augsburg > München	0,00 €	0,11 €	0,23 €	2,05 €	2,17 €	2,28 €
Bremerhaven > Beiseförth	0,00 €	0,59 €	1,19 €	10,69 €	11,29 €	11,88 €
Beiseförth > Regensburg	0,00 €	0,58 €	1,17 €	10,50 €	11,09 €	11,67 €
Bremerhaven > Dortmund	0,00 €	0,45 €	0,91 €	8,18 €	8,63 €	9,09 €
Dortmund > München	0,00 €	1,08 €	2,16 €	19,42 €	20,50 €	21,58 €
Dortmund > Regensburg	0,00 €	0,93 €	1,86 €	16,77 €	17,70 €	18,63 €
Hamburg < > Frankfurt	0,00 €	0,83 €	1,66 €	14,90 €	15,73 €	16,56 €
Hamburg < > Kornwestheim	0,00 €	1,15 €	2,30 €	20,70 €	21,85 €	23,00 €
Hamburg < > Mannheim	0,00 €	0,97 €	1,94 €	17,43 €	18,40 €	19,37 €
Hamburg < > München	0,00 €	1,22 €	2,44 €	21,98 €	23,20 €	24,42 €
Hamburg < > Nürnberg	0,00 €	1,01 €	2,03 €	18,27 €	19,28 €	20,30 €
Hamburg < > Singen	0,00 €	1,61 €	3,22 €	28,98 €	30,59 €	32,20 €
Hamburg < > Ulm	0,00 €	1,19 €	2,38 €	21,39 €	22,58 €	23,77 €
Hamburg < > Budapest (Passau)	0,00 €	1,53 €	3,07 €	27,59 €	29,12 €	30,65 €
Rotterdam < > Kornwestheim	0,00 €	1,08 €	2,15 €	19,37 €	20,45 €	21,52 €
Rotterdam < > München	0,00 €	1,50 €	3,01 €	27,09 €	28,59 €	30,10 €
Rotterdam < > Nürnberg	0,00 €	1,12 €	2,24 €	20,14 €	21,26 €	22,38 €

Please note that your invoice will show this surcharge on a relation-specific basis.

Example: Relation Hamburg - Kornwestheim as of 01.07.2022

The average index is 548.3 (Jan, Feb, Mar):

- EEG apportionment costs: EUR 2.31/TEU; not applicable as of 01.07.2022
- Energy surcharge RAIL: EUR 3.00/TEU; not applicable as of 01.07.2022
- Energy floater RAIL: EUR 20.70/TEU

Based on the above figures, the invoice would show an Energy Floater RAIL of EUR 20.70 for a 20ft and a value of EUR 41.40 for a 40ft.