

NETWORK STATEMENT 2024



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CATALOGUES

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CATALOGUE 5

Traction Power Supply Cost Tables



SC-2 ANNUAL PUBLICATION OF THE FORECAST (*) OF THE SUPPLY COST RATES FOR ELECTRIFIED LINES IN ALTERNATING CURRENT FOR 2024:

SC-2	Reviewed reference / Invoicing prices *		Reviewed reference / Invoicing conversion ratios *			
Month of Service	TES^{ca} €/MWh net**	$TATRS^{ca}$ €/MWh net**	Passengers rc^{ca} (Wh/TKB)	Passengers rg^{ca} (Wh/TKB)	Freight rc^{ca} (Wh/TKB)	Freight rg^{ca} (Wh/TKB)
jan-24	145.06*	28.26*	48.28*	6.28*	17.24*	2.24*
feb-24	151.85*	33.82*	48.28*	6.28*	17.24*	2.24*
mar-24	127.22*	27.48*	48.28*	6.28*	17.24*	2.24*
apr-24	118.48*	18.08*	48.28*	6.28*	17.24*	2.24*
may-24	118.55*	22.79*	48.28*	6.28*	17.24*	2.24*
jun-24	118.55*	24.90*	48.28*	6.28*	17.24*	2.24*
jul-24	152.25*	38.48*	48.28*	6.28*	17.24*	2.24*
aug-24	152.25*	26.07*	48.28*	6.28*	17.24*	2.24*
sep-24	152.25*	25.35*	48.28*	6.28*	17.24*	2.24*
oct-24	156.87*	21.88*	48.28*	6.28*	17.24*	2.24*
nov-24	156.89*	28.90*	48.28*	6.28*	17.24*	2.24*
dec-24	156.89*	38.14*	48.28*	6.28*	17.24*	2.24*

* Reference Prices/Ratios estimated as of 20/10/2023 are not binding to invoice.

** net = consumed - compensable regenerated, considered at border point with the electricity sector.

Published on 27 October 2023

NETWORK STATEMENT 2024_ADIF-AV_V.0 (ED 07/12/2022)

SC-2 ANNUAL PUBLICATION OF THE FORECAST (*) OF THE SUPPLY COST RATES FOR ELECTRIFIED LINES IN DIRECT CURRENT IN THE CONVENTIONAL NETWORK FOR 2024:

SC-2	Reviewed reference / Invoicing prices *		Reviewed reference / Invoicing conversión ratios *							
Month of service	TE^{ccC} €/MWh net**	$TATR^{ccC}$ €/MWh net**	Freight rc_m^{ccC} (Wh/TKB)	Freight rg_m^{ccC} (Wh/TKB)	Long distance rc_{ld}^{ccC} (Wh/TKB)	Long distance rg_{ld}^{ccC} (Wh/TKB)	Medium Distance rc_{md}^{ccC} (Wh/TKB)	Medium Distance rg_{md}^{ccC} (Wh/TKB)	Commuter rc_c^{ccC} (Wh/TKB)	Commuter rg_c^{ccC} (Wh/TKB)
jan-24	149.90*	46.37*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
feb-24	156.92*	48.74*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
mar-24	131.30*	38.85*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
apr-24	122.21*	28.14*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
may-24	122.18*	32.64*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
jun-24	122.18*	37.00*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
jul-24	157.21*	53.56*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
aug-24	157.21*	37.03*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
sep-24	157.21*	36.86*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
oct-24	162.02*	31.60*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
nov-24	162.02*	44.18*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
dec-24	162.05*	52.70*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*

* Reference Prices/Ratios estimated as of 20/10/2023 are not binding to invoice.

** net = consumed - compensable regenerated. considered at border point with the electricity sector.

Published on 27 October 2023

NETWORK STATEMENT 2024_ADIF-AV_V.0 (ED 07/12/2022)

SC-2 ANNUAL PUBLICATION OF THE FORECAST (*) OF THE SUPPLY COST RATES FOR DIRECT CURRENT ELECTRIFIED LINES IN RAM FOR 2024:

SC-2	Reviewed reference / Invoicing prices *		Reviewed reference / Invoicing conversión ratios			
Month of service	TE^{ccR} €/MWh net**	$TATR^{ccR}$ €/MWh net**	Passengers rc_v^{ccR} (Wh/TKB)	Passengers rg_v^{ccR} (Wh/TKB)	Freight rc_m^{ccR} (Wh/TKB)	Freight rg_m^{ccR} (Wh/TKB)
jan-24	150.62*	35.63*	53.73*	5.37*	20.67*	2.07*
feb-24	157.69*	35.55*	53.73*	5.37*	20.67*	2.07*
mar-24	131.99*	31.29*	53.73*	5.37*	20.67*	2.07*
apr-24	122.83*	27.43*	53.73*	5.37*	20.67*	2.07*
may-24	122.83*	31.72*	53.73*	5.37*	20.67*	2.07*
jun-24	122.83*	62.17*	53.73*	5.37*	20.67*	2.07*
jul-24	157.99*	96.99*	53.73*	5.37*	20.67*	2.07*
aug-24	157.99*	49.47*	53.73*	5.37*	20.67*	2.07*
sep-24	157.99*	33.60*	53.73*	5.37*	20.67*	2.07*
oct-24	162.81*	28.87*	53.73*	5.37*	20.67*	2.07*
nov-24	162.81*	40.65*	53.73*	5.37*	20.67*	2.07*
dec-24	162.81*	49.89*	53.73*	5.37*	20.67*	2.07*

* Reference Prices/Ratios estimated as of 20/10/2023 are not binding to invoice.

** net = consumed - compensable regenerated, considered at border point with the electricity sector.

Published on 27 October 2023

SC-2 TRACTION CURRENT SUPPLY

PREVIOUS MONTHLY AND ANNUAL
PUBLICATIONS OF THE FORECAST OF
THE RATES OF THE SUPPLY COSTS IN
ELECTRIFIED LINES IN ALTERNATE AND
DIRECT CURRENT



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SC-2 ANNUAL PUBLICATION OF THE FORECAST (*) OF THE SUPPLY COST RATES FOR ELECTRIFIED LINES IN ALTERNATING CURRENT FOR 2024:

SC-2	Reviewed reference / Invoicing prices *		Reviewed reference / Invoicing conversion ratios *			
Month of Service	TES^{ca} €/MWh net**	$TATRS^{ca}$ €/MWh net**	Passengers rc^{ca} (Wh/TKB)	Passengers rg^{ca} (Wh/TKB)	Freight rc^{ca} (Wh/TKB)	Freight rg^{ca} (Wh/TKB)
jan-24	147.86*	28.26*	48.28*	6.28*	17.24*	2.24*
feb-24	130.30*	33.82*	48.28*	6.28*	17.24*	2.24*
mar-24	118.07*	27.48*	48.28*	6.28*	17.24*	2.24*
apr-24	109.28*	18.08*	48.28*	6.28*	17.24*	2.24*
may-24	109.35*	22.79*	48.28*	6.28*	17.24*	2.24*
jun-24	109.35*	24.90*	48.28*	6.28*	17.24*	2.24*
jul-24	133.27*	38.48*	48.28*	6.28*	17.24*	2.24*
aug-24	133.27*	26.07*	48.28*	6.28*	17.24*	2.24*
sep-24	133.27*	25.35*	48.28*	6.28*	17.24*	2.24*
oct-24	137.39*	21.88*	48.28*	6.28*	17.24*	2.24*
nov-24	137.41*	28.90*	48.28*	6.28*	17.24*	2.24*
dec-24	137.42*	38.14*	48.28*	6.28*	17.24*	2.24*

* Reference Prices/Ratios estimated as of 20/09/2023 are not binding to invoice.

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Published on 27 September 2023

NETWORK STATEMENT 2024_ADIF-AV_V.0 (ED 07/12/2022)

SC-2 ANNUAL PUBLICATION OF THE FORECAST (*) OF THE SUPPLY COST RATES FOR ELECTRIFIED LINES IN ALTERNATING CURRENT FOR 2024:

SC-2	Reviewed reference / Invoicing prices *		Reviewed reference / Invoicing conversion ratios *			
Month of Service	TES^{ca} €/MWh net**	$TATRS^{ca}$ €/MWh net**	Passengers rc^{ca} (Wh/TKB)	Passengers rg^{ca} (Wh/TKB)	Freight rc^{ca} (Wh/TKB)	Freight rg^{ca} (Wh/TKB)
jan-24	139.08*	28.26*	48.28*	6.28*	17.24*	2.24*
feb-24	139.09*	33.82*	48.28*	6.28*	17.24*	2.24*
mar-24	139.09*	27.48*	48.28*	6.28*	17.24*	2.24*
apr-24	106.08*	18.08*	48.28*	6.28*	17.24*	2.24*
may-24	106.16*	22.79*	48.28*	6.28*	17.24*	2.24*
jun-24	106.16*	24.90*	48.28*	6.28*	17.24*	2.24*
jul-24	121.61*	38.48*	48.28*	6.28*	17.24*	2.24*
aug-24	121.61*	26.07*	48.28*	6.28*	17.24*	2.24*
sep-24	121.61*	25.35*	48.28*	6.28*	17.24*	2.24*
oct-24	127.86*	21.88*	48.28*	6.28*	17.24*	2.24*
nov-24	127.88*	28.90*	48.28*	6.28*	17.24*	2.24*
dec-24	127.89*	38.14*	48.28*	6.28*	17.24*	2.24*

* Reference Prices/Ratios estimated as of 24/08/2023 are not binding to invoice.

** net = consumed - compensable regenerated, considered at border point with the electricity sector.

Published on 28 August 2023

SC-2 ANNUAL PUBLICATION OF THE FORECAST (*) OF THE SUPPLY COST RATES FOR ELECTRIFIED LINES IN ALTERNATING CURRENT FOR 2024:

SC-2	Reviewed reference / Invoicing prices *		Reviewed reference / Invoicing conversion ratios *			
Month of Service	TES^{ca} €/MWh net**	$TATRS^{ca}$ €/MWh net**	Passengers rc^{ca} (Wh/TKB)	Passengers rg^{ca} (Wh/TKB)	Freight rc^{ca} (Wh/TKB)	Freight rg^{ca} (Wh/TKB)
jan-24	136.35*	28.26*	48.28*	6.28*	17.24*	2.24*
feb-24	136.37*	33.82*	48.28*	6.28*	17.24*	2.24*
mar-24	136.36*	27.48*	48.28*	6.28*	17.24*	2.24*
apr-24	104.57*	18.08*	48.28*	6.28*	17.24*	2.24*
may-24	104.64*	22.79*	48.28*	6.28*	17.24*	2.24*
jun-24	104.64*	24.90*	48.28*	6.28*	17.24*	2.24*
jul-24	117.17*	38.48*	48.28*	6.28*	17.24*	2.24*
aug-24	117.17*	26.07*	48.28*	6.28*	17.24*	2.24*
sep-24	117.17*	25.35*	48.28*	6.28*	17.24*	2.24*
oct-24	127.26*	21.88*	48.28*	6.28*	17.24*	2.24*
nov-24	127.28*	28.90*	48.28*	6.28*	17.24*	2.24*
dec-24	127.29*	38.14*	48.28*	6.28*	17.24*	2.24*

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** net = consumed - compensable regenerated, considered at border point with the electricity sector.

Published on 27 July 2023

SC-2 ANNUAL PUBLICATION OF THE FORECAST (*) OF THE SUPPLY COST RATES FOR ELECTRIFIED LINES IN DIRECT CURRENT IN THE CONVENTIONAL NETWORK FOR 2024:

SC-2	Reviewed reference / Invoicing prices *		Reviewed reference / Invoicing conversión ratios *							
Month of service	TE^{ccC} €/MWh net**	$TATR^{ccC}$ €/MWh net**	Freight rc_m^{ccC} (Wh/TKB)	Freight rg_m^{ccC} (Wh/TKB)	Long distance rc_{ld}^{ccC} (Wh/TKB)	Long distance rg_{ld}^{ccC} (Wh/TKB)	Medium Distance rc_{md}^{ccC} (Wh/TKB)	Medium Distance rg_{md}^{ccC} (Wh/TKB)	Commuter rc_c^{ccC} (Wh/TKB)	Commuter rg_c^{ccC} (Wh/TKB)
jan-24	152.81*	46.37*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
feb-24	134.50*	48.74*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
mar-24	121.79*	38.85*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
apr-24	112.64*	28.14*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
may-24	112.62*	32.64*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
jun-24	112.62*	37.00*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
jul-24	137.48*	53.56*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
aug-24	137.48*	37.03*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
sep-24	137.48*	36.86*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
oct-24	141.78*	31.60*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
nov-24	141.77*	44.18*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
dec-24	141.80*	52.70*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*

* Reference Prices/Ratios estimated as of 20/09/2023 are not binding to invoice.

** net = consumed - compensable regenerated. considered at border point with the electricity sector.

Published on 27 September 2023

SC-2 ANNUAL PUBLICATION OF THE FORECAST (*) OF THE SUPPLY COST RATES FOR ELECTRIFIED LINES IN DIRECT CURRENT IN THE CONVENTIONAL NETWORK FOR 2024:

SC-2	Reviewed reference / Invoicing prices *		Reviewed reference / Invoicing conversión ratios *							
Month of service	TE^{ccC} €/MWh net**	$TATR^{ccC}$ €/MWh net**	Freight rc_m^{ccC} (Wh/TKB)	Freight rg_m^{ccC} (Wh/TKB)	Long distance rc_{ld}^{ccC} (Wh/TKB)	Long distance rg_{ld}^{ccC} (Wh/TKB)	Medium Distance rc_{md}^{ccC} (Wh/TKB)	Medium Distance rg_{md}^{ccC} (Wh/TKB)	Commuter rc_c^{ccC} (Wh/TKB)	Commuter rg_c^{ccC} (Wh/TKB)
jan-24	143.69*	46.37*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
feb-24	143.65*	48.74*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
mar-24	143.65*	38.85*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
apr-24	109.32*	28.14*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
may-24	109.30*	32.64*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
jun-24	109.30*	37.00*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
jul-24	125.36*	53.56*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
aug-24	125.36*	37.03*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
sep-24	125.36*	36.86*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
oct-24	131.87*	31.60*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
nov-24	131.86*	44.18*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
dec-24	131.89*	52.70*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*

* Reference Prices/Ratios estimated as of 24/08/2023 are not binding to invoice.

** net = consumed - compensable regenerated. considered at border point with the electricity sector.

Published on 28 August 2023

NETWORK STATEMENT 2024_ADIF-AV_V.0 (ED 07/12/2022)

SC-2 ANNUAL PUBLICATION OF THE FORECAST (*) OF THE SUPPLY COST RATES FOR ELECTRIFIED LINES IN DIRECT CURRENT IN THE CONVENTIONAL NETWORK FOR 2024:

SC-2	Reviewed reference / Invoicing prices *		Reviewed reference / Invoicing conversión ratios *							
Month of service	TE^{ccC} €/MWh net**	$TATR^{ccC}$ €/MWh net**	Freight rc_m^{ccC} (Wh/TKB)	Freight rg_m^{ccC} (Wh/TKB)	Long distance rc_{ld}^{ccC} (Wh/TKB)	Long distance rg_{ld}^{ccC} (Wh/TKB)	Medium Distance rc_{md}^{ccC} (Wh/TKB)	Medium Distance rg_{md}^{ccC} (Wh/TKB)	Commuter rc_c^{ccC} (Wh/TKB)	Commuter rg_c^{ccC} (Wh/TKB)
jan-24	140.85*	46.37*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
feb-24	140.82*	48.74*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
mar-24	140.81*	38.85*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
apr-24	107.75*	28.14*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
may-24	107.72*	32.64*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
jun-24	107.72*	37.00*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
jul-24	120.74*	53.56*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
aug-24	120.74*	37.03*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
sep-24	120.74*	36.86*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
oct-24	131.24*	31.60*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
nov-24	131.24*	44.18*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*
dec-24	131.26*	52.70*	19.12*	1.92*	30.59*	3.06*	34.41*	3.44*	49.71*	4.97*

* Reference Prices/Ratios estimated as of 24/07/2023 are not binding to invoice.

** net = consumed - compensable regenerated. considered at border point with the electricity sector.

Published on 27 July 2023

SC-2 ANNUAL PUBLICATION OF THE FORECAST (*) OF THE SUPPLY COST RATES FOR DIRECT CURRENT ELECTRIFIED LINES IN RAM FOR 2024:

SC-2	Reviewed reference / Invoicing prices *		Reviewed reference / Invoicing conversión ratios			
Month of service	TE^{ccR} €/MWh net**	$TATR^{ccR}$ €/MWh net**	Passengers rc_v^{ccR} (Wh/TKB)	Passengers rg_v^{ccR} (Wh/TKB)	Freight rc_m^{ccR} (Wh/TKB)	Freight rg_m^{ccR} (Wh/TKB)
jan-24	153.54*	35.63*	53.73*	5.37*	20.67*	2.07*
feb-24	135.20*	35.55*	53.73*	5.37*	20.67*	2.07*
mar-24	122.44*	31.29*	53.73*	5.37*	20.67*	2.07*
apr-24	113.23*	27.43*	53.73*	5.37*	20.67*	2.07*
may-24	113.23*	31.72*	53.73*	5.37*	20.67*	2.07*
jun-24	113.23*	62.17*	53.73*	5.37*	20.67*	2.07*
jul-24	138.18*	96.99*	53.73*	5.37*	20.67*	2.07*
aug-24	138.18*	49.47*	53.73*	5.37*	20.67*	2.07*
sep-24	138.18*	33.60*	53.73*	5.37*	20.67*	2.07*
oct-24	142.49*	28.87*	53.73*	5.37*	20.67*	2.07*
nov-24	142.49*	40.65*	53.73*	5.37*	20.67*	2.07*
dec-24	142.49*	49.89*	53.73*	5.37*	20.67*	2.07*

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** net = consumed - compensable regenerated, considered at border point with the electricity sector.

Published on 27 September 2023

NETWORK STATEMENT 2024_ADIF-AV_V.0 (ED 07/12/2022)

SC-2 ANNUAL PUBLICATION OF THE FORECAST (*) OF THE SUPPLY COST RATES FOR DIRECT CURRENT ELECTRIFIED LINES IN RAM FOR 2024:

SC-2	Reviewed reference / Invoicing prices *		Reviewed reference / Invoicing conversión ratios			
Month of service	TE^{ccR} €/MWh net**	$TATR^{ccR}$ €/MWh net**	Passengers rc_v^{ccR} (Wh/TKB)	Passengers rg_v^{ccR} (Wh/TKB)	Freight rc_m^{ccR} (Wh/TKB)	Freight rg_m^{ccR} (Wh/TKB)
jan-24	144.38*	35.63*	53.73*	5.37*	20.67*	2.07*
feb-24	144.38*	35.55*	53.73*	5.37*	20.67*	2.07*
mar-24	144.38*	31.29*	53.73*	5.37*	20.67*	2.07*
apr-24	109.90*	27.43*	53.73*	5.37*	20.67*	2.07*
may-24	109.90*	31.72*	53.73*	5.37*	20.67*	2.07*
jun-24	109.90*	62.17*	53.73*	5.37*	20.67*	2.07*
jul-24	126.02*	96.99*	53.73*	5.37*	20.67*	2.07*
aug-24	126.02*	49.47*	53.73*	5.37*	20.67*	2.07*
sep-24	126.02*	33.60*	53.73*	5.37*	20.67*	2.07*
oct-24	132.55*	28.87*	53.73*	5.37*	20.67*	2.07*
nov-24	132.55*	40.65*	53.73*	5.37*	20.67*	2.07*
dec-24	132.55*	49.89*	53.73*	5.37*	20.67*	2.07*

* Reference Prices/Ratios estimated as of 24/08/2023 are not binding to invoice.

** net = consumed - compensable regenerated, considered at border point with the electricity sector.

Published on 28 August 2023

NETWORK STATEMENT 2024_ADIF-AV_V.0 (ED 07/12/2022)

SC-2_ANNUAL PUBLICATION OF THE FORECAST (*) OF THE SUPPLY COST RATES FOR DIRECT CURRENT ELECTRIFIED LINES IN RAM FOR 2024:

SC-2	Reviewed reference / Invoicing prices *		Reviewed reference / Invoicing conversión ratios			
Month of service	TE^{ccR} €/MWh net**	$TATR^{ccR}$ €/MWh net**	Passengers rc_v^{ccR} (Wh/TKB)	Passengers rg_v^{ccR} (Wh/TKB)	Freight rc_m^{ccR} (Wh/TKB)	Freight rg_m^{ccR} (Wh/TKB)
jan-24	141.53*	35.63*	53.73*	5.37*	20.67*	2.07*
feb-24	141.53*	35.55*	53.73*	5.37*	20.67*	2.07*
mar-24	141.53*	31.29*	53.73*	5.37*	20.67*	2.07*
apr-24	108.32*	27.43*	53.73*	5.37*	20.67*	2.07*
may-24	108.32*	31.72*	53.73*	5.37*	20.67*	2.07*
jun-24	108.32*	62.17*	53.73*	5.37*	20.67*	2.07*
jul-24	121.39*	96.99*	53.73*	5.37*	20.67*	2.07*
aug-24	121.39*	49.47*	53.73*	5.37*	20.67*	2.07*
sep-24	121.39*	33.60*	53.73*	5.37*	20.67*	2.07*
oct-24	131.92*	28.87*	53.73*	5.37*	20.67*	2.07*
nov-24	131.92*	40.65*	53.73*	5.37*	20.67*	2.07*
dec-24	131.92*	49.89*	53.73*	5.37*	20.67*	2.07*

* Reference Prices/Ratios estimated as of 24/07/2023 are not binding to invoice.

** net = consumed - compensable regenerated, considered at border point with the electricity sector.

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NETWORK STATEMENT 2024_ADIF-AV_V.0 (ED 07/12/2022)

SC-2 ANNUAL PUBLICATION OF THE FORECAST (*) OF THE SUPPLY COST RATES FOR ELECTRIFIED LINES IN ALTERNATING CURRENT FOR 2024:

SC-2	Reviewed reference / Invoicing prices *		Reviewed reference / Invoicing conversion ratios *			
Month of Service	TES^{ca} €/MWh net**	$TATRS^{ca}$ €/MWh net**	Passengers rc^{ca} (Wh/TKB)	Passengers rg^{ca} (Wh/TKB)	Freight rc^{ca} (Wh/TKB)	Freight rg^{ca} (Wh/TKB)
jan-24	179.25*	36.53*	52.15*	6.78*	18.63*	2.42*
feb-24	179.25*	41.32*	52.15*	6.78*	18.63*	2.42*
mar-24	179.25*	37.61*	52.15*	6.78*	18.63*	2.42*
apr-24	179.25*	34.56*	52.15*	6.78*	18.63*	2.42*
may-24	179.25*	33.22*	52.15*	6.78*	18.63*	2.42*
jun-24	179.25*	32.19*	52.15*	6.78*	18.63*	2.42*
jul-24	179.25*	43.38*	52.15*	6.78*	18.63*	2.42*
aug-24	179.25*	30.73*	52.15*	6.78*	18.63*	2.42*
sep-24	179.25*	31.19*	52.15*	6.78*	18.63*	2.42*
oct-24	179.25*	28.76*	52.15*	6.78*	18.63*	2.42*
nov-24	179.26*	33.14*	52.15*	6.78*	18.63*	2.42*
dec-24	179.26*	41.83*	52.15*	6.78*	18.63*	2.42*

* Reference Prices/Ratios estimated as of 05/09/2022 are not binding to invoice.

** net = consumed - compensable regenerated, considered at border point with the electricity sector.

Published on 7 December 2022

SC-2 ANNUAL PUBLICATION OF THE FORECAST (*) OF THE SUPPLY COST RATES FOR ELECTRIFIED LINES IN DIRECT CURRENT IN THE CONVENTIONAL NETWORK FOR 2024:

SC-2	Reviewed reference / Invoicing prices *		Reviewed reference / Invoicing conversión ratios *							
Month of service	TE^{ccC} €/MWh net**	$TATR^{ccC}$ €/MWh net**	Freight rc_m^{ccC} (Wh/TKB)	Freight rg_m^{ccC} (Wh/TKB)	Long distance rc_{ld}^{ccC} (Wh/TKB)	Long distance rg_{ld}^{ccC} (Wh/TKB)	Medium Distance rc_{md}^{ccC} (Wh/TKB)	Medium Distance rg_{md}^{ccC} (Wh/TKB)	Commuter rc_c^{ccC} (Wh/TKB)	Commuter rg_c^{ccC} (Wh/TKB)
jan-24	185.46*	62.84*	22.17*	2.22*	35.46*	3.55*	39.90*	3.99*	57.63*	5.76*
feb-24	185.46*	66.02*	22.17*	2.22*	35.46*	3.55*	39.90*	3.99*	57.63*	5.76*
mar-24	185.47*	52.67*	22.17*	2.22*	35.46*	3.55*	39.90*	3.99*	57.63*	5.76*
apr-24	185.47*	35.12*	22.17*	2.22*	35.46*	3.55*	39.90*	3.99*	57.63*	5.76*
may-24	185.47*	34.99*	22.17*	2.22*	35.46*	3.55*	39.90*	3.99*	57.63*	5.76*
jun-24	185.47*	42.84*	22.17*	2.22*	35.46*	3.55*	39.90*	3.99*	57.63*	5.76*
jul-24	185.47*	65.55*	22.17*	2.22*	35.46*	3.55*	39.90*	3.99*	57.63*	5.76*
aug-24	185.47*	43.99*	22.17*	2.22*	35.46*	3.55*	39.90*	3.99*	57.63*	5.76*
sep-24	185.47*	42.37*	22.17*	2.22*	35.46*	3.55*	39.90*	3.99*	57.63*	5.76*
oct-24	185.47*	36.33*	22.17*	2.22*	35.46*	3.55*	39.90*	3.99*	57.63*	5.76*
nov-24	185.47*	52.31*	22.17*	2.22*	35.46*	3.55*	39.90*	3.99*	57.63*	5.76*
dec-24	185.48*	64.85*	22.17*	2.22*	35.46*	3.55*	39.90*	3.99*	57.63*	5.76*

* Reference Prices/Ratios estimated as of 05/09/2022 are not binding to invoice.

** net = consumed - compensable regenerated. considered at border point with the electricity sector.

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NETWORK STATEMENT 2024_ADIF-AV_V.0 (ED 07/12/2022)

SC-2 ANNUAL PUBLICATION OF THE FORECAST (*) OF THE SUPPLY COST RATES FOR DIRECT CURRENT ELECTRIFIED LINES IN RAM FOR 2024:

SC-2	Reviewed reference / Invoicing prices *		Reviewed reference / Invoicing conversión ratios			
Month of service	TE^{ccR} €/MWh net**	$TATR^{ccR}$ €/MWh net**	Passengers rc_v^{ccR} (Wh/TKB)	Passengers rg_v^{ccR} (Wh/TKB)	Freight rc_m^{ccR} (Wh/TKB)	Freight rg_m^{ccR} (Wh/TKB)
jan-24	186.68*	47.60*	46.21*	4.62*	17.77*	1.78*
feb-24	186.68*	46.41*	46.21*	4.62*	17.77*	1.78*
mar-24	186.68*	39.93*	46.21*	4.62*	17.77*	1.78*
apr-24	186.68*	31.49*	46.21*	4.62*	17.77*	1.78*
may-24	186.68*	31.73*	46.21*	4.62*	17.77*	1.78*
jun-24	186.68*	35.64*	46.21*	4.62*	17.77*	1.78*
jul-24	186.68*	51.17*	46.21*	4.62*	17.77*	1.78*
aug-24	186.68*	34.90*	46.21*	4.62*	17.77*	1.78*
sep-24	186.68*	35.17*	46.21*	4.62*	17.77*	1.78*
oct-24	186.68*	31.53*	46.21*	4.62*	17.77*	1.78*
nov-24	186.68*	41.32*	46.21*	4.62*	17.77*	1.78*
dec-24	186.68*	47.48*	46.21*	4.62*	17.77*	1.78*

* Reference Prices/Ratios estimated as of 05/09/2022 are not binding to invoice.

** net = consumed - compensable regenerated, considered at border point with the electricity sector.

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