

Timetable period of 2023-24 - Determination of charge + mark-up* to be paid for services											
Service group	Service		Infrastructure Manager providing the service	Revenues, costs and expenditures that can be taken into account when determining the charge+mark-up	Categories		Distribution of items to individual charge categories that can be considered when determining the charge + mark-up	Performance indicator as the basis of determining the charge + mark-up	Method for determining the charge + mark-up	Measure unit of the amount to be paid	Other remarks
	Charge for ensuring of train path		MÁV/ GYSEV	Direct costs and expenditures assigned to the service „Handling of requests for railway network capacity" (service defined in point I. a) of Annex 3 of the Railway Act), as well as central budgetary subsidy assigned to the service (reimbursement of costs).	-		-	Train km performed by freight, passenger and loco trains	(Revenues, costs and expenditures to be taken into account when determining the charge item and mark-up) / (Probable train km of trains expected to run in the year of charge)	HUF/train km	
	Running of trains	Gross ton km proportionate part of charge	GYSEV					Total gross ton km performed by freight, passenger and loco trains	(Revenues, costs and expenditure that can be considered in the gross ton proportionate part of charge of running of trains / gross ton kilometre performance by freight, passenger and loco trains to be expected in the year of charge)	HUF/gross ton km	
			MÁV					Total gross ton km performed by general freight, passenger and loco trains	(Revenues, costs and expenditure that can be considered in the gross ton proportionate part of charge of running of trains / gross ton kilometre performance by general freight, passenger and loco trains to be expected in the year of charge)	HUF/gross ton km	
								Total gross ton km performed by special, freight trains - Záhony freight train	(Revenues, costs and expenditure that can be considered in the gross ton proportionate part of charge of running of trains / gross ton kilometre performance by specialist, Záhony freight trains to be expected in the year of charge)		
								Total gross ton km performed by special, freight trains - Corridor freight train	(Revenues, costs and expenditure that can be considered in the gross ton proportionate part of charge of running of trains / gross ton kilometre performance by specialist, Corridor freight trains to be expected in the year of charge)		
						category 1		Train km performed by general freight trains on line sections of category I	(Revenues, costs and expenditures that can be taken into account in the train km proportionate part of charge of running of trains to be paid by general freight trains on line sections of category I) / (train km performance of general freight trains on line sections of category I to be expected in the year of charge)		

BASIC SERVICE				MÁV; GYSEV		General freight train	category 2		Train km performed by general freight trains on line sections of category II	(Revenues, costs and expenditures that can be taken into account in the train km proportionate part of charge of running of trains to be paid by general freight trains on line sections of category II) / (train km performance of general freight trains on line sections of category II to be expected in the year of charge)						
							category 3		Train km performed by general freight trains on line sections of category III	(Revenues, costs and expenditures that can be taken into account in the train km proportionate part of charge of running of trains to be paid by general freight trains on line sections of category III) / (train km performance of general freight trains on line sections of category III to be expected in the year of charge)						
						Special freight train - Záhony trains	category 1		Train km performed by special, Záhony freight trains on line sections of category I	(Revenues, costs and expenditures that can be taken into account in the train km proportionate part of charge of running of trains to be paid by special, Záhony freight trains on line sections of category I) / (train km performance of special, Záhony freight trains on line sections of category I to be expected in the year of charge)						
							category 2		Train km performed by special, Záhony freight trains on line sections of category II	(Revenues, costs and expenditures that can be taken into account in the train km proportionate part of charge of running of trains to be paid by special, Záhony freight trains on line sections of category II) / (train km performance of special, Záhony freight trains on line sections of category II to be expected in the year of charge)						
							category 3		Train km performed by special, Záhony freight trains on line sections of category III	(Revenues, costs and expenditures that can be taken into account in the train km proportionate part of charge of running of trains to be paid by special, Záhony freight trains on line sections of category III) / (train km performance of special, Záhony freight trains on line sections of category III to be expected in the year of charge)						
							category 1		Train km performed by special, Corridor freight trains on line sections of category I	(Revenues, costs and expenditures that can be taken into account in the train km proportionate part of charge of running of trains to be paid by special, Corridor freight trains on line sections of category I) / (train km performance of special, Corridor freight trains on line sections of category I to be expected in the year of charge)						
						In order to set values of individual categories of charges, revenues, costs and expenditures - referred to in this point and to be reimbursed in the train kilometre proportionate part of charge for running of trains - shall be broken down in correspondence with the following rules.										
						• From costs and expenditures booked directly to the concrete line section, only items which may be considered in the charge of running of passenger, freight and loco trains shall be assigned to line categories of I-III as they actually arise, and keeping in mind whether the given items of costs or expenditures will be reimbursed in the train kilometre proportionate or in the gross ton kilometre proportionate part of charge.										
						• Costs and expenditures beyond those covered by the previous paragraph, booked directly to the concrete line section shall be distributed among freight, passenger and loco trains in each line section proportionately to average performances that may be taken into account on the individual line sections (items of costs and expenditures to be reimbursed in the train kilometre proportionate part of charge as per train kilometre performance, items of costs and expenditures to be reimbursed in the gross ton kilometre proportionate part of charges as per gross ton kilometre performance).										
						• From costs and expenditures, directly not booked to concrete line										
Detailed methodology for classifying certain (statistical) track sections into line categories can be found in Annex 7.																
Data source that can be considered when determining performances is the performance-measuring system of the infrastructure manager.																
Two elements of the service „Running of trains“ shall be accounted in HUF/train kilometre + HUF/gross ton kilometre measure units.																

[illegible]

[illegible]

Use of stations by passenger trains for stopping	MÁV; GYSEV	Revenues, costs and expenditures assigned to the service of "Use of stations by passenger trains for stopping"	category 1	<ul style="list-style-type: none"> Revenues, costs and expenditures divided and booked directly to the concrete station, or track sections of a station, shall be assigned to station categories I-IV based on their factual occurrence. Revenues, costs and expenditures not divided and not booked directly to a concrete station or track sections of a station but to be reimbursed in the charge of use of stations by passenger trains for stopping, shall be distributed among station categories I-IV based on the ratio of the number of the use of stations that can be taken into account at certain stations. 	Number of use of station by passenger trains for stopping at stations of category I (pcs)	(Revenues, costs and expenditures assigned to the use of stations for stopping by passenger trains at stations of category I) / (number of use of stations for stopping by passenger trains at stations of category I to be expected in the year of charge)	HUF/station use	<p>Detailed methodology of categorisation of stations, stops and halts from passenger transport point of view can be seen in Annex 5.</p> <p>Data source that can be considered when determining performances is the performance-measuring system of the infrastructure manager.</p>
			category 2		Number of use of station by passenger trains for stopping at stations of category II (pcs)	(Revenues, costs and expenditures assigned to the use of stations for stopping by passenger trains at stations of category II) / (number of use of stations for stopping by passenger trains at stations of category II to be expected in the year of charge)	HUF/station use	
			category 3		Number of use of station by passenger trains for stopping at stations of category III (pcs)	(Revenues, costs and expenditures assigned to the use of stations for stopping by passenger trains at stations of category III) / (number of use of stations for stopping by passenger trains at stations of category III to be expected in the year of charge)	HUF/station use	
			category 4		Number of use of station by passenger trains for stopping at stations of category IV (pcs)	(Revenues, costs and expenditures assigned to the use of stations for stopping by passenger trains at stations of category IV) / (number of use of stations for stopping by passenger trains at stations of category IV to be expected in the year of charge)	HUF/station use	

SUPPLEMENTARY SERVICE	Use of origin/destination station by passenger trains	MÁV; GYSEV	Revenues, costs and expenditures assigned to the service of "Use of origin/destination stations" by passenger trains"	category 1	<ul style="list-style-type: none"> Revenues, costs and expenditures divided and booked directly to the concrete station, or track sections of a station, shall be assigned to station categories I- IV based on their factual occurrence. Revenues, costs and expenditures not divided and not booked directly to a concrete station or track sections of a station but to be reimbursed in the charge of use of origin/destination stations by passenger trains, shall be distributed among station categories I-IV based on the ratio of the number of the use of stations that can be taken into account at certain stations. 	Number of use of origin/destination station by passenger trains at stations of category I (pcs)	(Revenues, costs and expenditures assigned to the use of origin/destination stations by passenger trains at stations of category I) / (number of use of origin/destination stations by passenger trains at stations of category I to be expected in the year of charge)	HUF/station use	<p>Detailed methodology of categorisation of stations, stops and halts from passenger transport point of view can be seen in Annex 5.</p> <p>Data source that can be considered when determining performances is the performance-measuring system of the infrastructure manager.</p>
				category 2		Number of use of origin/destination station by passenger trains at stations of category II (pcs)	(Revenues, costs and expenditures assigned to the use of origin/destination stations by passenger trains at stations of category II) / (number of use of origin/destination stations by passenger trains at stations of category II to be expected in the year of charge)	HUF/station use	
				category 3		Number of use of origin/destination station by passenger trains at stations of category III (pcs)	(Revenues, costs and expenditures assigned to the use of origin/destination stations by passenger trains at stations of category III) / (number of use of origin/destination stations by passenger trains at stations of category III to be expected in the year of charge)	HUF/station use	
				category 4		Number of use of origin/destination station by passenger trains at stations of category IV (pcs)	(Revenues, costs and expenditures assigned to the use of origin/destination stations by passenger trains at stations of category IV) / (number of use of origin/destination stations by passenger trains at stations of category IV to be expected in the year of charge)	HUF/station use	

Use of station by freight trains	MÁV; GYSEV	Revenues, costs and expenditures assigned to the service of "Use of stations by freight trains"	category 1	<ul style="list-style-type: none"> Revenues, costs and expenditures divided and booked directly to the concrete station, or track sections of a station, shall be assigned to station categories I- III based on their factual occurrence. Revenues, costs and expenditures not divided and not booked directly to a concrete station or track sections of a station but for passenger trains to be reimbursed in the charge of use of stations by freight trains, shall be distributed among station categories I- III based on the ratio of the number of the use of stations that can be taken into account at certain stations. 	Number of use of station by wagons of freight trains/vehicles at stations of category I (pcs)	(Revenues, costs and expenditures assigned to the use of stations by freight trains at stations of category I) / (number of wagons of freight trains/vehicles using stations of category I to be expected in the year of charge)	HUF/station use	<p>Detailed methodology of categorisation of stations, stops and halts from freight transport point of view can be seen in Annex 6.</p> <p>Data source that can be considered when determining performances is the performance-measuring system of the infrastructure manager..</p>
			category 2		Number of use of station by wagons of freight trains/vehicles at stations of category II (pcs)	(Revenues, costs and expenditures assigned to the use of stations by freight trains at stations of category II) / (number of wagons of freight trains/vehicles using stations of category II to be expected in the year of charge)	HUF/station use	
			category 3		Number of use of station by wagons of freight trains/vehicles at stations of category III (pcs)	(Revenues, costs and expenditures assigned to the use of stations by freight trains at stations of category III) / (number of wagons of freight trains/vehicles using stations of category III to be expected in the year of charge)	HUF/station use	
Storage of vehicles	MÁV; GYSEV	Revenues, costs and expenditures assigned to the service of "Storage of vehicles"	-	-	Number of vehicles and duration of the storage of those vehicles which stand more than 24 hours on the track (vehicle, day).	(Revenues, costs and expenditures that can be considered when determining the charge and mark-up for storage of vehicles) / (number of days when vehicles are to be expectedly stored in the year of charge)	HUF/vehicle/day	Data source that can be considered when determining performances is the performance-measuring system of the infrastructure manager.
Use of wagon weigh bridges (scales)	MÁV, GYSEV	Revenues, costs and expenditures assigned to the service of "Ensuring access to the use of wagon weigh bridges"	-	-	Number of weighed vehicles	(Revenues, costs and expenditures that can be considered when determining the rate of charge and mark-up) / (number of vehicles to be expectedly weighed in the year of charge)	HUF/vehicle	Data source that can be considered when determining performances is the performance-measuring system of the infrastructure manager.
Use of refuelling facilities	MÁV; GYSEV	Revenues, costs and expenditures assigned to the service of "Ensuring access to refuelling facilities"	-	-	Volume of fuel supplied	(Revenues, costs and expenditures that can be considered when determining the charge and mark-up for access to refuelling facilities) / (Volume of fuel to be expectedly consumed in the year of charge)	HUF/litre	Data source that can be considered when determining performances is the performance-measuring system of the infrastructure manager.
Ensuring of shunting staff	MÁV; GYSEV	Revenues, costs and expenditures assigned to the service of "Ensuring of shunting staff"	Passenger train	Revenues, costs and expenditures directly booked or distributed to the shunting activity shall be assigned to the shunting service ensured for passenger trains as they in fact occurred.	Number of service staff ensured and duration of the service (person, hour)	(Regarding passenger trains, revenues, costs and expenditures assigned to the shunting staff required for shunting of passenger carriages) / (time need of shunting staff for passenger carriages to be expectedly ensured in the year of charge)	HUF/person/hour	Data source that can be considered when determining performances is the performance-measuring system of the infrastructure manager.
			Freight and loco train - 8 days previously ordered	Revenues, costs and expenditures directly booked or distributed to the shunting activity shall be assigned to the shunting service		(Regarding freight and loco trains, revenues, costs and expenditures assigned to the shunting staff required for shunting of freight and loco trains 8 days previously ordered) / (time need of shunting staff for freight and loco trains to be expectedly ensured in the year of charge)	HUF/person/hour	

			Freight and loco train - ordered within 8 days	the shunting activity shall be assigned to the shunting service ensured for freight and loco trains as they in fact occurred.		(Regarding freight and loco trains, revenues, costs and expenditures assigned to the shunting staff required for shunting of freight and loco trains ordered within 8 days) / (time need of shunting staff for freight and loco trains to be expectedly ensured in the year of charge)	HUF/person/hour	
Staff available for shunting	GYSEV	Revenues, costs and expenditures assigned to the service of "Staff available for shunting"	Passenger train	Revenues, costs and expenditures directly booked or distributed to the shunting activity shall be assigned to the shunting service ensured for passenger, freight and loco trains as they in fact occurred.	Duration (hour) of the ensured service and number of service staff (person) ensured	(For passenger trains, revenues, costs and expenditures necessary to the availability of shunting staff for passenger coaches) / (availability of shunting staff for passenger trains to be expectedly ensured in the year of charge)	HUF/vehicle/hour	Data source that can be considered when determining performances is the performance-measuring system of the infrastructure manager.
			Freight and loco train			(For freight and loco trains, revenues, costs and expenditures necessary to the availability of shunting staff for freight and loco trains) / (availability of shunting staff for freight and loco trains to be expectedly ensured in the year of charge)		
Ensuring of traction unit	MÁV; GYSEV	Revenues, costs and expenditures assigned to the service of "Ensuring of traction unit for shunting"	Passenger train	Revenues, costs and expenditure booked directly or distributed to the service of "Ensuring of traction unit" shall be assigned to shunting services ensured for passenger trains and freight and loco trains as they in fact occurred.	Number of the ensured traction unit and their performance expressed in time (number of units, hour)	(Regarding passenger trains, revenues, costs and expenditures assigned to the service of "Ensuring of traction unit" when determining the charge of this service) / (number of hours when the locomotive is expected to work in the year of charge)	HUF/vehicle/hour	Data source that can be considered when determining performances is the performance-measuring system of the infrastructure manager.
			Freight and loco train			(Regarding freight and loco trains, revenues, costs and expenditures assigned to the service of "Ensuring of traction unit" when determining the charge of this service) / (number of hours when the locomotive is expected to work in the year of charge)	HUF/vehicle/hour	
Traction unit available for shunting	GYSEV	Revenues, costs and expenditures assigned to the service of "Traction unit available for shunting"	Passenger train	Revenues, costs and expenditure booked directly or distributed to the service of "Availability of traction unit for shunting" shall be assigned to shunting services ensured for passenger trains and freight and loco trains as they in fact occurred.	Number of the ensured traction units and their availability expressed in time (number of units, hour)	(For passenger trains, revenues, costs and expenditures necessary to the availability of traction unit for passenger coaches) / (number of hours when the locomotive is expected to work in the year of charge)	HUF/vehicle/hour	Data source that can be considered when determining performances is the performance-measuring system of the infrastructure manager.
			Freight and loco train			(For freight and loco trains, revenues, costs and expenditures necessary to the availability of traction unit for passenger coaches) / (number of hours when the locomotive is expected to work in the year of charge)		

Ensuring of fuel for traction	MÁV; GYSEV	Revenues, costs and expenditures assigned to the service of "Ensuring of fuel for traction"	-	-	Volume of diesel fuel provided for traction purposes (l)	(Procurement price of diesel fuel applying to the infrastructure manager) / (Volume of diesel fuel to be expectedly used in the year of charge)	HUF/litre	Data source that can be taken into account when determining performances is the gas oil well information system operated by the infrastructure manager.
Ensuring of water for water supply	GYSEV	Revenues, costs and expenditures assigned to the service of "Ensuring of water for water supply"	-	-	Volume of water used for water supply (m3)	(Procurement price of water applying to the infrastructure manager) / (Volume of water to be expectedly used for water supply in the year of charge)	HUF/m3	The sum of costs and expenditures which can be taken into account when calculating the fee of water used for water supply is equal to the costs and expenditures related to the procurement of water. Data source that can be considered when determining performances is the performance-measuring system of the infrastructure manager.
Outdoor train acceptance	MÁV	Revenues, costs and expenditures assigned to the service of "Outdoor train acceptance"	-	-	Number of service staff ensured and duration of the service (person, hour)	(Revenues, costs and expenditures assigned to the service of "Outdoor train acceptance" when determining the charge of this service) / (time need of service staff to be expectedly ensured in the year of charge)	HUF/person/hour	Data source that can be considered when determining performances is the performance-measuring system of the infrastructure manager.
Train preparation	GYSEV	Revenues, costs and expenditures assigned to the service of "Train preparation"	-	-	Number of service staff ensured and duration of the service (person, hour)	(Revenues, costs and expenditures assigned to the service of "Train preparation" when determining the charge of this service) / (time need of service staff to be expectedly ensured in the year of charge)	HUF/person/hour	Data source that can be considered when determining performances is the performance-measuring system of the infrastructure manager.
Ensuring of staff for weighing	MÁV	Revenues, costs and expenditures assigned to the service of "Ensuring of staff for weighing"	-	-	Number of weighed vehicles	(Revenues, costs and expenditures assigned to the service of "Ensuring of staff for weighing" when determining the charge of this service) / (number of vehicles to be expectedly weighed in the charge year)	HUF/vehicle	Data source that can be considered when determining performances is the performance-measuring system of the infrastructure manager. The charge of staff ensured for weighing does not include the ensuring of getting to the scale. If, for getting to the scale, a locomotive, driving crew, station shunting crew are required, they should be ordered by the railway undertaking additionally.
Exchange of axles	MÁV	Revenues, costs and expenditures assigned to the service of "Exchange of axles"	-	-	The number of wagons the axles of which need to be exchanged at Záhony Area	(Revenues, costs and expenditures assigned to the service of "Exchange of axles" when determining the charge of this service) / (Number of wagons to be expected to use in the year of charge)	HUF/vehicle	Data source that can be considered when determining the performance is the Záhony Automated Control System.
Use of bogies	MÁV	Revenues, costs and expenditures assigned to the service of "Use of bogies"	-	-	Number of wagons using the service „Use of bogies" and duration of using this service (number, hour)	(Revenues, costs and expenditures assigned to the service of "Use of bogies" when determining the charge of this service) / (Use of bogies expected to be performed in the year of charge)	HUF/hour/bogie	Data source that can be considered when determining the performance is the Záhony Automated Control System.
			Transmitted traction current	-		(Selling costs of the total volume of traction current to be prospectively transmitted in the given business year) / (Volume of traction current to be prospectively transmitted in the year of charge)		

Ensuring of electric energy for traction	MÁV; GYSEV	Revenues, costs and expenditures assigned to the service of "Ensuring of electric energy for traction"	system-use	-	Volume of traction current to be expectedly transmitted in the charging year (kWh)	(Cost of system-use (transmitted service) to be expected in the given business year as regards the transmitted traction current and related network loss) / (Volume of traction current to be prospectively transmitted in the year of charge)	HUF/kWh	
			Network loss of transmitted traction current	-		(Costs of the network loss related to the total volume of traction current to be prospectively transmitted in the given business year) / (Volume of traction current to be prospectively transmitted in the year of charge)		
			Energy tax	-		(Cost of tax coming to the transmitted traction current and to related network loss in the given business year in accordance with legal rules) / (Volume of traction current to be prospectively transmitted in the year of charge)		
			Funds in accordance with Electric Energy Law (Vet.)	-		(Cost of finances coming to the transmitted traction current and to related network loss in the given business year in accordance with § 147 of Vet) / (Volume of traction current to be prospectively transmitted in the year of charge)		
	MÁV; GYSEV	Revenues, costs and expenditures assigned to the service of "Ensuring of electric energy for other than traction purposes (preheating, precooling)"	Transmitted electric energy used for other than traction purposes (for preheating, precooling)	-	Volume of diesel fuel used for other than traction purposes (for preheating, precooling) (l)	(Selling costs of the total volume of transmitted electric energy for other than traction purposes (for preheating, precooling) to be prospectively used in the given business year) / (Volume of transmitted electric energy for other than traction purposes (for preheating, precooling) to be prospectively used in the year of charge)	HUF/kWh	
			System-use	-		(Cost of system-use (transmitted service) to be expected in the given business year as regards transmitted electric energy used for other than traction purposes (for preheating and precooling) and related network loss) / (Volume of transmitted electric energy for other than traction purposes (for preheating, precooling) to be prospectively used in the year of charge)		
			Network loss of transmitted electric energy used for other than traction purposes (for preheating, precooling)	-		(Selling costs of the network loss related to the total volume of electric energy for other than traction purposes (for preheating, precooling) to be prospectively transmitted in the given business year) / (Volume of electric energy for other than traction purposes (for preheating, precooling) to be prospectively transmitted in the year of charge)		

				Funds in accordance with Electric Energy Law (Vet.)	-		(Cost of finances coming to the transmitted electric energy used for other than traction purposes (for preheating, precooling) and to related network loss in the given business year in accordance with § 147 of Vet) / (Volume of traction current to be prospectively transmitted in the year of charge)		
	Ensuring of fuel for other than traction purposes (preheating, precooling)	MÁV	Revenues, costs and expenditures assigned to the service of "Ensuring of fuel for other than traction purposes (preheating, precooling)"	-	-	Volume of diesel fuel used for other than traction purposes (for preheating, precooling) (l)	(Procurement price of diesel fuel applying to the infrastructure manager) / (Volume of diesel fuel to be expectedly used in the year of charge for other than traction purposes (preheating, precooling))	HUF/litre	Data source that can be taken into account when determining performances is the gas oil well information system operated by the infrastructure manager.
ANCILLARY SERVICE	Technical inspection of railway vehicles	GYSEV	Revenues, costs and expenditures assigned to the service of "Technical inspection of railway vehicles"	-	-	Number of technically examined railway vehicles	(Revenues, costs and expenditures assigned to the service of "Technical inspection of railway vehicles" when determining the charge of this service) / (Number of trains to be prospectively examined in the year of charge)	HUF/train	Data source that can be considered when determining performances is the statistical system of the infrastructure manager. When determining the charge of the service, also charges used by other suppliers may be considered in accordance with paragraph 4 (5) b) of the Charging Decree. .
	Ticketing and reckoning activity	MÁV/GYSEV	Revenues, costs and expenditures assigned to the service of "Ticketing and reckoning activity"	-	-	Number of sold ticket	(Revenues, costs and expenditures assigned to the service of "Ticketing and reckoning activity") / (Number of tickets to be prospectively sold in the year of charge)	HUF/ticket	

* In this Annex, mark-up means the general mark-up in most cases.