0. Check weekly auction timeline	Thus Oper	ay 08:00 ing of Order Books			F	riday 09: <mark>Iosure o</mark>	:30 f Order E	Books	Friday 17:00 Results publication (<u>here</u>)		
1. Connect	https://www.cts-fra.epex						spot.com/login	1			
2. Navigate	national gridESO TRADING LIMITS MESSAGES					ES0-104-A					
3. Trade		4. Ch	eck your e	xposu	re and t	rading li	mits		5. Logout		
A. Get and fill your block order templ	your block order template Look over how much you can bid on a given auction session				ven	You can also use this menu to change you password					
 B. Select the auction session to trade 	Quantity limits are defined for each Unit (Portfolio) Product (Bidding Level) Period (EFA block) 						national gridESO CTS++ You are disconnected successfully				
C. Submit your orders	on Status 👻 🖡 DBK Closed	Use Quantity Limits Date 2020-06-26 ID • Portfolic	Bidding Level	Period •	Initial Value	r limits	Exposure V	Please cheo	Need more details? ckout trader's user guide (<u>here</u>)		
Block order file import follows an "All or r principle If your orders are displayed, they are val	nothing" idated!	799 AG-BLI 800 AG-BLI 801 AG-BLI 802 AG-BLI 803 AG-BLI 804 AG-BLI 805 AG-BLI 806 AG-BLI 807 AG-BLI	W02 LFS W02 DLH W02 LFS W02 DLH W02 DLH W02 LFS W02 DLH W02 DLH W02 DLH W02 LFS W02 LFS W02 DLH	1 1 2 2 3 3 3 4 4 4 5	10.31 11.3 10.31 11.3 10.31 11.3 10.31 11.3 10.31 11.3	10.31 11.3 10.31 11.3 10.31 11.3 10.31 11.3 10.31 11.3	0 0 0 0 0 0 0 0 0 0	An i please c <u>cts-fra-</u>	ssue with the platform? ontact EPEX SPOT support: operation@epexspot.com		
D. Preview your	results	808 AG-BLI 809 AG-BLI	M02 DLH M02 LFS	5	11.3 10.31	11.3	0	lcor	s by finnacreated, licensed under <u>CC BY 3.0</u>		

CTS++ cheat sheet for	NGESO's Frequenc	y Response Auc	tion: block orders	submission
		J I		

1. Get the template

File format and extension should not be altered

There is no restriction on the file name, but extension should be ".csv"

Decimal separator should be a dot (".") and values separator should be semicolon (";")

Link to template on NGESO's website



You can change your computer value separator following <u>this procedure</u> **Important note**: After you change the value separator character for your computer, all programs use the new character as a value separator!

2. Fill in your orders										
Portfolio BiddingLevel OrderId Version User ID BlockCode BlockPRM MAR	Price 1	2	3	4	5	6	[]] 4 1	L 4	,2
1 line in the file = 1 order, associated to a given portfolio (Unit) and Bidding level (Product)										
Portfolio: Unit ID, as registered by NGESO for FRA trial	Troubleshooters									
Bidding Level: Product (e.g. LFS or DLH)	A validation will prevent you from trading on a product this unit has not been tested for									
Temporary user defined value to identify order Needs to be unique across the file	Orderld must be an integer within [1, 9999], and is mandatory for each order									
Will be replaced by a generated value, unique across all orders of all auction sessions	Families can only link orders of the same {unit, product} Span over a single EFA day									
C01 for a parent block (even if not linked to a child block) Can span over multiple periods (but not over multiple EFA days)	For a given family, only 1 C02 per period is allowed Prices should be multiple of £ 0.01									
C02 for a child block Defined on 1 period only (coincides with or adjacent to parent periods)	Mapping of perior and datetimes:	ds	Time	23:00- 03:00	03:00- 07:00	07:00- 11:00	11:00- 15:00	15:00- 19:00	19:00- 23:00	
Used to link a C02 with its parent: put here the OrderId of the C01 parent block			Sat Sun	1	2	<u>3</u>	4	5 11	<u>6</u> 12	
			Mon	13	14	15	16	17	18	
Order price, same for all periods the order is defined on			Tue	19	20	21	22	23	24	
Volume for each period: should be strictly negative (=sell orders)		-	Wed Thu	25 31	26 32	27 33	28 34	<u>29</u> 35	<u> </u>	
			Fri	37	38	39	40	41	42	
Unused : Version, User ID and MAR are automatically filled using resp. OrderId, User ID assigned by the ESO in registration process and BlockCode.	Multiple volumes on 1 line = 1 multi-period order (<u>not</u> multiple single period orders!)									