We have three flags used to filter contracts during upload:
1. **BSECashUpload_TPluseZero**
   - o **true**: Upload contracts with T+0 settlement.
   - o **false**: Skip uploading T+0 contracts.

2. **BSECashUpload_InstTypeEquity**
   - o **false**: Upload all contracts where FinInstrmTp = 'E'/ 'D'/ 'C'.
   - o **true**: Upload only equity contracts (FinInstrmTp = 'E') that have a valid ISIN (ISIN starting with 'IN') and fall within the standard token series (i.e., FinInstrmId between **500000** and **599999**).

3. **BSECashUpload_Suspended**
   - o **true**: Upload contracts regardless of their suspension status (Sts = 'A' for Active or Sts = 'S' for Suspended).
   - o **false**: Upload only active contracts (Sts = 'A'), i.e., exclude suspended ones (Sts != 'S').

With this **3 flags** we can have total **8 combinations** to upload the **BSE Contracts** which reflects in **'GreekBSEToken'** and **'Contracts'** Table under **market_id = 4**. This are shown in below Image **- (Note:** Taking the reference of **New Contracts Security** on **08-05-2025** and File name - '**BSE_EQ_SCRIP_08052025.csv**')

m_bBSECashUpload_DeleteTPluseZero	TRUE	TRUE	TRUE	TRUE
m_bBSECashUpload_InstTypeEquity	TRUE	TRUE	FALSE	FALSE
m_bBSECashUpload_Suspended	TRUE	FALSE	TRUE	FALSE
Total Upload Count	**6299**	**4895**	**16952**	**13100**
m_bBSECashUpload_DeleteTPluseZero	FALSE	FALSE	FALSE	FALSE
m_bBSECashUpload_InstTypeEquity	TRUE	TRUE	FALSE	FALSE
m_bBSECashUpload_Suspended	TRUE	FALSE	TRUE	FALSE
Total Upload Count	**6299**	**4895**	**16527**	**12678**

Cases which are working properly –

Case 1:

	BSECashUpload_InstTypeEquity	= false &
	BSECashUpload_Suspended	= true

And we check for	**BSECashUpload_TPluseZero**	= true
We are getting	**Total Upload Count**	= 16952

Here we upload all the securities, with **FinInstrmTp = 'E'/ 'D'/ 'C'** be **it suspended or not** having **valid ISIN or not** , it is **in normal token series or not** and also the **T+0** contracts as its flag is true. So be it anything we upload all the contracts.

	BSECashUpload_InstTypeEquity	= false &
	BSECashUpload_Suspended	= true
And we check for	**BSECashUpload_TPluseZero**	= false
We are getting	**Total Upload Count**	= 16527

Here we upload all the securities, with **FinInstrmTp = 'E'/ 'D'/ 'C'** be it **suspended or not** having **valid ISIN or not** , it is **in normal token series or not**, we upload all the contracts just removing the **T+0** as its flag is false.

Cases which have error –

Here I found issues which is not limited to T+0 but also for overall contracts upload for BSE EQ –

Case 1:

	BSECashUpload_InstTypeEquity	= false &
	BSECashUpload_Suspended	= false
And we check for	**BSECashUpload_TPluseZero**	= true
We are getting	**Total Upload Count**	= 13100

Which includes 2 securities which have Suspended status **i.e. Sts = 'S'** and we still upload them and not able to Bypass them as they are IPO or Relist (**CallAuctnInd = 1 and 2 respectively**). The Securities have Token, Symbol and Script name as below –

Sr. No.	FinInstrmId (Token)	TckrSymb (Symbol)	FinInstrmNm (Script Name)
1	506580 - Relist	PBGLOBAL	PB Global Limited
2	544255 - IPO	TRAFIKSOL	TRAFIKSOL ITS TECHNOLOGIES LIM

Case 2:

	BSECashUpload_InstTypeEquity	= false &
	BSECashUpload_Suspended	= false
And we check for	**BSECashUpload_TPluseZero**	= false
We are getting	**Total Upload Count**	= 12678

Which includes 2 securities which have Suspended status **i.e. Sts = 'S'** and we still upload them and not able to Bypass them as they are IPO or Relist (**CallAuctnInd = 1 and 2** respectively). The Securities have Token, Symbol and Script name as below –

Sr. No.	FinInstrmId (Token)	TckrSymb (Symbol)	FinInstrmNm (Script Name)
1	506580 - Relist	PBGLOBAL	PB Global Limited
2	544255 - IPO	TRAFIKSOL	TRAFIKSOL ITS TECHNOLOGIES LIM

	BSECashUpload_InstTypeEquity	= true &
	BSECashUpload_Suspended	= true

And we check for	BSECashUpload_TPluseZero	= true / false
We are getting	Total Upload Count	= 6299

Firstly, this should not be an ideal case as we are getting same upload for both the cases and for **BSECashUpload_TPluseZero = true** 'T+0 contracts' are not uploaded but includes 1 securities which is **not in Normal Token Series i.e. FinInstrmId between 500000 – 599999** and we still upload it and not able to Bypass it as it is Relist (**CallAuctnInd = 2**). The Securities have Token, Symbol and Script name as below –

Sr. No.	FinInstrmId (Token)	TckrSymb (Symbol)	FinInstrmNm (Script Name)
1	211501 - Relist	DRSCARGO	DRS CARGO MOVERS LIMITED

Case 4:

	BSECashUpload_InstTypeEquity	= true &
	BSECashUpload_Suspended	= false

And we check for	BSECashUpload_TPluseZero	= true / false
We are getting	Total Upload Count	= 4895

Firstly, this should not be an ideal case as we are getting same upload for both the cases and for **BSECashUpload_TPluseZero = true** 'T+0 contracts' are not uploaded but includes total 3 securities which should not be uploaded i.e., 2 securities which have Suspended status **i.e. Sts = 'S'** and 1 securities which is **not in Normal Token Series i.e. FinInstrmId between 500000 – 599999** but we still upload them and not able to Bypass them as they are IPO or Relist (**CallAuctnInd = 1 and 2** respectively). The Securities have Token, Symbol and Script name as below –

Sr. No.	FinInstrmId (Token)	TckrSymb (Symbol)	FinInstrmNm (Script Name)
1	506580 - Relist	PBGLOBAL	PB Global Limited
2	544255 - IPO	TRAFIKSOL	TRAFIKSOL ITS TECHNOLOGIES LIM
3	211501 - Relist	DRSCARGO	DRS CARGO MOVERS LIMITED