

# Vivian's Data Analysis/ Dashboard Demo

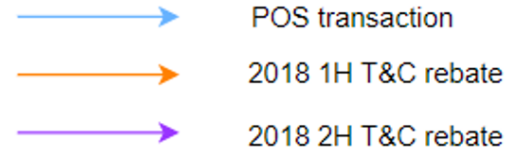
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Vivian Chang

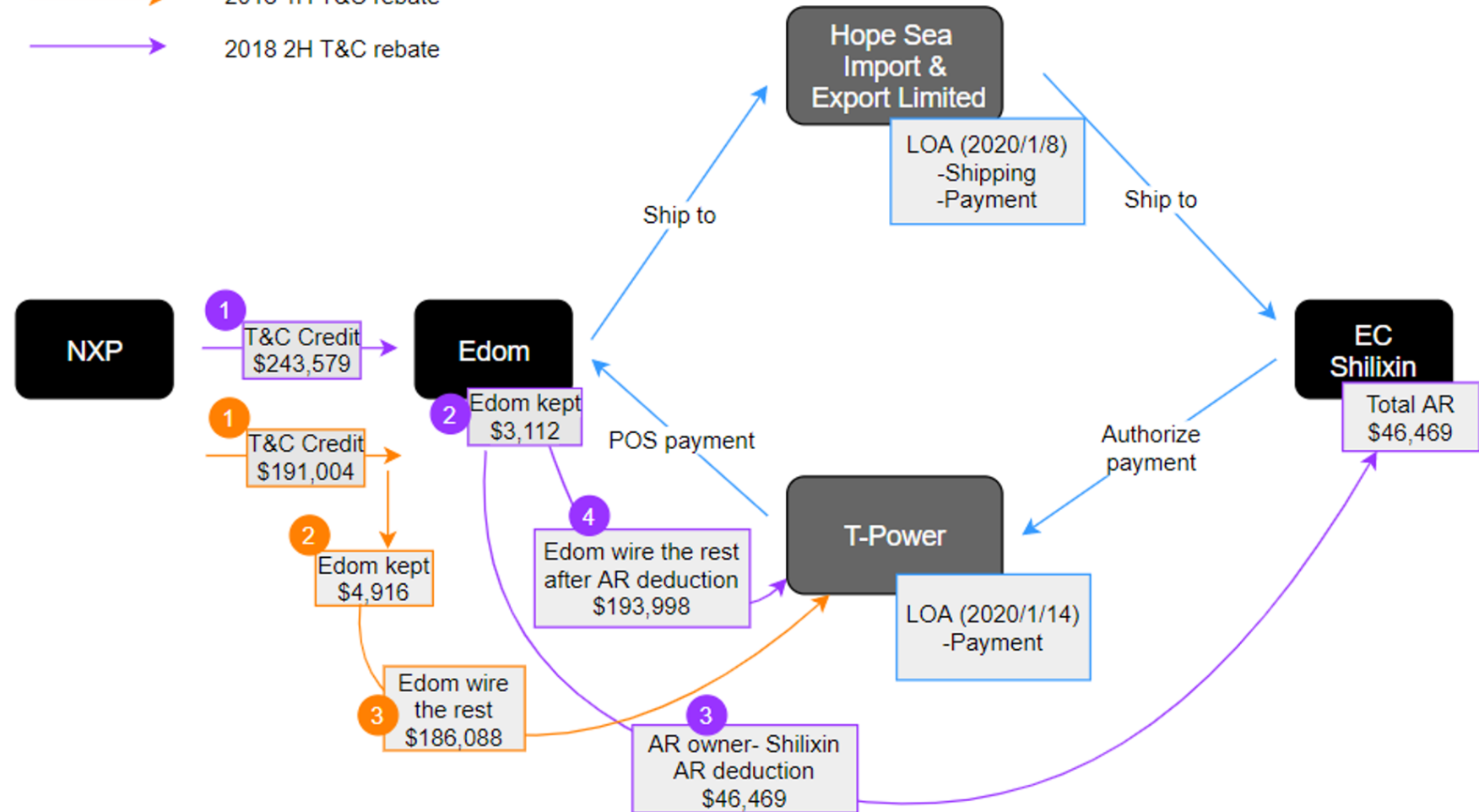
Jan. 10 2024

## POS and Rebate Payment Flows of Noticed Cases

### Edom Shilixin T&C Rebate Cash Flow



Tools used: draw.io



# NCNR Overview

GSM NCNR Version: 1.3

Last Updated: Mar 16, 2022 10:50:29 AM CST

NCNR Request

7.1bn

Exception Request

-228.2M

NCNR Fcst + Exceptions

6.9bn

Supply Response

4.1bn

Δ Supp. Resp - (NCNR Fcst+Exp)

-2.8bn

BU, BL, MAG, 5TG

CACC Description

Base Region

End Market

Exceptions Only

Select View :

USD

QTY

All

All

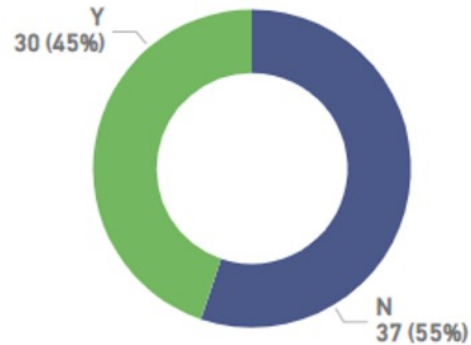
All

All

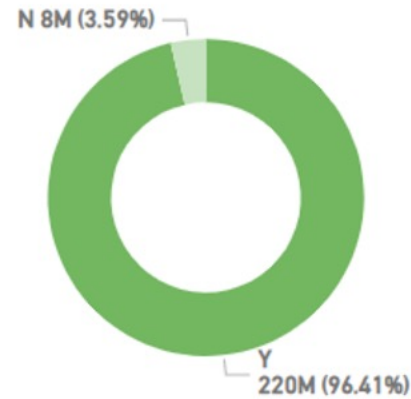
N

Y

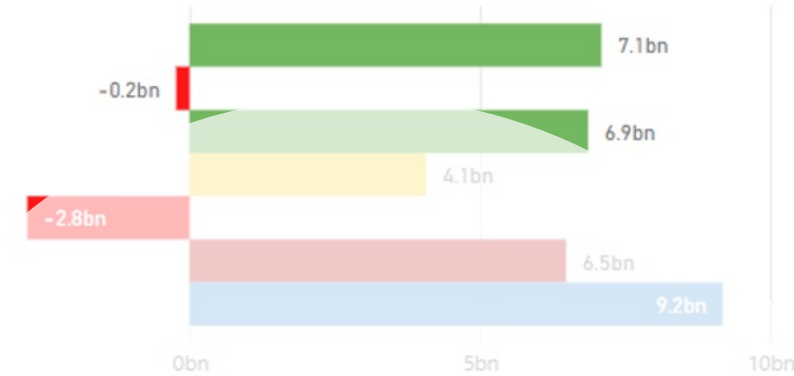
Exceptions received by customer count



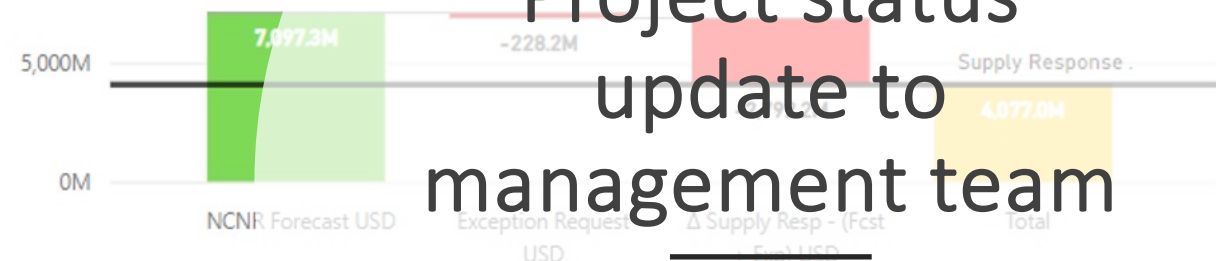
\$250k exception threshold



NCNR Forecast USD  
Exception Request USD  
NCNR Fcst + Exceptions USD  
Supply Response USD  
Δ Supply Resp - (Fcst + Exp) USD  
Confirmed Vis USD  
Requested Vis USD



Project status  
update to  
management team



Tools used: PowerBI (interactive dashboard)

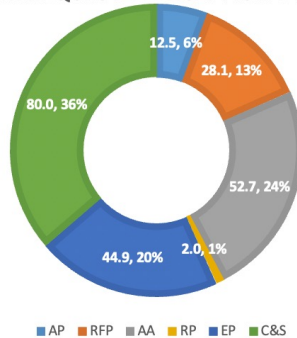
Customer					
CACC	NCNR Forecast	Exception Request	NCNR Fcst + Exceptions	Supply Response	Δ Resp - (Fcst+Exp)
	1,362.2M		1,362.2M	400.9M	-961.3M
	467.6M	-14.9M	452.7M	377.6M	-75.1M
	431.6M		431.6M	356.8M	-74.8M
	376.2M		376.2M	300.2M	-76.0M
	331.1M	-36.1M	295.0M	131.4M	-163.6M
HYUNDAI	285.2M		285.2M	152.5M	-132.7M
	269.8M		269.8M	175.9M	-93.9M
	252.7M	-0.2M	252.4M	182.3M	-70.2M
	282.0M	-31.5M	250.5M	203.7M	-46.8M
	170.1M		170.1M	118.8M	-51.4M

Base Region	NCNR Forecast	Exception Request	NCNR Fcst + Exceptions	Supply Response	Δ Resp - (Fcst+Exp)
EU	2,617.3M	-39.6M	2,577.7M	1,244.9M	-1,332.8M
NA	1,606.0M	-0.2M	1,605.7M	1,187.4M	-418.3M
JP	1,052.3M	-19.7M	1,032.5M	805.1M	-227.4M
KR	907.9M	-67.8M	840.2M	494.9M	-345.3M
GC	801.4M	-90.6M	710.7M	269.7M	-441.0M

## BL Phase 1 Exception Request

41 NCNR + Exception > supply response 36%  
62 NCNR + Exception < supply response 54%  
12 no supply response 10%

NCNR REQUESTED EXCEPTION BY BL

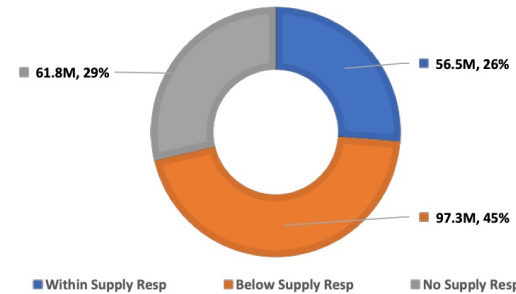


Phase 1  
Exceptions  
\$215.6M >  
\$250K

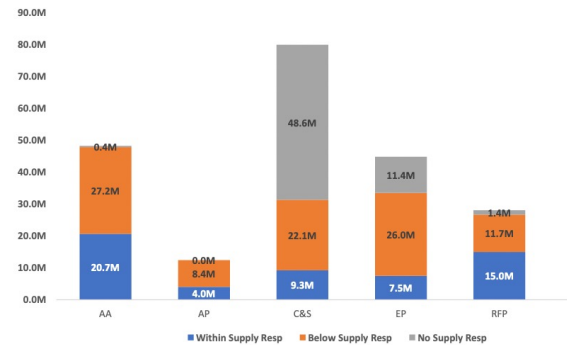
### Remark:

- Data profiled at CACC+TG5 level in \$
- Those that didn't provide Supply Response were excluded from comparison, to avoid data misleading (item list in Appendix A)

NCNR REQUESTED EXCEPTION VS SUPPLY RESPONSE



NCNR REQUESTED EXCEPTION VS SUPPLY RESPONSE BY BL



Project status  
update to  
management  
team cont.

Tools used: Excel

# Weekly Sales Report Dashboard

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Tools used: SQL, Excel, PowerPivot, PowerQuery, DAX (interactive dashboard)

\*Sensitive info is hidden



# Simple Dashboard

B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
<div>Overdue Indicator (Multiple Items)</div> <div>Sold To Sales Channel V2 DIS</div> <div>STAR N</div>													refresh date 2021/4/19					
FULFILLMENT_REGION	Unit in \$M																	
	Req Vis prior to 2Q21	Req Vis 2Q21	Conf Vis 2Q21	Conf Vis Req prior to 2Q21	Conf Vis Req in 2Q21	MM 2Q21	Req Vis prior to 3Q21	Req Vis 3Q21	Conf Vis 3Q21	Conf Vis Req prior to 3Q21	Conf Vis Req in 3Q21	MM 3Q21	Req Vis prior to 4Q21	Req Vis 4Q21	Conf Vis 4Q21	Conf Vis Req prior to 4Q21	Conf Vis Req in 4Q21	MM 4Q21
AMR	202	160	150	108	43	212	78	135	120	78	42	93	88	102	134	88	45	56
EMEA	183	188	177	123	54	194	87	226	182	87	95	132	106	194	204	106	98	95
GC	613	724	587	389	197	751	310	814	558	310	248	566	354	654	588	354	234	420
JPN	181	256	237	150	87	201	122	319	256	122	134	186	139	298	280	139	141	156
KOR	38	41	34	22	11	45	19	44	33	19	13	30	24	38	38	24	14	23
SAP	64	83	59	41	18	88	36	74	58	36	22	52	35	60	57	35	22	38
Grand Total	1,281	1,452	1,242	833	410	1,491	652	1,611	1,205	652	553	1,058	746	1,345	1,301	746	555	790

Tools used: SQL, Excel (interactive dashboard)