Odisha Power Transmission Corporation Ltd.Bhubaneswar.

Minutes of 70th PSOC Committee held on 30.08.2013 at PTC, Chandaka.

List of participants is at Annexure-A.

The meeting was chaired by Director (Commercial), GRIDCO.

Sr. G.M (PS) welcomed all the participants to the 70th Power System Operational Coordination meeting and highlighted the system performance during the month of July'13 and overall power scenario of the State. He also emphasized the over drawal by Discoms during the month.

A.G.M. (SS) took the agenda items for discussion.

The review proceeded as follows:

Item no. A.1: Confirmation of minutes of 69th PSOC meeting held on 12.07.13

The minutes was circulated vide letter dated 01.08.13 to all the members and also uploaded in SLDC website.

Since no comments were received, members may confirm the minutes.

Deliberation in the meeting

Minutes of 69th PSOC meeting was confirmed.

PART B

Item no.B1: Review of Grid Performance for the month of July'13.

(A) Frequency

It was noticed that 83.20 % of times the frequency remained in the band of 49.70Hz–50.20Hz (IEGC band) in comparison to 79.92% during the month June'13. The maximum and minimum System frequency during the month of July'13 was 50.73 Hz & 49.04 Hz respectively.

(B) Grid demand

Grid demand for the month of **July'13** was reviewed. The maximum System demand of **3578 MW** occurred on 20.07.13 at **21:00 Hrs** and minimum demand of **2180 MW** occurred on **30.07.2013** at **04:00 Hrs**.

Deliberation in the meeting

It is observed that, the peak demand during the month of July' 13 has been increased by 142 MW from that of June'13. The energy consumption during the month has been increased by 124 MU in comparison to June'13 and increased by 307.00 MU in comparison with July'12.

(C) Voltage Profile of important Sub Stations in OPTCL System.

The Voltage profile at different 220 kV buses in OPTCL system during the month of **July'13** was reviewed. It is noticed that **Jayanagar** and **Theruvali** 220 kV bus were experienced a maximum voltage of **245** kV and minimum Voltage of **210** kV has been experienced at **Bhadrak** 220 kV bus.

Deliberation in the meeting

Maximum voltage at Jaynagar & Theruvali was occurred due to under loading of long transmission lines & VAr flow from Jeypore PG end.

The VAr flow from Jayapore PG has also to be monitored and reported to ERLDC.

[Action: SLDC]

(D) Energy Generation / import during the month of July'13 was reviewed

The total quantum of energy drawn from all the generation sources including Central Sector Share and CGP support during the month of July'2013 was 2134.235MU.

(E) Drawal of Machhakund Power

The hourly drawal of Machhakund power during the month of July'13 was reviewed. The average drawal during July'13 was 24 MW.

(F) DISCOM Drawal during the month of July'13

The schedule and actual energy drawal by Discoms for the month of July'13 was reviewed.

Deliberation in the meeting

SLDC stated that the Discoms have drawn 2029.78 MU against schedule of 1703.139 MU during the month of July'13. The total over drawal quantum was 326.641 MU out of which WESCO has overdrawn the maximum of 126.520 MU followed by CESU 98.325 MU, NESCO 85.042 MU and SOUTHCO 16.754 MU. In the last meeting the Dicsoms were requested to furnish their drawal in a realistic manner, which is yet to be complied. Further, ERLDC is not allowing over drawal or under drawal during high and low frequency conditions respectively. SLDC could not prepare generation planning on day-ahead basis due non realistic drawal schedule of Discoms.

Responding the argument of Discoms that they are overdrawing only during high frequency condition, Director (Commercial) stated that although the requirement of power is there, the Discoms are deliberately furnishing lower schedule and taking the opportunity of high frequency condition. Such activity of the Discoms shall be considered as gaming. NLDC have recorded the over drawal of Gridco during the past months and placed while discussion at Powergrid Head quarters office, New Delhi. Over drawal, even at high frequency condition is also a threat to grid security.

It is also noticed that the Discoms are implementing load shedding even though, abundant power is available in the State. The Discoms are adopting a wrong ethics by improving loss through load shedding. Director (Commercial) advised SLDC to issue non-compliance message to Discoms and report to OERC as well as ERLDC.

All DISCOMs were requested to remain in schedule irrespective of frequency.

[Action:-SLDC/All Discoms]

PART C: NEW ISSUES

Item No: C1 Compliance of decisions of 88th ERPC meeting held on 20.08.2013

i) Review of load relief under various stages of UFR

As decided in the 88th OCC meeting of ERPC, CGM (O&M) was requested to implement the revised UFR setting in four stages and identify feeders accordingly before the next OCC meeting scheduled to be held on 10.09.2013. The revised UFR actuated load shedding scheme for Odisha system is as detailed:

Control	Stage –I	Stage –II	Stage-III	Stage-	Total Relief
Area	(49.2 Hz)	(49.0 Hz)	(48.8Hz)	IV(48.6Hz)	(MW)
	(MW)	(MW)	(MW)	(MW)	
Odisha	181.5	183.5	184	186	735

Deliberation in the meeting

CGM (O&M) has assured to implement the revised UFR scheme within the scheduled time period and intimate to ERLDC & ERPC.

[Action:-CGM (O&M)]

ii) Heavy loading of ICT at Jeypore PG and Jayanagar-Jeypore D/C line.

It was decided in the 88th OCC meeting of ERPC for strengthening of existing 220KV Jeypore-Jaynagar D/C line by constructing 2nd D/C line to satisfy (N-1) security criteria. Further OCC advised OPTCL to continue designing an SPS as was earlier decided and place the same before OCC for backing down of south Odisha hydro generation and to maintain the load in the affected region till the second line comes.

In the 88th OCC meeting OPTCL informed that, construction of second 220 kV D/C Jeypore-Jaynagar line is in progress and it would take one year.

Deliberation in the meeting

CGM (Const) stated that, completion of 220 kV Jayanagar-Jeypore 2nd D/C line will take more than a year as per the contract terms.

CGM (O&M) stated that ERLDC may design the logic of SPS so that OPTCL shall examine for implementation of the same. SLDC shall coordinate with ERLDC in this regard.

SLDC stated that overloading of the said line is due to export of power through Gazuwaka HVDC. Since the State is not exporting power to SR with effect from 1st August'13, it is not the State's responsibility for capacity augmentation of Jeypore-Jayanagar ckts. ERLDC may take necessary action for reduction of export to SR through Gazuwaka HVDC. It was decided to deliberate the above in the 89th OCC meeting of ERPC by SLDC.

[Action:-SLDC / CGM (O&M)]

iii) Commissioning of RTU at Machhakund PH

It was deliberated in the 88th OCC meeting that commissioning of RTU at Machhakund will be completed by end of August-13.

Deliberation in the meeting

GM (Telecom) stated that the waybill for cable and other accessory has already been issued. It is expected to complete the commissioning of RTU by September'13.

[Action:-G.M (Telecom)]

iv)220 KV Vedanta (9 x 135 MW): No status points are available.

OPTCL informed Vedanta has taken up the matter with ABB and will resolve the problem within 3 months.

Deliberation in the meeting

GM (Telecom) stated that VAL, Jharsuguda have already taken up the matter with their vender, ABB. The status point availability is expected by end of December'13.

[Action:-G.M (Telecom), VAL]

v) Commissioning of RTU at NALCO

OPTCL informed that work has been awarded and wiring is in progress. RTU will be commissioned by January, 2014.

Deliberation in the meeting

GM (Telecom) stated that commissioning of RTU at NALCO is expected by end of March'14.

[Action:-G.M (Telecom), NALCO]

vi)Tripping of lines due to suspected PLCC problem

Repeated tripping of 400kV GMR-TSTPP (Kaniha) has occurred due to suspected PLCC problem between TSTPP and GMR. On 08/07/13 and 09/07/13, as per report from GMR, the line had tripped due to receipt of direct trip from TSTPP end. It has been reported that PLCC for the above section is maintained by OPTCL. TSTPP/GMR/OPTCL may intimate the reasons for repeated tripping of the line and the latest PLCC status.

Deliberation in the meeting

GM (Telecom) stated that OPTCL is not maintaining the PLCC at GMR end, rather they are maintaining. This may be deliberated in the 89th OCC of ERPC by SLDC.

[Action:-SLDC]

Item No: C2 Communication issues

(I) Installation of RTU and associated equipments for RSP.

In the last meeting it was decided that RSP shall be reminded to complete the work early. GM (Telecom) to write letter to RSP.

Deliberation in the meeting

GM (Telecom) stated that The ADSS cable has already removed by RSP. As the underground cable has burnt, RSP is proposing for data transfer through OPGW, which will take time. As intimated by RSP, OPGW will reach at their site by September. The work is expected to be completed by October'13.

[Action:-RSP / GM (Telecom)]

(II) Installation of communication equipment by CGPs / Industries.

Present status of data communication from CGPs as intimated by G.M (Telecom) CGPs:

SL.	Name of CGP	Present status
No.		
1	M/s FACOR Power Limited	Overhead line is yet to done
2	M/s Shree Ganesh Metalicks Ltd	Taken up with OERC for penalty
3	M/s Hind Metals, Meramunduli	Supply Disconnected
4	M/s SEL, Jharsuguda	Data invoked from ERLDC & displayed at SLDC.
5	M/s Shalivahan Green Energy Ltd.	Taken up with OERC for penalty
6	M/s IFFCO, Paradeep	Estimation completed & asked to deposit.
8	M/s MSP Mettalicks	Time allowed up to 14.11.2013.
9	M/s Narbheram	BOQ issued on 06.07.12
10	M/s NINL, Duburi	Matter to be taken up with OERC

Item No: C3 Mock Black Start exercise of OHPC stations.

The status of commissioning of DG set at Upper Kolab PH may please be intimated.

Deliberation in the meeting

OHPC stated that the DG set at Upper Kolab has already rectified and commissioned on 30.07.2013. SLDC stated that mock drill for black start of Upper Kolab HPS shall be conducted during the month of October'13.

[Action:-SLDC / OHPC]

Item No: C4 Issues from last OCC meeting.

CESU:

In the last meeting CESU stated that the tentative date for commissioning of new 33 kV line to facilitate the LILO of Kalarangi Grid S/S will be intimated in the PSOC meeting.

Deliberation in the meeting

CESU stated that the status of construction of 33 kV line to relieve the 132 kV LILO ckt will be intimated in the next PSOC meeting.

[Action:-CESU]

NESCO:

- i) Replacement of defective 20 MVA (132/33 KV Transformer) & commissioning of 3rd 100 MVA Auto Transformer at Joda Grid Sub Station.
- ii) M/s Balasore Alloys and Auto Transformer No. II 100 MVA are on the same breaker which need to be separated.

Deliberation in the meeting

CGM (O&M) stated that the defective 20 MVA transformer at Joda has already been commissioned during July'13. Commissioning of 3rd 100 MVA Auto at Joda is expected by 15th October'13.

Action has already been taken for construction of 3rd bay at Balasore Grid S/S for separation of Balasore Alloy feeder.

[Action:-CGM (O&M]

SOUTHCO:

Adjustment of UI bills considering Machhakund drawal

In the last meeting it was decided that Southco representative shall come to SLDC for finalization of modality to resolve the issue but till now Southco did not turn up.

Deliberation in the meeting

It was decided that Southco representative will come to SLDC in the 1st week of September to finalise the modalities.

Item No: C5 ABT related issues

SLDC has assured to take necessary steps to improve the ABT data display in SLDC site. The system has been streamlined and the interruption of data display has been minimized.

Deliberation in the meeting

The Discoms have agreed to the proposal of SLDC to contact WIPRO and SLDC control center through mail followed by telephone only as detailed below so that the problem can be sorted out immediately. However, providing VPN connectivity to Discom control center is being examined by SLDC.

WIPRO: email: dashboard@sldcorissa.org.in : Tel: 0674-2748158

SLDC Control Room: email: sldcgridco@yahoo.com : Tel: 9438907088 / 9438907099 /

0674-2748961 / 2748417

[Action:-SLDC, All Discoms]

PART D: OPERATIONAL PLANNING

Item No: D1 Operational Constraints.

Non-functioning of isolator at Rengali Switchyard S/S.

While conducting mock drill of black start for Rengali PH, Bus "B" side isolator of Rengali PH-Rengali Switchyard ckt.-II did not operate at Rengali switchyard S/S, due to which, formation of island by charging Bus-B and subsequent synchronization to the system could not be made. For operational flexibility all the transmission elements need to be maintained and kept in service.

Deliberation in the meeting

CGM (O&M) stated that the isolator problem at Rengali Switchyard S/S has already been rectified.

Item No: D2 Non-functioning of breakers and relays at Theruvali Grid S/S.

It is found that as many as five numbers of 220 kV main / tie breakers at Theruvalli Grid S/S are in defunct condition, due to which, the purpose of "one and half breaker scheme" is not achieved and the restoration time after tripping of ckts is getting delayed. This also reduces the reliability and security of the Grid, which is a vital "Node" for South Odisha. It is also found that the DP relay of some of the 220 kV feeders has been removed. Immediate action need to be taken for rectification of the defunct breakers and relays at Theruvali S/S.

Deliberation in the meeting

CGM (O&M) stated that action has already been taken for replacement of breakers at Theruvali S/S.

Item No: D3 Reporting of major events & incidents to SLDC

- (i) In the last meeting SLDC stated that major events such as induction / replacement of transmission elements in the System are not being reported to SLDC. Such information is required for real time grid operation as well as for reporting to ERLDC. CGM (O&M) had assured to look into the matter. But SLDC is yet to receive the information such as commissioning of Purusottampur, Chandpur S/S during the month of August 2013.
- (ii) In the last meeting SLDC stated that details of major incidents indicating details of relay indication with timings are not being reported to SLDC immediately after their occurrence. In absence of this information, analysis & reporting to ERLDC is getting delayed. Also sometimes incorrect relay indications are being furnished by the Grid S/S without examining them. All the major incidences need to be analyzed in protection co-ordination sub-committee meeting of OPTCL before discussion in ERPC forum. CGM (O&M) assured to analyze the incidents in the protection sub-committee meeting. But the detail report for the blackout of Theruvali Grid S/S on 31.07.2013 has been received after a lapse of 10 days without detail analysis, that to after a lot of persuasion by SLDC. Since all the incidents are being monitoring by ERLDC as well as NLDC, correct reporting by the Grid S/S would help for analysis of the disturbances and to take remedial measures for future.

Deliberation in the meeting

CGM (O&M) stated that analysis of disturbances shall be done at O&M level. All the field units shall be instructed to send correct report to SLDC immediately after

occurrence. CGM (Const) assured to send information of major events to SLDC in future. CGM (Const) stated that Purusottampur & Chandpur S/S has charged on 11.08.2013 & 14.08.2013 respectively.

[Action: CGM (O&M) / CGM (Const)]

Item No:D4 Major Events in the month of July'13.

17.07.2013: Commissioning of 3rd 160 MVA auto transformer at Bidanasi Grid S/S

[Members to Note]

Item No: D5 UFR operation in OPTCL System during the month of July'13.

There is no UF Relay operation occurred during the month of July'13.

[Members to Note]

Item No: D6 Important Grid Incidences during the month of July'13

On 31.07.13 at 00:01 hrs all the 220 kV feeders emanating from Theruvali S/S tripped pulling out 220/132 kV, 100 MVA, Auto-I & II at Theruvali. On investigation it was found that there was a transient E/F in 220 kV Theruvali-U. Kolab line, which tripped at Upper Kolab end. Although the relay operated at Theruvali end the 'Y' ph breaker limb did not open at Theruvali end. The pole discrepancy relay did not operate due to DC contact failure. This resulted in tripping of all other 220 kV feeders at Theruvali/other end. At 00:23 hrs 220 kV Theruvali-Indravati Ckt-III charged and system normalized.

It is found that due to non-functioning of pole discrepancy relay, all the 220 kV ckts including Auto –I & II at Theruvali tripped. The tripping may be analyzed and remedial measures may be taken so that, such type of unwanted tripping may not occur in future.

Deliberations in the meeting

SLDC stated that O&M should convene Protection sub-Committee meeting to analyze all major incidents and suggest remedial majors, so that, the details can be presented before the Protection sub-Committee meeting of ERPC.

[Action: CGM (O&M)]

Item No: D7 Outage of major transmission Lines / Elements during the month of July'13 (for more than 10 hours).

Sl	Transmission lines	Tripping	Restoratio	Reason
No		Dt/time	n Dt/time	
1	220 kV New Duburi-Paradeep	04.07.13	05.07.13	'B' ph insulator damaged at
	Ckt-II	14:10	01:48	Loc. No-218.
2	220 kV Jaynagar-Jeypore PG	09.07.13	09.07.13	'R' ph coupling capacitor
	Ckt-I	01:18	12:08	and wave trap drop
				conductor burnt at
				Jayanagar end.
3	220 kV Budhipadar-Tarkera Ckt-I	12.07.13	13.07.13	'R' ph jumper snapped at
		19:35	14:33	Loc. No-40
4	132 kV Burla-Sambalpur Ckt	13.07.13	14.07.13	Hot spot observed in bypass
		18:25	16:25	isolator at Burla PH.
5	220 kV New Duburi-Paradeep	14.07.13	15.07.13	Line patrolling was done
	Ckt-I	17:01	10:32	but no fault found.

Major outages are due to snapping of jumper / insulator failure.

Deliberations in the meeting

CGM (O&M) stated that action is being taken for strengthening of jumpers and replacement of insulators.

[Action: CGM (O&M)]

Item No: D8 Review of Outage Program of State Generators / Transmission elements for the month of August & September 13:

Tentative Outage programme for State Generators for the month of **September '13** are as follows:

Sl.	Station	Unit	September'13			
1	Ib TPS	# 1	24.08.13 to 10.10.13	Annual Overhauling		
2	TTPS	# 4	22.09.13 to	Annual Overhauling		
			06.10.13			

Deferring of outage program for Ib Unit caused problem in generation planning by SLDC.

IBTPS representative did not attend the meeting for deliberation.

[Action: IBTPS]

Item No: D9 Generation Program for the month of August & September'13.

Generation schedule for the month of **August'13 & September'13** furnished by OHPC are given below.

Name of Hydro Gen. Station	Generation Programme (MW)		Reservoir Level as on 01.08.13	Reservoir Level as on 27.08.13	MDDL	High Flood Reservoir Level
	Aug'13	Sept'13				
HPS, Burla	170+50	170+50	609.43 ft	621.83 ft	590 ft.	630 ft.
Balimela	350	350	1495.70 ft	1509.10 ft	1440 ft.	1516 ft.
Rengali	160	240	115.96 mt	120.94 mt	109.72mtr	123.5 mtr.
U.Kolab	200	160	851.21 mt	854.30 mt	844 mtr	858 mtr.
U.Indravati	570	570	635.15 mt	640.01 mt	625mtr	642 mtr
MKD (O/D)	30 30		2729.2010	2742.60 ft	2685 ft.	2750 ft.
TOTAL	1530	1570				

Deliberations in the meeting

SLDC stated that OHPC has furnished the generation program for the month of September 2013 on 29.08.2013, due to which the monthly generation planning could not be prepared. OHPC was requested to furnish the month ahead generation schedule before 25th of the month.

[Action: OHPC]

PART E: OTHER ISSUES

Item No: E1 ABT related issues raised by Southco.

Southco has raised issues relating ABT as detailed

- 1. Non availability of data for all Grid S/Ss.
- 2. Erroneous data for some S/Ss
- 3. Past drawal data
- 4. Over drawal during examination period exemption of UI charges
- 5. Intimation of schedule revision to DSOCC.
- 6. Scheduling more than requisition.

Deliberations in the meeting

SLDC stated that all the S/Ss are not integrated to SCADA system. As such, it is not possible to provide all the S/S drawal data. Action has already been taken for renovation of the SCADA system to integrate all the S/Ss, on completion of which, all the S/S drawal data can be provided in the ABT dashboard. Necessary action is being taken for rectification of the erroneous data. Regarding exemption of UI charges, Southco may approach for relief through orders. Revision of drawal schedule shall be intimated to the respective ABT cell of Discoms in future. In the present spilling condition SLDC is backing down its ISGS share to optimize hydro generation. Due to technical minimum generation of ISGS units, the minimum quantum of power has to be drawn by the State. Accordingly the same is being allocated to the Discoms apportioning their respective percentage of share. CGM (IT) stated that the format for past drawal data requirement may be furnished to examine for providing in the ABT dashboard.

Item No: E2 Date and Venue of the next (71st) PSOC meeting:

The 71st PSOC meeting is proposed to be held at the same venue in the 3rd week of September'13. The details shall be intimated to all the members.

Item No: E3. Members expressed their gratitude to Er P.K.Dash, Sr. G.M (Power System) who is going to retire from service in the current month on superannuation and Er S.K.Das, Director (Engg) who is leaving the organization to join his new assignment for their advice and guidance during their tenure of their service. It will take a long time for filling up the void created due to their absence.

Meeting ended with Vote of thanks by AGM, SLDC.



STATE LOAD DESPATCH CENTER OFFICE OF THE Sr. GENERAL MANAGER (POWER SYSTEM) ORISSA POWER TRANSMISSION CORPORATION LTD.

GRIDCO Colony, P.O.- Mancheswar Rly. Colony, Bhubaneswar-17, FAX-0674-2748509

No. $SGM(PS)-PL-15/2007(VOL.-V) / 2374^{(27)}$

From:

Sr. G.M (Power System) OPTCL, Bhubaneswar.

To:

As per distribution list

Sub: Minutes of 70th Power System Operational Co-ordination meeting held on 30.08.13 at PTC, Chandaka.

Sir,

Please find enclosed herewith the minutes of 70th Power System Operational Co-ordination meeting held on 30.08.13 at Power Training Center, Chandaka.

This is for your information and necessary action.

Yours faithfully;

Dated: 21.09.2013

Encl.: As above

Sr. General Manager (PS)

<u>CC</u>: The Executive Asst. to C.M.D., OPTCL along with a copy of enclosure for kind information of C.M.D.

Distribution list

- 1. The Director (Commercial), Gridco, Bhubaneswar
- 2. The Director (Operation), OHPC, Bhubaneswar
- 3. The CGM (O & M), OPTCL, Bhubaneswar
- 4. The CGM (Const.), OPTCL, Bhubaneswar
- 5. The CGM (IT), OPTCL, Bhubaneswar
- 6. The Sr. G.M (C.P), OPTCL, Bhubaneswar
- 7. The Sr. G.M (TP&C), OPTCL, Bhubaneswar
- 8. The Sr. G.M., (RT&C), OPTCL, Bhubaneswar
- 9. The Sr. G.M. (CPC), OPTCL, Bhubaneswar
- 10. The Sr. G.M (PP), GRIDCO, Bhubaneswar
- 11. The Member Secy., (GCC), OPTCL, Bhubaneswar
- 12. The C.O.O., CESU, Bhubaneswar
- 13. The M.D., WESCO, Burla
- 14. The M.D., NESCO, Balasore
- 15. The MD., SOUTHCO, Berhampur
- 16. The G.M. (Telecom), OPTCL, Bhubaneswar
- 17. The Vice President (O), IMFA, Choudwar
- 18. The D.G.M (Electrical), IbTPS, OPGC, Banharpali
- 19. The G.M. (O &M), CPP, NALCO, Angul
- 20. The DGM (O & M), NTPC (TTPS), Talcher
- 21. The D.G.M, HINDALCO, Hirakud
- 22. The D.G.M (Power Distribution), RSP, Rourkela
- 23. The Manager (Elect.), JINDAL Stainless Ltd, Duburi
- 24. The G.M, Vedanta Aluminium Ltd., Jharsuguda
- 25. The G.M.(Elect.), Bhushan Steel & Power Ltd, Budhipadar
- 26. The S.E, Machhakund

70th Power System Operational Co-ordination Review Meeting [At 11:30 A.M. on 30.08.2013] [At Power Training Center, OPTCL, Chandaka, Bhubaneswar]

SI.	Name	Designation	Organisation	Telephone No.	Mobile No.	E-mail Address	Signature
1	Sh. D. Sothi	So. 4M(SI)	Office LR	2882477	94371118/8	distansoth a yutor.	EAN)
2	S. K. Itale	(h m /cmi)	arich		9438907401	(gm. Com G or Wel. Le in	(h.2)
3	1 c. Tripally .	CEMILIEN	ofice		9438867114	egm onm copied co w	Paper
4	P.L. Proother.	Dog (les)	GNING		94371551194	dirennescial e metal, con	PD
5	K.C. Milhr.	S.GM(JRD) 2GM/SLD	OPTCL		9438907644	Kishael564@gneil.com	Joseph
6	Terrax ala lala	AGM SUC		6 74 78961	9438907403	unether your com	2.6
7	M. P. Gastayet	DY Myr	Oble Ling	0674-254298	}		13
8	Swanta Kumar Pands	Ex. Enginer	South to	9437570260	9437570260	Swatin Parts 52 Q by mach com	MAZANIS
9	Apaiena Ruiet	AEE	Societico	81	9434484868	apanna rand stagmait com.	Wast Dock 13
10	11K Samal	DAMEN	CP716	9438507930	9438507736	French litte in the unaster grown to love	(4.25/8/13
11	s aik	GM (OS-M)	Wisco	44-57-1		& Subatse nach & yatroo.	17 Jan 13
12	U.c. Mcharley.	AUN (telm)	CPTCL	9438967456	94389 6745° .	honory . U men (a yano cang	0_39(1)
13	Hychox A. E.	~ -69 - tile:	, C9795	(44 +5840 FX)	Chamical Cold	Tope de Good Extelio	122-6-11
14	S.K. MICHERA	DGM (OS)	NIPC	9438233217		okinishakos (intpo-le-in	Salve
15	Showat charles			49937571431	>	Shavat mahalik@gmai	· Com Seny 30/8/13
16	Marones Rumar Day	GM (M)	NECEC, WER	9338707466	-	manae.das 6 optisadiseons	MINDAY
17	Santony ku. Den	D.A. web	OFTCL	9434907316	-	Has sintooly 66 to gracet com	20 FI
18	-1 K. Scnapal (Kun)	ACIPA.	CPTCL	9438907242		ele gescingente opdel de in	L
19	Ashich Kuno Park	EE CART)	LUE SCO	943715449		saiatlando Eignal con	Addition
20	Rameth Ku Sharm	AGM	JSL	9938250074	-	rksharmae jrd. jindaleteci	· · · · · · · · · · · · · · · · · · ·
21	Stantone Krenes Stray	94/56-2, BBSR	⊂€\$O	7437011279		schis 29 cosconisia com	(1.
22	Aslish kumaib yally	TH 10 SE -2, 13:18SR	<€.so	4454666558		seldser 2 Beese parising. Com	· 72(
23	Chinney Ratht	Sa-GM OPTCL	optc4	9861057115			É.
24	mante Rao. M.	cangir	OPTCL	9483907008	2545476	cgm it @ optcl com	M
25	S.K. DAS	Consultar	SLDC	9437000261		1	
26	P.K. DAS	AGM	<i>ک</i> د» ر	a438907408	000	Praymental @ gano a	On the second
27	Usharan Sshoo	DMas	SLAC			elo istanenscher @ slokoniera.	(lelse-
	1			10			