

DELHI TRANSCO LIMITED  
STATE LOAD DESPATCH CENTRE

Regd. Office : Delhi Transco Ltd., Shakti Sadan, Kotla Marg, New Delhi - 110002

Office of Dy. G. M. (SO)  
33kV Sub-Station Building,  
Minto Raod, New Delhi -02  
Phone No:23221175

Fax No.23221012, 23221059

Dated 07.05.2014

No. F.DTL/207/20014-15/DGM(SO)/EAC/01

TO,

- 1 G. Manager (Commercial)NTPC, Noida (Fax No. : 95120-2410056)
- 2 G. Manager (BTPS), (Fax No. : 95120-2410056)
- 3 Managing Director (IPGCL)
- 4 Managing Director (PPCL)
- 5 CEO, BSES Rajdhani Power Ltd,BSEB Bhavan, N Delhi-19
- 6 CEO, BSES Yamuna Power Ltd, Shakti Kiran Bldg, N. Delhi-92
- 7 MD, TPDDL, Kingsway Camp, N Delhi-09
- 8 Sh. Sunil Kakkar, AVP(PMG), BSES Yamuna Power Ltd, 2nd Floor,Shakti sadan Bldg.  
Karkarduma, Delhi-110092
- 9 Sh. Sanjay Srivastav, AVP(PMG), BSES Rajdhani Power Ltd, 2nd Floor B-Block  
BSES Bhawan, Nehru Place, New Delhi-110019
- 10 Director (Commercial), NDMC, Palika Kendra, N Delhi-01
- 11 G.E.(U),Electric Supply,Kotwali Road,Near Gopinath Bazar,Delhi Cantt., N.Delhi
- 12 SE (Commercial), NRPC
- 13 The Secretary, DERC

**Sub.: Provisional Intra-State ABT based Energy Account for the month of Apr-14(Ammended)**

Sir,

Please find herewith the Provisional Intra-State ABT based Energy Accounts for the month of Apr, 2014  
The energy accounts contain the following

- |            |   |
|------------|---|
| Annexure-1 | Plant availability factor monthly of Generating stations(PAFM).                         |
| Annexure-2 | Monthly weighted average entitlement of Distribution licensees                          |
| Annexure-3 | Energy scheduled & Incentive Energy to beneficiaries from generating stations           |
| Annexure-4 | Details of Open Cycle operation of G.T.Stations in Delhi (PPCL ,Bawana,Rithala & IPGCL) |
| Annexure-5 | Details of PLF & Incentive Energy of Rithala Generating Station.                        |
| Annexure-6 | Details of Energy booked to BRPL from TOWMCL plant                                      |
| Annexure-7 | Details of Energy Transaction from Energy Exchanges.                                    |

As per CERC Regulation for the period 01.04.2014 to 31.03.2019 & DERC vide order dated 13.07.12 issued for IPGCL & PPCL for MYT Control period FY 12-13 to 14-15.

Accordingly, the required parameters to drive out the different charges of generating Stations as per Tariff Regulation dated 21.02.14 & Tariff orders of CERC & DERC is enclosed as Annexure-01 to 04

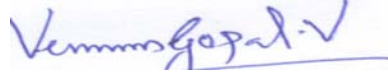
DERC vide letter dated 04.09.12 & MoM held on 19.09.2012 in the chamber of GM(SLDC), SLDC started the scheduling of power from Rithala Generating Plant of TDDPL-G w.e.f 01.10.2012.

The Accounts are posted in SLDC website also.

This is for your information and further necessary action please.

Encl: As above

Yours faithfully,

A handwritten signature in blue ink, reading "Venkatesh Gopal V", with a horizontal line underneath.

Dy. General Manager(System Operation)

**Copy for kind information:**

DGM(T) TO DIR (OPERATION)  
G.M.(O&M),DTL  
G.M.(SLDC)  
G.M.(Comml.),DTL  
D.G.M.(SCADA)

**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
**Provisional Energy Accounts for the month of Apr'14**

**A Details of Plant Availability factor for the month of Generating Station with in Delhi**

Stations	Period	PAFM in %	PAFN in %
RPH	Apr'14	82.09	82.09
GT*	Apr'14	60.40	60.40
PPCL	Apr'14	50.64	50.64
Bawana	Apr'14	99.38	99.38
BTPS	Apr'14	78.72	78.72
Rithala**	Apr'14	89.17	89.17

The PAFM & PAFN shall be calculated with the following formula as per CERC Regulation 2014-19 dated 21.02.2014

$$\text{PAFM or PAFN} = \frac{10000 \times \sum_{i=1}^N \text{Dci} / \{N \times \text{IC} \times (100 - \text{Aux})\}}{\%}$$

AUX = Normative Auxiliary Energy Consumption in %  
 Dci = Average Declared Capacity (in Ex-bus MW),  
 IC = Installed Capacity (in MW) of the Generating station  
 N = Number of days during the period i.e. month or the year as the case may be.  
 PAFM = Plant Availability factor Achieved during the month in %  
 PAFN = Plant Availability factor Achieved during upto the end of month in %

The capacity charge payable to a thermal generating station for a calendar month for Generating Stn covered under CERC Regulation month shall be calculated in accordance with the following formulae:

CC1= (AFC/12)( PAF1 / NAPAF ) subject to ceiling of (AFC/12)

CC2=-----

CC3=-----

CC12 = ((AFC) ( PAFY / NAPAF ) subject to ceiling of (AFC)) – (CC1+CC2 +CC3 +CC4 + CC5 + CC6 + CC7 + CC8 + CC9 + CC10 + CC11)

\* COD of GT#1 & GT #2 with associated WHR unit#1 of BAWANA are on 27.12.2011, 00:00 hrs, 16.07.2012 at 00:00 hrs & 01.04.2012,00:00 hrs respectively

IC of BAWANA GTUnit #1&#2 216 MW (as decided in the meeting held on 03.02.12 at Bawana CCGT)

Associated WHRUnit#1 126.8MW

Associated WHRUnit#2 126.8MW (CoD on 14.02.2012 at 0.00 Hrs)

COD on Open Cycle of GT#3 of Module-2 of BAWANA on 28/10/13 at 0.00 Hrs

COD on Open Cycle of GT#4 of Module-2 of BAWANA on 27/02/14 at 0.00 Hrs

COD on combined Cycle of complete Module-2 of Bawana on 27.03.2014 at 00.00 Hrs(WHR unit of 253.06 MW declared in Commercial Operation w.e.f 27.03.2014).

\*\* COD of GT#1 & GT #2 with associated WHR unit comprising of total capacity 94.8 MW(31.6\*3) of Rithal on combined cycle mode on 04.09.11

*Sumedh*

**MANAGER(SO/EA)**

**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
**Provisional Energy Accounts for the month of Apr'14**

**B) Weighted Avg. Entitlement of Distribution Licensees based on DERC order on re-assignment of PPAs**

Stations	Period	BRPL	BYPL	NDPL	NDMC	MES	IP
BTPS	Apr'14	33.420	18.990	22.770	17.730	7.090	
RPH	Apr'14	<b>44.050</b>	<b>25.050</b>	<b>30.060</b>	<b>0.000</b>	<b>0.000</b>	<b>0.84</b>
GT	Apr'14	44.450	25.260	30.290			
PPCL	Apr'14	30.980	17.610	21.110	30.300		
Rithala	Apr'14	0.000	0.000	100.000	0.000		

**Weighted Avg. Entitlement of beneficiaries from Bawana CCGT based on DERC order dated 27.02.2014**

Stations	Period	BRPL	BYPL	NDPL	NDMC	MES	HYN	PUNJAB
Bawana	Apr'14	31.130	18.000	21.750	7.300	1.820	10	10

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**MANAGER(SO/EA)**

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**D) Weighted Avg. Entitlement of Distribution Licensees from ISGS**

Stations	Total share in %	BRPL	BYPL	NDPL	NDMC
ANTA GPP	10.500	4.612	2.667	3.221	
AURIYAGPP	10.860	4.770	2.758	3.332	
BAIRASIUL	11.000	4.831	2.794	3.375	
CHAMERAHEP	7.900	3.470	2.007	2.423	
CHAMERA-II HEP	13.330	5.854	3.386	4.090	
CHAMERA-III HEP	12.734	5.593	3.234	3.907	
DADRI GPP	10.960	4.814	2.783	3.363	
<b>DADRI TPS</b>	<b>90.000</b>	<b>33.390</b>	<b>18.981</b>	<b>22.752</b>	<b>14.877</b>
DADRI-II TPS	75.000	32.940	19.050	23.010	
DHAULIGANGA	13.210	5.802	3.355	4.053	
DULAHSTI HEP	12.830	5.635	3.259	3.936	
<b>JHAJJAR</b>	<b>25.130</b>	<b>11.037</b>	<b>6.383</b>	<b>7.710</b>	
KOTESHWAR	9.860	4.331	2.504	3.025	
NAPP	10.680	4.690	<b>2.713</b>	3.277	
NAPTHA JHAKRI	9.470	4.159	2.405	2.905	
RAPP C	12.690	5.574	3.223	3.893	
RIHAND STPS	10.000	4.392	2.540	3.068	
RIHAND-II STPS	12.600	5.534	3.200	3.866	
RIHAND-III STPS	13.191	5.793	3.351	4.047	
SEWA-II HEP	13.330	5.855	3.385	4.090	
SINGRAULI	7.500	<b>3.294</b>	<b>1.905</b>	<b>2.301</b>	
SALAL HEP	11.620	5.104	2.951	3.565	
TEHRI HEP	10.300	4.524	<b>2.616</b>	3.160	
TANAKPUR	12.810	5.626	3.254	3.930	
UNCHAHAAR-I	5.710	<b>2.508</b>	<b>1.450</b>	1.752	
UNCHAHAAR-II	11.190	4.915	2.842	3.433	
UNCHAHAAR-III	13.810	6.065	3.508	4.237	
URI HEP-I	11.040	4.849	2.804	3.387	
PARBATI-III	12.730	5.591	3.233	3.906	
URI HEP-II	13.452	5.908	3.417	4.127	

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**MANAGER(SO/EA)**

**DELHI TRANSCO LIMITED**  
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**Provisional Energy Accounts for the month of Apr'14**

**E) Details of Energy Scheduled to the Licensees ( in Mus ) from Generating Stations with in Delhi**

Stations	Licensees	Scheduled Energy
BTPS	BRPL	87.676290
	BYPL	54.340888
	NDPL	37.760101
	NDMC	42.230946
	MES	18.128524
	Total	240.136749
RPH*	BRPL	13.930507
	BYPL	7.997351
	NDPL	9.296892
	NDMC	0.000000
	MES	0.000000
	IP	0.720000
Total	31.944750	
GT(APM, PMT, RLNG)	BRPL	32.502522
	BYPL	20.501992
	NDPL	21.046069
	NDMC	0.000000
	MES	0.000000
Total	74.050583	
GT(S-RLNG)	BRPL	0.000000
	BYPL	0.000000
	NDPL	0.000000
	NDMC	0.000000
	MES	0.000000
Total	0.000000	
GT(LQ)	BRPL	0.000000
	BYPL	0.000000
	NDPL	0.000000
	NDMC	0.000000
	MES	0.000000
Total	0.000000	

\*As per the Govt. of NCT of Delhi Order dated 20.05.11 w.e.f 01.04.11 onwards, the Auxiliary Power to the tune of 1 MW to IP is allocated from RPH at Ex-Bus.

As per DERC Tariff order dated 13.07.12 regarding IPGCL & PPCL Generating Stations for MYT control Period FY 2012-13 to 2014-15 , & CERC Tariff Regulation for 2014-19 for BTPS & Bawana, the salient features are as under.

Details of Tariff component		PPCL	GT	RPH	Bawana	BTPS
Normative Annual Plant Availability Factor in %		85	80	75	85	85
SHR in Kcal/Kwh	Closed Cycle	2000	2450	3200	1845*	2750
	Open Cycle	2900	3125		2756*	
Aux. Cons in %	Closed Cycle	3	3	11.28	2.5	8.5
	Open Cycle	1	1		1	

*Subodh*

**MANAGER(SO/EA)**

**DELHI TRANSCO LIMITED**  
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**F) Details of Energy Scheduled to the Licensees ( in Mus ) from Generating Stations with in Delhi**

Stations	Licensees	Scheduled Energy
<b>PPCL(APM, PMT,RLNG)</b>	BRPL	34.075674
	BYPL	20.131161
	NDPL	23.383676
	NDMC	31.350989
	MES	0.000000
	Total	108.941500
<b>PPCL (S-RLNG)</b>	BRPL	0.000000
	BYPL	0.000000
	NDPL	0.000000
	NDMC	0.000000
	MES	0.000000
	Total	0.000000
<b>Bawana(APM, PMT,RLNG)</b>	BRPL	1.079088
	BYPL	0.624151
	NDPL	0.278487
	NDMC	0.041312
	MES	0.016961
	PUNJAB	0.355375
	HARYANA	0.355375
	Total	2.750750
<b>Bawana (S-RLNG)</b>	BRPL	0.000000
	BYPL	0.000000
	NDPL	0.000000
	NDMC	0.000000
	MES	0.000000
	PUNJAB	0.000000
	HARYANA	0.000000
	Total	0.000000
<b>Rithala(N- Gas)</b>	NDPL	<b>0.000000</b>
<b>Rithala(Spot)</b>	NDPL	0.000000

*Signed*

**MANAGER(SO/EA)**

**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
**Provisional Energy Accounts for the month of Apr'14**

**G) Details of Energy Scheduled to the Licensees ( in Mus ) from ISGS**

Stations	Total for State in Mus	BRPL	BYPL	NDPL	NDMC
ANTA GF	14.653230	4.8376904	4.7313718	5.0841679	0.0000000
AURIYA GF	5.770895	0.7939086	3.7792021	1.1977843	0.0000000
BAIRASIUL	9.865673	4.3330034	2.5058808	3.0267883	
CHAMERAHEP	18.2130975	7.9991924	4.6261268	5.5877783	
CHAMERA-II HEP	14.9312125	6.5577885	3.7925280	4.5808960	
CHAMERA-III HEP	8.3065925	3.6482554	2.1098745	2.5484626	
DADRI GF	10.7197877	4.6617073	2.6959783	3.3621021	
DADRI LF	0.0000000	0.0000000	0.0000000	0.0000000	
DADRI RF	0.1196737	0.0525607	0.0303971	0.0367159	
DADRI TPS	416.1172850	144.7176944	97.9627881	105.6102635	67.8265390
DADRI-II TPS	241.9604125	103.9472692	69.0548148	68.9583284	0.0000000
DHAULIGANGA	0.0000000	0.0000000	0.0000000	0.0000000	
DULAHSTI HEP	17.1608350	7.5370387	4.3588521	5.2649442	
JHAJJAR	24.1340300	9.2746112	2.5075690	12.3518498	0.0000000
KOTESHWAR	10.3179225	4.5316316	2.6207523	3.1655386	
NAPP	20.1645305	8.8562618	5.1217907	6.1864780	
NAPTHA JHAKRI*	21.2544450	12.5124918	0.0000000	8.7419532	
RAPP C	37.7386438	16.5748124	9.5856155	11.5782159	
RIHAND STPS	60.5625676	25.4217604	15.9285372	19.2122700	0.0000000
RIHAND-II STPS	81.2125925	34.4308114	21.1925827	25.5891985	0.0000000
RIHAND-III STPS	72.3328425	31.2318605	18.7469199	22.3540621	0.0000000
SEWA-II HEP	11.6300075	5.1078993	2.9540219	3.5680863	
SINGRAULI	93.2789225	40.8252782	23.7399707	28.7136736	0.0000000
SALAL HEP	36.2215725	15.9085146	9.2002794	11.1127784	
TEHRI HEP	24.0043150	10.5426951	6.0970960	7.3645239	
TANAKPUR	0.7448175	0.3271238	0.1891836	0.2285100	
UNCHAHAAR-I	12.2782550	3.2212510	4.1226404	4.9343635	0.0000000
UNCHAHAAR-II	19.8365225	5.0006877	6.8695129	7.9663219	0.0000000
UNCHAHAAR-III	14.2182425	6.1253321	3.5979216	4.4949887	0.0000000
URI HEP	37.5691175	16.5003564	9.5425558	11.5262052	
URI -II HEP	18.1767775	7.9832407	4.6169015	5.5766353	
TALA	0.0000000	0.0000000	0.0000000	0.0000000	
PARBATI-III	3.8083325	1.6726196	0.9673165	1.1683964	
FARAKA	12.3483820	4.9067456	3.3485241	4.0931123	0.0000000
KAHALGAON-I	27.3500180	10.0948047	7.8808882	9.3743251	0.0000000
KAHALGAON-II	91.0379120	34.5882897	25.6084475	30.8411747	0.0000000
SASAN	103.9111650	45.4177262	26.4972454	31.9961934	0.0000000
DVC(LT-3)*	103.2619320	60.7902994	0.0000000	42.4716326	
DVC(MEJIA)(LT-4)*	48.9165600	28.7971789	0.0000000	20.1193811	
DVC(MEJIA7)(LT-8)	0.0000000		0.0000000		
Haryana CLP Jhajjar(LT-5)	21.3316120			21.3316120	
DVC(LT-9)	5.2792700			5.2792700	
DVC(MPL-DVC)(LT-6)	190.2693780			190.2693780	

\* Regulated Power

Note: The above Scheduled energy include the URS energy booked to Delhi Discoms.

  
MANAGER(SO/EA)



**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
**DELHI TRANSCO LIMITED**

## H) Details of URS Energy Scheduled to the Licensees ( in Mus ) from ISGS

Stations	Total for State in Mus	BRPL	BYPL	NDPL	NDMC
ANTA GF	0.090975	<b>0.0062882</b>	<b>0.0036366</b>	<b>0.0810501</b>	
AURIYA GF	0.0575650	0.0001537	0.0000889	0.0573224	
KAHALGAON-I	0.181893	0.0798872	0.0462007	0.0558046	
KAHALGAON-II	<b>0.0672250</b>	0.0295252	0.0170752	0.0206246	
FARAKA	<b>0.0259050</b>	0.0113775	0.0065799	0.0079477	
UNCHAHAAR-I	<b>0.0956700</b>			0.0956700	
UNCHAHAAR-II	<b>0.0824350</b>	0.0239737	0.0138646	0.0445967	
UNCHAHAAR-III	<b>0.1493850</b>			0.1493850	
SASAN	2.8231200	1.2399143	0.7170725	0.8661332	
DADRI GF	0.1075125	0.0007961	0.0004604	0.1062561	
SINGRAULI	0.0528775			<b>0.0528775</b>	



MANAGER(SO/EA)

**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
**Provisional Energy Accounts for the month of Apr'14**

## I) Details of Incentive Energy Scheduled to the Licensees ( in Mus ) from ISGS

Stations	Total for State in Mus	BRPL	BYPL	NDPL	NDMC
DADRI TPS	12.1001089	4.4891404	2.5519130	3.0589075	2.0001480
DADRI-II TPS	0.0000000	0.0000000	0.0000000	0.0000000	
JHAJJAR	<b>0.0000000</b>	0.0000000	0.0000000	0.0000000	
RIHAND STPS	3.6229673	1.5912072	0.9202337	1.1115264	
RIHAND-II STPS	7.9448814	3.4893919	2.0179999	2.4374896	
RIHAND-III STPS	0.0000000	0.0000000	0.0000000	0.0000000	
SINGRAULI	6.4619174	2.8380741	1.6413270	1.9825163	
UNCHAHAAR-I	1.4039466	0.6166133	0.3566024	0.4307308	
UNCHAHAAR-II	0.0000000	0.0000000	0.0000000	0.0000000	
UNCHAHAAR-III	0.1752199	0.0769566	0.0445059	0.0537575	

As per CERC Regulation PLF for Incentive energy is calculated as under

$$PLF = 10000 \times \sum_{i=1}^{N} SGi / \{N \times IC \times (100 - AUX_n)\} \%$$

Where,

IC = Installed Capacity of the generating station or unit in MW,

SGi = Scheduled Generation in MW for the ith time block of the period,

N = Number of time blocks during the period, and

AUXn = Normative Auxiliary Energy Consumption as a percentage of gross energy generation

Incentive to a generating station or unit thereof shall be payable at a flat rate of 50 paise/kWh for ex-bus scheduled energy corresponding to scheduled generation in excess of ex-bus energy corresponding to Normative Annual Plant Load Factor(NAPLF)



**MANAGER(SO/EA)**

**DELHI TRANSCO LIMITED**  
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**J) Details of Open Cycle operation of G.T.Stations in Delhi**

Stations	Unit No.	Date	From(Hrs)	Date	Upto(Hrs)
GTPS	1	15.04.2014	18.28	15.04.2014	18.38
		15.04.2014	19.45	15.04.2014	23.36
		16.04.2014	8.01	16.04.2014	12.20
		23.04.2014	19.45	23.04.2014	22.54
		24.04.2014	6.30	24.04.2014	11.35
		15.04.2014	17.50	15.04.2014	18.38
PPCL	1	15.04.2014	19.05	16.04.2014	1.50
		11.04.2014	11.04	11.04.2014	11.57
		16.04.2014	0.00	16.04.2014	24.00
Bawana	2	26.04.2014	18.17	26.04.2014	21.22
		27.04.2014	22.31	30.04.2014	24.00
		29.04.2014	16.10	29.04.2014	16.37
Rithala			-Nil-		

*S. S. S.*

**MANAGER(SO/EA)**

## Annexure-5

**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
**Provisional Energy Accounts for the month of Apr'14**

**K) Details of PLF & Incentive Energy on the basis of Scheduled generation for Rithala Genrating Stations**

Stations	Licensees	Upto the month		upto this month		for the month	
		PLF in %	Incentive Energy in Mus	PLF in %	Incentive Energy in Mus	PLF in %	Incentive Energy in Mus
Rithala	NDPL	0	0.000000			0.000000	-52.966656

As far as Rithala is concerned, the tariff patition filed by TPDDL-G for determination of final Tariff ordre before the commission  
The salient features are:

- |    |  |   |   |
|----|--|---|---|
| 1) | Normative Annual Plant Availability Factor | = | 80%   |
| 2) | Auxilliary consumption                     | = | 3% on CC & 1% on OC                         |
| 3) | Station Heat rate                          | = | 3225 Kcal/Kwh on OC<br>22250 Kcal/Kwh on CC |

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**MANAGER(SO/EA)**

Annexure-6

**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
**Provisional Energy Accounts for the month of Apr'14**

**L) Details of Energy booked from TOWMCL to BRPL as per SEM**

Month	Total Injection From TOWMCL to BRPL* in Mus(as per SEM)
Apr'14	11.336600

\*TOWMCL declared Commercial Operation of the plant w.e.f 01.09.2012

\*\* TOWMCL under ISOA sale 6.2 MW( 6.469875 MW at Ex bus) to Noida for the period 01.04.2014 to 30.04.2014 on RTC basis.



**MANAGER(SO/EA)**

**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
**Provisional Energy Accounts for the month of Apr'14**

**M) Details of Collective Transactions ( in Mus ) from Energy Exchange**

Energy Exchange	Licensees	Purchase	Sale
IEX	BRPL	0.073813	-38.628918
	BYPL	17.054535	-18.331515
	NDPL	0.458905	-52.682823
	NDMC	0.216410	-9.345590
	MES	0.000000	0.000000
	Total	17.803663	-118.988845
PXI	BRPL	0.000000	-0.733940
	BYPL	0.000000	0.000000
	NDPL	0.000000	0.000000
	NDMC	0.000000	-11.649343
	MES	0.000000	0.000000
	Total	0.000000	-12.3832825

All figures are at Delhi Periphery



**MANAGER(SO/EA)**