R020-2573-1P.P2.2011

**Contract de vânzare -cumpărare a energiei electrice**

**Nr. 15 din data 03.01.2011**

**Părţile contractante**

SC Hidroelectrica SA, ***producător*** de energie electrică, cu sediul în Bucureşti, Constantin Nacu nr. 3, sector 2, telefon 303.25.29, fax 303.25.64, înscris în registrul comerţului la nr. J40/7426/2000, CUI RO13267213, cont de virament nr. RO69BRDE410SV41782154100, deschis la BRD, reprezentat legal prin Constantin Trihenea, Director General şi Eugeniu Tănase, Director Divizia Economică şi Comercială , având calitatea de **vânzător**, pe de o parte,

şi

SC CEZ VANZARE SA, ***furnizor***, cu sediul în Craiova str. Brestei, nr. 2, Craiova, telefon 0251/405999, fax 0251/405004, înmatriculat în registrul comerţului Craiova, la nr.J16/517/14.03.2007, CUI 21349608, cont de virament nr. RO23BRDE170SV28511971700 deschis la BRD – sucursala Craiova, reprezentata legal Mirela Anca Visoica Dima, Director General si Madalina Mihaila, Director Directia Financiara Administrativa, având calitatea de **cumpărător**, pe de altă parte,

s-a încheiat prezentul contract.

**Terminologie**

Art.1. - Termenii utilizaţi în prezentul contract sunt definiţi în anexa 1.

**Obiectul contractului**

Art.2. – (1) Vânzarea de către vânzător şi cumpărarea de către cumpărător, în vederea furnizării in regim reglementat către consumatorii săi alimentaţi la tarife reglementate, a cantităţilor de energie electrică orare, prevăzute în anexa 2, la preţul de contract prevăzut în anexa 3. Cantităţile de energie electrică şi preţul sunt stabilite în conformitate cu reglementările emise de către ANRE.

(2) Prin prezentul contract se asigură distinct şi veniturile necesare vânzătorului pentru plata serviciilor conexe (transport – componenta de introducere în reţea, decontare, după caz), determinate conform reglementărilor specifice emise de către ANRE.

*(3) Veniturile necesare vânzătorului pentru plata serviciului de transport, asigurate prin acest contract, reprezintă cota parte din obligaţiile de plată ale vânzătorului către C.N. Transelectrica S.A. pentru serviciul de transport, corespunzătoare cantităţilor de energie electrică tranzacţionate prin acest contract.*

Art.3 – (1) Cantităţile de energie electrică contractate şi preţul de contract vor fi revizuite conform Metodologiei de stabilire a preţurilor şi a cantităţilor de energie electrică vândute de producatori prin

contracte reglementate şi a preţurilor pentru energie termică livrată din centrale cu grupuri de cogenerare, în vigoare, sau conform ordinelor/deciziilor de stabilire a tarifelor reglementate de vânzare a energiei electrice, emise de *ANRE*, atunci când sunt îndeplinite prevederile menţionate în art 19. Cantităţile de energie electrică şi preţul din contract revizuite vor face obiectul unor acte adiţionale la prezentul contract.

(2) Cantităţile de energie electrică din contract se pot modifica conform prevederilor din "Procedura de modificare a cantităţilor din contractele reglementate de vânzare-cumpărare încheiate între producători şi furnizorii consumatorilor captivi", în vigoare.

(3) Persoana/persoanele de contact, calea de comunicare stabilite conform prevederilor "Procedurii de modificare a cantităţilor din contractele reglementate de vânzare-cumpărare încheiate între producători şi furnizorii consumatorilor captivi" precum şi modalitatea de convenire a noilor valori sunt prevăzute în anexa 4.

**Condiţiile de desfăşurare a vânzării/cumpărării**

Art. 4. – (1) Cumpărătorul achiziţionează de la vânzător, la preţul de contract , pe fiecare interval orar, cantitatea de energie electrică specificată în tabelele 2.1-2.12 din anexa 2 la prezentul contract.

(2) Părţile pot conveni de comun acord asupra modificării cantităţilor de energie electrică contractate în limita a ±2,5% din cantităţile de energie electrică contractate lunar conform prevederilor din tabelul 2.0 din anexa 2, parcurgând etapele prevăzute în „Procedura de modificare a cantităţilor din contractele încheiate între producători şi furnizorii consumatorilor captivi ", cu specificaţiile din anexa 4 la prezentul contract. Limitarea nu include cazul modificării cantităţilor de energie electrică contractate în situaţia migrării consumatorilor eligibili.

Art.5 Vânzătorul poate să-şi îndeplinească obligaţia de a vinde energia contractată prin:

a) producerea de către oricare dintre unităţile de producţie operate de acesta;

b) cumpărarea de energie conform prevederilor Codului comercial al pieţei angro de energie electrică, în vigoare la data încheierii prezentului contract şi ale Metodologiei de stabilire a preţurilor şi a cantităţilor de energie electrică vândute de producatori pe baza de contracte reglementate şi a preţurilor pentru energie termică livrată din centrale cu grupuri de cogenerare.

Art. 6 Nici una din prevederile acestui contract referitoare la obligaţiile vânzătorului de a vinde la preţul de contract cantităţile de energie electrică prevăzute în contract, nu exonerează vânzătorul de obligaţia de a respecta strict dispoziţiile operatorului de transport şi de sistem date în conformitate cu prevederile Codului tehnic al reţelei electrice de transport, aprobat prin Ordinul preşedintelui *ANRE* nr. 20/2004, cu modificările ulterioare, publicat în Monitorul Oficial al României, Partea I, nr. 828 din 8 septembrie 2004 şi ale Codului comercial al pieţei angro de energie electrică.

Art.7 Nici una din prevederile acestui contract referitoare la obligaţiile cumpărătorului de a cumpăra la preţul de contract cantităţile de energie electrică prevăzute în contract, nu exonerează cumpărătorul de obligaţia de a respecta strict dispoziţiile operatorului de transport şi de sistem date în conformitate cu prevederile Codului tehnic al reţelei electrice de transport şi ale Codului comercial al pieţei angro de energie electrică.

Art. 8 Cantitatea de energie electrică tranzacţionată de *Părţi* conform prezentului contract reprezintă *Schimbul bloc* sau face parte din *Schimbul bloc* notificat de fiecare din *Părţi*, conform prevederilor Codului comercial al pieţei angro de energie electrică.

Art. 9 –(1) În vederea producerii efectelor contractului fiecare *Parte* se înregistrează în prealabil la operatorul pieţei de echilibrare ca *Parte responsabilă cu echilibrarea* sau transferă responsabilitatea echilibrării unei alte *Părţi responsabile cu echilibrarea* şi trebuie să notifice, direct sau indirect, operatorului pieţei de echilibrare, schimbul bloc conform cantităţilor de energie electrică din prezentul contract.

(2) Penalizările financiare pe care o parte ar trebui să le plătească pentru dezechilibre conform prevederilor Codului comercial al pieţei angro de energie electrică, ca urmare a transmiterii de către cealaltă parte a notificării fizice incorecte, vor fi plătite de partea care a notificat incorect. Dacă ambele *Părţi* transmit notificări fizice incorecte, penalizările financiare aferente sunt suportate de ambele *Părţi* .

**Facturarea şi condiţiile de plată**

Art. 10 Contravaloarea energiei electrice ce urmează a fi primită de către vânzător de la cumpărător, conform acestui contract, în fiecare *Lună contractuală*, se calculează cu următoarea formulă:

$$V = \sum_{h=1}^{n} (Q_h \times p_h) + A \qquad \text{[lei]}$$

unde:

- $Q_h$ reprezintă cantitatea de energie electrică contractată în fiecare oră h, determinată conform anexei 2 şi anexei 4, în MWh;
- $p_h$ - preţul de contract, pentru fiecare oră h, determinat conform anexei 3, în lei/MWh;
- A-contravaloarea serviciilor conexe, definite conform prevederilor art.2 alin (2);
- n – numărul de ore dintr-o lună calendaristică.

Art. 11 (1) Pe întreaga durată a contractului, nu mai tîrziu de 5 Zile Financiare după terminarea fiecărei Luni de Contract, Vînzătorul va emite către Cumpărător o factură, cu suma care trebuie plătită de Cumpărător pentru respectiva Lună de Contract, calculată conform prevederilor art. 10.

(2) Pe întreaga durată a contractului, nu mai târziu de 3 zile financiare de la primirea de către vânzător a Adresei de confirmare a tarifului mediu pentru injecția energiei electrice în sistem, calculat conform reglementărilor ANRE în vigoare de către C.N. Transelectrica SA, vânzătorul va emite către cumpărător factura pentru serviciul de transport realizat în luna contractuală anterioară (componenta de injecție în rețea) a cărui valoare se calculează astfel:

Valoare = Q x T

Unde: Q – cantitatea de energie elctrică contractată pentru luna respectivă;

T – tariful mediu realizat

Cumpărătorul va plăti factura în termen de 7 zile financiare de la data primirii sale.

Art. 12 Cumpărătorul va plăti factura emisă conform prevederilor Art 11 alin (1) în termen de 10 zile financiare, de la data emiterii sale.

Art. 13 În cazul neîndeplinirii în termen de 15 zile de la data scadenței a obligațiilor prevăzute la art. 11 si 12, cumpărătorul va plăti, pentru fiecare zi de întârziere, o sumă egală cu nivelul dobânzii de întârziere percepută pentru neplata la termen a obligațiilor către bugetul de stat, începând cu prima zi după data scadenței până în ziua plății (exclusiv). Valoarea totală a dobânzilor nu poate depăși valoarea sumei datorate.

Art.14 În cazul în care o sumă facturată de către vânzător este contestată integral sau în parte de către cumpărător, acesta va înainta o notă explicativă vânzătorului, în termen de maxim 3 zile **financiare** de la primirea facturii, cuprinzând obiecțiile sale și va plăti suma rămasă necontestată până la data scadenței. Contestațiile ulterioare termenului menționat nu se vor lua în considerare. Vânzătorul se obligă să răspundă contestației în maxim 3 zile **financiare** de la primirea acesteia. Pentru sumele contestate, dar stabilite ulterior pe cale amiabilă sau hotărâre judecătorească a fi datorate de cumpărător, acesta va plăti pe lângă suma datorată, o sumă calculată conform prevederilor art. 13.

Art. 15 Plata facturii va fi efectuată în lei, conform legislației, în contul vânzătorului. Se consideră drept dată de efectuare a plății data la care suma plătită apare în extrasul de cont al cumpărătorului.

**Obligaţii şi garanţii**

Art. 16 - (1) *Părţile* se obligă una faţă de cealaltă să deţină, pe parcursul derulării contractului, toate aprobările necesare fiecăreia pentru exercitarea obligaţiilor cuprinse în prezentul contract, respectând în acelaşi timp toate prevederile legale.

(2) *Părţile* se obligă una faţă de cealaltă să asigure accesul, conform legii, cu restricţii de confidenţialitate conform prevederilor art. 23, la toate informaţiile, documentaţiile, datele sau cunoştinţele necesare pentru buna derulare a prezentului contract.

(3) Daunele dovedite a fi produse uneia dintre Părţi din vina celeilalte Părţi vor fi suportate de partea vinovată.

Art. 17 *Părţile* garantează una celeilalte că prezentul contract reprezintă o obligaţie validă, legală, opozabilă în justiţie în termenii acestui contract.

**Modificarea circumstanţelor**

Art. 18 În sensul prezentului contract, "modificare de circumstanţe" semnifică modificarea cadrului legislativ, existenţa unor hotărâri judecătoreşti definitive şi irevocabile, existenţa unor condiţii sau modificări ale statutului parţilor care împiedică îndeplinirea obligaţiilor contractuale, precum şi alte situaţii prevăzute în reglementările specifice emise de *ANRE*.

Art.19 Dacă apare o modificare de circumstante, *Părţile* pot solicita *ANRE*, împreună sau separat, **dar cu acordul celeilalte părţi** revizuirea preţului de contract şi/sau a cantităţilor de energie electrică din contract.

**Durata contractului şi condiţii de desfăşurare a acestuia**

Art.20 Prezentul contract este valabil până la data de [31.12.2013]

Art. 21 La data intrării în vigoare a oricărei Legi, Ordonanţe, Ordonanţe de Urgenţă sau Hotărâri de Guvern care prevede restructurarea vânzătorului prin divizarea acestuia în mai multe societăţi comerciale sau care transferă proprietatea unora din capacităţile din portofoliul de capacităţi a contractului către alte societăţi, preluarea drepturilor şi obligaţiilor din prezentul contract privind preţurile şi cantităţile de energie electrică de către fiecare parte rezultantă se vor stabili conform prevederilor art. 19.

Art.22 La data intrării în vigoare a oricărei Legi, Ordonanţe, Ordonanţe de Urgenţă sau Hotărâri de Guvern care prevede restructurarea cumpărătorului, sau prin care se cedează portofoliul de clienţi al cumpărătorului altor societăţi, preluarea drepturilor şi obligaţiilor din prezentul contract privind preţurile şi cantităţile de energie electrică de către fiecare parte rezultantă se vor stabili conform prevederilor art.19.

**Confidenţialitatea**

Art.23 - (1) Fiecare *Parte* se obligă să asigure confidenţialitatea tuturor informaţiilor, documentaţiilor, datelor sau cunoştinţelor furnizate de către cealaltă parte în baza prezentului contract şi să nu le dezvăluie unei terţe părţi, în totalitate sau parţial, fără consimţământul scris al celeilalte părţi contractante.

(2) Fac excepţie de la prevederile alin.(1):

a) informaţiile solicitate de autorităţile competente, în conformitate cu reglementările în vigoare;

b) informaţiile care au fost făcute publice până la încheierea contractului;

c) informaţiile solicitate de operatorul de transport şi de sistem, în conformitate cu prevederile Codului tehnic al reţelei electrice de transport şi ale Codului comercial al pieţei angro de energie electrică.

(3) Prevederile alin. (1) rămân valabile timp de 5 ani după încetarea valabilităţii prezentului contract.

**Forţa majoră**

Art.24 - (1) *Părţile* sunt exonerate de orice răspundere pentru neîndeplinirea parţială sau totală a obligaţiilor ce decurg din acest contract, dacă aceasta este rezultatul acţiunii forţei majore. Circumstanţele de forţă majoră sunt cele care pot apărea pe perioada derulării prezentului contract în urma producerii unor evenimente deosebite (calamităţi naturale, război, embargou şi altele) care nu au putut fi luate în considerare de părţi la încheierea contractului şi care sunt în mod rezonabil în afara voinţei şi controlului părţilor.

(2) *Partea* care invocă forţa majoră trebuie să notifice acest lucru în scris celeilalte *Părţi* în termen de 3 zile de la apariţia acesteia, cu confirmarea ulterioara a organelor competente de la locul producerii evenimentului ce constituie forţă majoră.

(3) Neîndeplinirea obligaţiei de comunicare a forţei majore nu înlătură efectul exonerant de răspundere al acesteia, dar antrenează obligaţia *Părţii* care o invocă de a repara pagubele cauzate celeilalte *Părţi*, prin faptul necomunicării.

**Răspunderea contractuală**

Art.25 - Pentru neexecutarea, în totalitate sau în parte, a obligaţiilor prevăzute în prezentul contract, *Părţile* răspund conform legii.

Art. 26 Părţile convin ca litigiile ce decurg din interpretarea şi/sau derularea prezentului contract care nu pot fi soluţionate pe cale amiabilă să fie supuse instanţelor judecătoreşti competente.

Art. 27 Nici una din părţi nu poate cesiona parţial sau total drepturile şi obligaţiile decurgând din acest contract fără obţinerea prealabilă a acordului scris al celeilalte părţi.

**Încetarea contractului**

Art. 28. Prezentul contract încetează să-şi producă efectele în următoarele cazuri:

a) terminarea perioadei de valabilitate stabiltă conform prevederilor art. 20;

b) în caz de dizolvare, lichidare, faliment, retragerea licenţei uneia dintre părţile contractante, părţile fiind însă ţinute să îşi îndeplinească obligaţiile contractuale rezultate până în momentul apariţiei cauzei; partea care se află în una din aceste situaţii are obligaţia să notifice celeilalte părţi data apariţiei situaţiei, care va fi considerată data de la care prezentul contract încetează să-şi producă efectele, în cel mult 3 zile de la apariţia situaţiei;

c) prin Ordin / Decizie ANRE de încetare a aplicării cadrului de reglementare prin care a fost stabilit prezentul contract.

**Dispoziţii finale**

Art.29 Acest contract şi toate obligaţiile *Părţilor* care rezultă din derularea acestuia, se supune în totalitate şi sub toate aspectele legislaţiei române în vigoare.

Art. 30 - (1) Anexele 1-4 fac parte integrantă din prezentul contract.

(2) Dacă printr-un act normativ (Lege, Ordonanţă a Guvernului, Ordonanţă de Urgenta a Guvernului, Hotărâre de Guvern, reglementare ANRE) sunt emise prevederi contrare clauzelor din prezentul contract, se aplică prevederile din actul normativ de la data intrării în vigoare a acestuia, iar părţile contractante au obligaţia preluării modificării/completării într-un act adiţional la contract.

Prezentul contract a fost încheiat în două exemplare, câte unul pentru fiecare *Parte* contractantă

**Vânzător**

**SC Hidroelectrica SA**
**Director General**
**Constantin Trihenea**

**Director Divizia Economică**
**Si Comerciala**
**Eugeniu Tănase**

**Director Directia Furnizare**
**George Asan**

**Şef Srviciu Furnizare**
**Cristina Mîndrican**

**Vizat:**
**Serviciul Juridic**
**Marcel Dinca Olteanu**

**Cumpărător**

**SC CEZ Vanzare SA**
**Director General**
**Mirela Anca Visoica Dima**

**Director Directia Financiara Administrativ**

**Madalina Mihaila**

**Director Directia Servicii Suport**
**Marius Campeanu**

**Vizat:**
**Oficiul Juridic**
**Emil Grauntanu**

**Anexa nr. 1**

**Terminologie**

| | |
|---|---|
| ***ANRE*** | Autoritatea Naţională de Reglementare în Domeniul Energiei |
| **Furnizorul implicit** | Persoană juridică, titular al unei licenţe de *furnizare*, care asigură alimentarea cu energie electrică a unuia sau mai multor consumatori la tarife reglementate pe baza unui contract de furnizare |
| ***Lună contractuală*** | O lună calendaristică din cadrul unui an calendaristic |
| ***Parte/Părţi*** | [PRODUCĂTOR DE ENRGIE ELECTRICĂ] sau [FURNIZOR IMPLICIT] / [PRODUCĂTOR DE ENRGIE ELECTRICĂ] şi [FURNIZOR IMPLICIT] |
| ***Parte responsabilă cu echilibrarea*** | Titular de licenţă care a fost înregistrat de operatorul de transport şi de sistem ca parte responsabilă cu echilibrarea, în conformitate cu prevederile Codului comercial al pieţei angro de energie electrică; o parte responsabilă cu echilibrarea îşi poate asuma, de asemenea, responsabilitatea echilibrării pentru alţi titulari de licenţă |
| ***Producător de energie electrică*** | Persoană fizică sau juridică, titulară de licenţă pentru producerea energiei electrice (în înţelesul prezentei definiţii sunt incluşi şi autoproducătorii de energie electrică, producătorii independenţi de energie electrică şi S.N. Nuclearelectrica S.A.); sunt exceptaţi producătorii de energie electrică calificaţi pentru producţie prioritară necontrolabilă |
| ***Schimb bloc*** | Schimb de energie electrică între două părţi responsabile cu echilibrarea |
| ***Zi financiară*** | Orice zi în care banca prin care operează părţile este deschisă pentru operaţiuni financiare |

**Vânzător**
**SC Hidroelectrica SA**

**Cumpărător**
**SC CEZ Vanzare SA**

**Anexa 2**

**CANTITATI DE ENERGIE ELECTRICA CONTRACTATE PE ANUL 2011**

**Tabel 2.0 - Cantitati de energie electrica contractate lunar**

| Nr.crt. | Anul 2011<br>Luna | MWh<br>Cantitate de energie electrica pentru CHE cu 10<Pi<100 MW | MWh<br>Cantitate de energie electrica pentru CHE cu Pi>100 MW |
|---|---|---|---|
| 1 | **Ianuarie** | 20,175.481 | 29,903.918 |
| 2 | **Februarie** | 16,915.023 | 24,840.639 |
| 3 | **Martie** | 14,890.119 | 22,688.023 |
| 4 | **Aprilie** | 0.000 | 0.000 |
| 5 | **Mai** | 0.000 | 0.000 |
| 6 | **Iunie** | 0.000 | 0.000 |
| 7 | **Iulie** | 0.000 | 0.000 |
| 8 | **August** | 0.000 | 0.000 |
| 9 | **Septembrie** | 0.000 | 0.000 |
| 10 | **Octombrie** | 0.000 | 0.000 |
| 11 | **Noiembrie** | 0.000 | 0.000 |
| 12 | **Decembrie** | 0.000 | 0.000 |
| | **Total perioada** | **51,980.623** | **77,432.580** |

Nota:
1.Tabelele 2.0-2.12 se completeaza conform datelor transmise de ANRE si pe perioada stabilita de aceasta.

1. Tabelul 2.0 se completeaza la semnarea contractului sau la modificarea cantitatilor de energie electrica reglementate de catre ANRE.

3. Tabelele 2.....2.12 se convin si se completeaza de Parti cu cel putin 5 zile inainte de inceputul fiecarei luni calendaristice, pornind de la referinta orara transmisa de ANRE. In absenta intelegerii partilor privind cantitatile orare, referinta orara transmisa de catre ANRE este obligatorie.

SC Hidroelectrica SA

SC CEZ VANZARE SA

**Anexa 2.1**

**CANTITATI DE ENERGIE ELECTRICA CONTRACTATE PE ANUL 2011**
**PENTRU CHE 10 MW - 100 MW**

| Nr.crt. | Anul 2011 Luna | Cantitate de energie electrica MWh | Valoarea contractului Lei |
|---|---|---|---|
| 1 | **Ianuarie** | 20,175.481 | 1,977,364.89 |
| 2 | **Februarie** | 16,915.023 | 1,643,665.01 |
| 3 | **Martie** | 14,890.119 | 1,416,151.20 |
| 4 | **Aprilie** | 0.000 | 0.00 |
| 5 | **Mai** | 0.000 | 0.00 |
| 6 | **Iunie** | 0.000 | 0.00 |
| 7 | **Iulie** | 0.000 | 0.00 |
| 8 | **August** | 0.000 | 0.00 |
| 9 | **Septembrie** | 0.000 | 0.00 |
| 10 | **Octombrie** | 0.000 | 0.00 |
| 11 | **Noiembrie** | 0.000 | 0.00 |
| 12 | **Decembrie** | 0.000 | 0.00 |
| | **Total perioada** | **51,980.623** | **5,037,181.10** |

**CANTITATI DE ENERGIE ELECTRICA CONTRACTATE PE ANUL 2011**
**PENTRU CHE > 100 MW**

| Nr.crt. | Anul 2011 Luna | Cantitate de energie electrica MWh | Valoarea contractului Lei |
|---|---|---|---|
| 1 | **Ianuarie** | 29,903.918 | 1,868,845.95 |
| 2 | **Februarie** | 24,840.639 | 1,548,995.64 |
| 3 | **Martie** | 22,688.023 | 1,361,433.39 |
| 4 | **Aprilie** | 0.000 | 0.00 |
| 5 | **Mai** | 0.000 | 0.00 |
| 6 | **Iunie** | 0.000 | 0.00 |
| 7 | **Iulie** | 0.000 | 0.00 |
| 8 | **August** | 0.000 | 0.00 |
| 9 | **Septembrie** | 0.000 | 0.00 |
| 10 | **Octombrie** | 0.000 | 0.00 |
| 11 | **Noiembrie** | 0.000 | 0.00 |
| 12 | **Decembrie** | 0.000 | 0.00 |
| | **Total perioada** | **77,432.580** | **4,779,274.98** |

**SC Hidroelectrica SA**

**SC CEZ VANZARE SA**

**Anexa 3**

## PREŢURI DE CONTRACT

Pretul de contract pentru orele de noapte este de 40.84 lei/MWh, reprezentand pretul reglementat, aprobat prin decizia presedintelui ANRE nr. 2966/23.12.2009, pentru energia electrica produsa in hidrocentrale cu 10<Pi<100 MW.

Pretul de contract pentru orele de zi este de 102.11 lei/MWh, reprezentand pretul reglementat, aprobat prin decizia presedintelui ANRE nr. 2966/23.12.2009, pentru energia electrica produsa in hidrocentrale cu 10<Pi<100 MW.

Pretul de contract pentru orele de noapte este de 27.65 lei/MWh, reprezentand pretul reglementat, aprobat prin decizia presedintelui ANRE nr. 2966/23.12.2009, pentru energia electrica produsa in hidrocentrale cu Pi>100 MW.

Pretul de contract pentru orele de zi este de 69.13 lei/MWh, reprezentand pretul reglementat, aprobat prin decizia presedintelui ANRE nr. 2966/23.12.2009, pentru energia electrica produsa in hidrocentrale cu Pi>100 MW.

Orele de noapte sunt: $22^{00}$-$6^{00}$ aprobate prin Ordinul presedintelui ANRE nr. 24/2005
Orele de zi sunt: $6^{00}$-$22^{00}$ aprobate prin Ordinul presedintelui ANRE nr. 24/2005

Pretul de contract se aplica pentru fiecare tranzactie orara din prezentul contract si nu contine TVA.

**Vânzător**

**SC Hidroelectrica SA**
**Director General**
**Constantin Trihenea**

**Cumpărător**

**SC CEZ Vanzare SA**
**Director General**
**Mirela Anca Visoica Dima**

**Director Divizia Economică**
**Si Comerciala**
**Eugeniu Tănase**

**Director Directia Financiara Administrativ**

**Madalina Mihaila**

**Anexa 4**

**Prevederi specifice privind procedura de derulare a contractului**

**Persoana/persoanele de contact din partea Vânzătorului:**

**George Asan – Director Directia Furnizare**

**Tel. 021/30.32.513**

**Nr. fax – 021/30.32.544**

**Cristina Mîndrican - Şef Serviciu Furnizare**

**Tel. – 021/30.74.665**

**072.072.7291**

**Nr fax – 021/30.32.544**

**e-mail: cristina.mindrican@hidroelectrica.ro**

**Persoana/persoanele de contact din partea Cumpărătorului:**

MARIUS CIMPEANU - DIRECTOR DIRECTIA SERVICII SUPORT
tel. 0251 216040, 0728 130798
fax 0251 216012

MADALINA RADUCANU - Sp. Achiziție Energie Electrica
tel. 0251 216078, 0728 192574
fax 0251 216012.

**Căile de comunicare convenite:**

**Repere de timp privind transmiterea datelor specifice între părţi, precum şi între părţi şi autorităţile desemnate prin lege sau reglementări să le primească, specificaţii privind procedura de modificare a cantităţilor de energie electrică orare, cu respectarea condiţiei prevăzute la alin. (2) art. 4 din contract.**

**Vânzător**
**SC Hidroelectrica SA**

**Cumpărător**
**SC CEZ Vanzare SA**

## Tabel 2.1 - cantitatile de energie electrica orare contractate in luna lanuarie 2011

Cantitati de energie electrica orare contractate in lanuarie 2011 — MWh

| Ora de la | Ora pina la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 11.914 | 8.347 | 5.590 | 5.590 | 4.024 | 5.590 | 5.590 | 1.397 | 5.590 | 5.590 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 2.683 | 5.590 | 5.590 | 1.397 | 1.397 | 5.590 | 5.590 | 5.590 | 5.590 | 5.590 | 5.590 | 1.397 | 1.397 | 4.881 | 5.590 | 1.987 |
| 1 | 2 | 8.112 | 8.486 | 5.537 | 5.590 | 1.397 | 3.183 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 5.590 | 5.278 | 1.397 | 1.397 | 1.397 | 5.590 | 5.590 | 1.397 | 5.590 | 1.397 | 1.397 | 1.397 | 1.397 | 5.590 | 1.987 |
| 2 | 3 | 7.853 | 8.840 | 1.397 | 5.590 | 3.342 | 5.590 | 2.192 | 1.397 | 1.397 | 2.774 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 5.590 | 1.397 | 1.397 | 1.397 | 1.397 | 5.590 | 5.590 | 1.397 | 3.842 | 1.397 | 1.397 | 1.397 | 1.397 | 5.590 | 1.987 |
| 3 | 4 | 7.853 | 6.390 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 4.801 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 5.590 | 1.397 | 3.098 | 1.397 | 1.397 | 1.397 | 2.060 | 5.590 | 1.987 |
| 4 | 5 | 7.853 | 6.390 | 1.397 | 2.630 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 5.590 | 1.397 | 1.397 | 1.397 | 1.397 | 5.590 | 5.590 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 5.590 | 5.590 | 1.987 |
| 5 | 6 | 8.311 | 8.445 | 5.590 | 5.590 | 5.590 | 5.590 | 3.630 | 1.397 | 1.397 | 1.740 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 5.590 | 5.590 | 1.397 | 1.397 | 5.590 | 5.590 | 5.590 | 1.986 | 5.590 | 3.385 | 1.397 | 1.397 | 5.590 | 5.590 | 7.950 |
| 6 | 7 | 8.347 | 8.840 | 5.590 | 8.112 | 7.618 | 7.793 | 8.605 | 4.427 | 1.931 | 5.590 | 8.112 | 8.605 | 8.605 | 5.705 | 1.397 | 1.397 | 5.590 | 8.122 | 7.628 | 8.112 | 8.605 | 5.590 | 5.590 | 5.590 | 8.112 | 8.605 | 8.112 | 8.112 | 5.590 | 5.590 | 11.024 |
| 7 | 8 | 8.347 | 8.840 | 15.626 | 29.881 | 28.730 | 24.069 | 28.878 | 9.099 | 5.590 | 15.039 | 29.271 | 26.085 | 25.959 | 32.233 | 8.122 | 5.590 | 15.029 | 27.444 | 25.476 | 25.959 | 33.621 | 8.605 | 5.590 | 17.164 | 29.273 | 31.381 | 30.051 | 30.641 | 8.201 | 5.590 | 31.323 |
| 8 | 9 | 8.347 | 9.378 | 24.388 | 43.710 | 41.490 | 35.225 | 43.448 | 14.782 | 5.590 | 25.775 | 44.574 | 34.036 | 39.584 | 34.970 | 14.150 | 7.628 | 29.113 | 44.042 | 36.382 | 40.871 | 49.132 | 16.670 | 8.112 | 24.221 | 47.849 | 52.327 | 49.660 | 51.191 | 12.452 | 5.590 | 42.334 |
| 9 | 10 | 8.347 | 12.901 | 31.989 | 52.988 | 47.694 | 39.031 | 50.361 | 24.734 | 8.605 | 36.465 | 52.870 | 41.186 | 45.657 | 51.908 | 25.969 | 7.628 | 38.265 | 53.177 | 41.474 | 48.969 | 59.838 | 26.947 | 8.112 | 39.044 | 58.070 | 58.697 | 58.697 | 60.079 | 19.975 | 6.392 | 45.642 |
| 10 | 11 | 8.347 | 12.901 | 34.902 | 49.423 | 46.460 | 35.670 | 52.432 | 25.577 | 8.605 | 37.129 | 51.636 | 44.523 | 49.364 | 50.648 | 25.969 | 7.628 | 37.326 | 54.559 | 44.684 | 47.488 | 60.354 | 30.406 | 8.112 | 38.029 | 57.939 | 58.400 | 56.623 | 56.218 | 21.108 | 8.201 | 44.457 |
| 11 | 12 | 8.605 | 18.284 | 33.174 | 45.127 | 41.325 | 31.127 | 48.880 | 25.376 | 8.605 | 33.577 | 46.796 | 41.402 | 45.858 | 46.451 | 25.969 | 7.628 | 36.876 | 48.980 | 41.030 | 44.081 | 55.623 | 28.027 | 8.112 | 36.427 | 53.166 | 53.413 | 51.092 | 52.120 | 18.444 | 8.004 | 26.122 |
| 12 | 13 | 9.871 | 19.567 | 30.952 | 42.954 | 39.498 | 28.609 | 48.336 | 25.376 | 8.605 | 29.676 | 42.846 | 39.834 | 44.970 | 45.710 | 25.969 | 7.628 | 35.839 | 49.177 | 39.548 | 40.279 | 51.092 | 26.453 | 8.112 | 34.403 | 48.080 | 50.764 | 48.821 | 51.034 | 16.833 | 8.201 | 22.039 |
| 13 | 14 | 9.871 | 18.432 | 31.199 | 43.547 | 40.090 | 28.164 | 47.645 | 20.932 | 8.605 | 28.218 | 42.682 | 42.352 | 47.340 | 41.045 | 24.166 | 7.628 | 35.542 | 27.017 | 39.252 | 42.352 | 48.377 | 24.231 | 8.112 | 35.835 | 48.102 | 49.907 | 48.278 | 33.446 | 14.081 | 7.021 | 17.723 |
| 14 | 15 | 9.871 | 17.987 | 27.940 | 40.979 | 35.547 | 24.217 | 44.189 | 16.120 | 8.605 | 24.977 | 38.896 | 41.266 | 43.340 | 37.072 | 17.180 | 7.628 | 29.568 | 41.905 | 36.382 | 37.020 | 40.871 | 18.355 | 8.112 | 32.665 | 42.550 | 43.340 | 40.921 | 30.593 | 8.695 | 5.590 | 23.748 |
| 15 | 16 | 11.815 | 19.567 | 24.388 | 38.510 | 32.335 | 24.069 | 41.917 | 15.769 | 8.605 | 24.488 | 36.579 | 37.566 | 38.748 | 32.974 | 16.044 | 7.628 | 26.309 | 36.382 | 27.938 | 31.464 | 38.347 | 16.670 | 8.112 | 25.950 | 38.254 | 35.736 | 35.135 | 25.752 | 8.695 | 5.590 | 31.529 |
| 16 | 17 | 13.445 | 34.028 | 34.902 | 49.818 | 38.404 | 33.010 | 51.990 | 21.722 | 8.520 | 25.529 | 41.957 | 45.118 | 45.414 | 38.057 | 23.501 | 9.361 | 29.370 | 39.005 | 33.617 | 36.752 | 41.414 | 23.589 | 8.112 | 27.283 | 40.476 | 36.476 | 39.044 | 37.010 | 14.081 | 8.605 | 45.670 |
| 17 | 18 | 51.630 | 67.826 | 68.730 | 80.819 | 71.050 | 63.792 | 77.420 | 46.658 | 26.208 | 58.510 | 71.683 | 68.967 | 73.658 | 68.291 | 43.460 | 28.787 | 52.979 | 68.237 | 56.880 | 63.289 | 68.473 | 46.204 | 25.526 | 56.771 | 67.041 | 59.025 | 63.190 | 60.321 | 29.693 | 11.375 | 58.645 |
| 18 | 19 | 62.493 | 76.022 | 79.691 | 83.447 | 80.325 | 72.729 | 81.313 | 61.372 | 41.177 | 72.681 | 78.446 | 79.434 | 78.940 | 78.906 | 59.378 | 41.375 | 66.213 | 77.756 | 72.237 | 78.733 | 79.227 | 67.585 | 47.517 | 76.127 | 80.483 | 77.871 | 78.335 | 78.918 | 51.922 | 24.073 | 58.645 |
| 19 | 20 | 60.764 | 74.985 | 75.247 | 81.535 | 78.761 | 69.410 | 79.442 | 58.015 | 41.868 | 68.138 | 77.164 | 75.386 | 78.940 | 75.137 | 55.428 | 41.375 | 64.929 | 73.027 | 68.928 | 76.720 | 79.227 | 63.980 | 50.332 | 71.782 | 79.331 | 77.989 | 78.335 | 77.253 | 50.984 | 24.567 | 58.645 |
| 20 | 21 | 57.160 | 69.109 | 65.767 | 78.951 | 70.139 | 61.076 | 67.246 | 46.806 | 34.359 | 58.164 | 66.928 | 66.449 | 65.313 | 65.215 | 50.786 | 36.589 | 56.041 | 64.040 | 61.670 | 67.733 | 70.216 | 51.142 | 41.690 | 62.560 | 73.510 | 70.202 | 69.609 | 66.736 | 37.850 | 23.490 | 38.957 |
| 21 | 22 | 42.791 | 55.481 | 44.534 | 56.879 | 50.980 | 43.596 | 46.655 | 29.026 | 24.487 | 37.919 | 45.216 | 44.574 | 42.881 | 43.488 | 32.019 | 25.476 | 35.296 | 42.659 | 40.699 | 46.401 | 48.525 | 34.370 | 28.013 | 42.039 | 49.463 | 46.401 | 44.772 | 46.244 | 23.579 | 13.350 | 15.410 |
| 22 | 23 | 23.814 | 31.303 | 20.536 | 24.388 | 24.069 | 21.341 | 25.084 | 10.288 | 8.112 | 11.919 | 19.046 | 21.712 | 19.244 | 18.256 | 16.124 | 7.628 | 12.300 | 13.854 | 15.626 | 17.677 | 22.749 | 14.964 | 8.112 | 16.579 | 23.342 | 18.552 | 17.565 | 19.580 | 8.679 | 8.605 | 8.347 |
| 23 | 24 | 12.408 | 12.408 | 8.112 | 7.731 | 7.793 | 8.605 | 9.099 | 8.605 | 5.590 | 8.112 | 8.605 | 9.064 | 8.112 | 8.122 | 7.628 | 6.573 | 6.919 | 1.643 | 8.112 | 8.605 | 8.605 | 8.112 | 6.155 | 8.112 | 8.605 | 8.112 | 6.886 | 8.201 | 5.590 | 5.590 | 8.347 |
| Total zi | | **468.169** | **614.757** | **678.575** | **885.186** | **799.455** | **674.280** | **868.543** | **473.066** | **276.242** | **616.201** | **811.689** | **775.941** | **810.309** | **782.570** | **481.641** | **274.843** | **646.255** | **791.675** | **705.945** | **770.887** | **881.064** | **541.247** | **325.073** | **663.745** | **878.753** | **851.761** | **833.508** | **801.831** | **373.174** | **218.964** | **600.132** |

| | |
|---|---|
| Total luna ore de gol | 1,350.636 |
| Total luna ore de zi | 18,824.845 |
| Total luna = | **20,175.481** |

Vanzator
SC Hidroelectrica SA

Cumparator
SC CEZ Vanzare SA

## Tabel 2.2 - cantitatile de energie electrica orare contractate in luna Februarie 2011

MWh

| Ora | | Cantitati de energie electrica orare contractate in Februarie 2011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| de la | pina la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | | |
| 0 | 1 | 1.987 | 1.987 | 1.987 | 1.987 | 1.987 | 7.950 | 7.802 | 7.802 | 3.006 | 7.802 | 7.802 | 7.802 | 7.802 | 7.752 | 7.752 | 7.752 | 8.160 | 7.752 | 4.780 | 7.752 | 1.938 | 2.079 | 2.268 | 1.954 | 1.938 | 1.938 | 1.938 | 3.340 | | | |
| 1 | 2 | 1.987 | 1.987 | 1.987 | 1.987 | 1.987 | 7.950 | 7.802 | 1.950 | 1.950 | 7.802 | 5.269 | 2.341 | 7.802 | 7.752 | 6.770 | 1.938 | 2.501 | 1.938 | 1.938 | 7.752 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 3.948 | | | |
| 2 | 3 | 1.987 | 1.987 | 1.987 | 1.987 | 1.987 | 7.950 | 7.802 | 1.950 | 1.950 | 7.802 | 1.950 | 7.186 | 7.802 | 7.752 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 3.930 | | | |
| 3 | 4 | 1.987 | 1.987 | 1.987 | 1.987 | 1.987 | 7.950 | 7.802 | 1.950 | 1.950 | 7.802 | 1.950 | 7.802 | 7.802 | 7.752 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 3.982 | | | |
| 4 | 5 | 1.987 | 1.987 | 1.987 | 1.987 | 1.987 | 6.780 | 7.802 | 3.536 | 1.950 | 7.802 | 1.950 | 7.802 | 7.802 | 7.752 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 1.938 | 3.948 | | | |
| 5 | 6 | 1.987 | 1.987 | 1.987 | 1.987 | 3.202 | 7.950 | 7.802 | 7.802 | 1.950 | 7.802 | 4.887 | 7.802 | 7.802 | 7.752 | 7.752 | 7.752 | 1.938 | 6.466 | 1.938 | 1.938 | 1.938 | 1.938 | 2.077 | 1.938 | 1.938 | 1.938 | 1.938 | 3.971 | | | |
| 6 | 7 | 8.249 | 2.583 | 2.540 | 2.736 | 11.436 | 7.950 | 7.802 | 10.764 | 10.764 | 10.764 | 11.051 | 7.802 | 7.802 | 8.061 | 10.324 | 10.324 | 10.324 | 10.610 | 7.752 | 7.752 | 10.324 | 2.581 | 2.458 | 2.529 | 2.776 | 1.938 | 1.938 | 8.707 | | | |
| 7 | 8 | 24.149 | 29.319 | 24.378 | 17.533 | 11.436 | 7.950 | 17.962 | 34.437 | 35.702 | 25.005 | 32.582 | 11.545 | 7.802 | 17.996 | 38.033 | 39.367 | 40.064 | 33.741 | 10.610 | 7.752 | 23.121 | 23.820 | 18.882 | 17.703 | 16.703 | 10.218 | 1.938 | 9.871 | | | |
| 8 | 9 | 41.986 | 35.534 | 34.329 | 39.696 | 17.581 | 8.515 | 34.536 | 47.846 | 53.357 | 36.588 | 46.037 | 16.479 | 7.802 | 39.302 | 47.084 | 52.456 | 50.251 | 45.360 | 10.869 | 7.752 | 31.814 | 28.092 | 25.387 | 22.868 | 23.527 | 14.836 | 7.864 | 19.647 | | | |
| 9 | 10 | 50.805 | 49.419 | 53.633 | 55.903 | 24.647 | 10.655 | 43.902 | 56.426 | 56.259 | 45.211 | 53.641 | 28.052 | 10.168 | 45.270 | 52.911 | 56.924 | 55.498 | 52.165 | 18.283 | 10.265 | 32.218 | 28.953 | 28.790 | 29.625 | 23.303 | 25.296 | 10.324 | 21.803 | | | |
| 10 | 11 | 45.931 | 36.263 | 51.413 | 56.002 | 27.765 | 10.655 | 45.581 | 56.426 | 56.402 | 48.269 | 51.975 | 31.508 | 10.557 | 45.270 | 51.726 | 56.318 | 55.213 | 49.832 | 20.239 | 10.610 | 26.739 | 30.562 | 29.059 | 29.647 | 27.301 | 29.145 | 10.324 | 22.243 | | | |
| 11 | 12 | 37.924 | 30.767 | 44.522 | 52.052 | 26.531 | 10.655 | 44.989 | 53.525 | 53.407 | 45.066 | 46.099 | 29.829 | 10.392 | 45.270 | 45.730 | 51.035 | 53.016 | 45.063 | 16.883 | 10.610 | 24.992 | 27.898 | 23.740 | 25.881 | 26.753 | 28.059 | 10.324 | 19.160 | | | |
| 12 | 13 | 22.041 | 27.010 | 24.472 | 30.525 | 22.333 | 10.655 | 44.113 | 48.328 | 47.778 | 42.300 | 44.476 | 25.484 | 10.373 | 44.458 | 45.880 | 49.801 | 50.597 | 34.376 | 14.006 | 10.610 | 22.091 | 26.551 | 23.005 | 23.254 | 20.585 | 26.183 | 10.324 | 21.995 | | | |
| 13 | 14 | 22.726 | 24.846 | 23.780 | 27.455 | 20.556 | 10.655 | 45.532 | 46.052 | 48.370 | 44.374 | 45.612 | 23.669 | 10.373 | 45.270 | 45.921 | 51.590 | 49.511 | 29.834 | 11.363 | 10.472 | 19.275 | 25.436 | 23.605 | 24.224 | 20.367 | 22.578 | 2.581 | 22.255 | | | |
| 14 | 15 | 17.959 | 21.476 | 19.637 | 23.537 | 18.035 | 10.655 | 41.103 | 41.239 | 35.232 | 41.461 | 41.627 | 18.742 | 9.120 | 41.178 | 43.331 | 47.119 | 44.255 | 26.848 | 11.104 | 10.150 | 16.930 | 23.521 | 23.522 | 22.892 | 16.843 | 17.895 | 6.041 | 18.967 | | | |
| 15 | 16 | 14.791 | 16.277 | 14.294 | 27.025 | 16.102 | 10.655 | 36.709 | 40.547 | 36.793 | 38.649 | 37.480 | 18.742 | 8.892 | 35.845 | 38.372 | 45.715 | 44.255 | 14.011 | 11.104 | 10.324 | 13.641 | 20.261 | 18.052 | 23.240 | 13.468 | 17.552 | 3.906 | 17.325 | | | |
| 16 | 17 | 14.873 | 16.681 | 15.500 | 32.103 | 18.360 | 10.655 | 36.659 | 39.584 | 33.432 | 39.722 | 38.764 | 21.310 | 10.764 | 38.350 | 36.940 | 45.452 | 42.505 | 27.839 | 11.104 | 10.324 | 15.026 | 17.743 | 19.225 | 23.089 | 12.564 | 18.388 | 10.324 | 18.567 | | | |
| 17 | 18 | 56.070 | 50.873 | 51.222 | 54.202 | 32.804 | 13.287 | 51.154 | 53.531 | 55.478 | 52.219 | 48.420 | 32.554 | 10.764 | 45.270 | 46.109 | 52.649 | 45.758 | 44.399 | 19.512 | 10.324 | 35.507 | 22.635 | 23.064 | 32.503 | 21.248 | 28.306 | 10.324 | 22.002 | | | |
| 18 | 19 | 71.575 | 71.319 | 69.788 | 71.363 | 54.427 | 31.522 | 65.647 | 69.916 | 68.414 | 65.477 | 67.110 | 52.824 | 32.268 | 62.092 | 69.056 | 68.221 | 67.136 | 66.181 | 46.051 | 32.466 | 60.108 | 68.206 | 62.419 | 66.814 | 56.344 | 44.780 | 24.504 | 60.186 | | | |
| 19 | 20 | 70.982 | 71.445 | 70.748 | 73.550 | 54.234 | 35.620 | 66.585 | 72.743 | 70.242 | 64.974 | 68.565 | 56.713 | 39.326 | 64.166 | 70.814 | 69.869 | 72.270 | 68.135 | 51.763 | 42.681 | 69.178 | 74.195 | 69.577 | 71.355 | 68.425 | 52.637 | 38.817 | 61.302 | | | |
| 20 | 21 | 64.859 | 64.258 | 62.421 | 69.507 | 49.986 | 31.323 | 56.426 | 68.219 | 62.465 | 56.740 | 60.740 | 47.836 | 33.647 | 56.710 | 69.056 | 67.722 | 67.240 | 61.984 | 45.557 | 39.796 | 62.774 | 71.686 | 68.295 | 67.453 | 63.698 | 46.613 | 38.373 | 61.545 | | | |
| 21 | 22 | 49.848 | 49.395 | 48.694 | 54.150 | 31.888 | 22.689 | 45.334 | 52.864 | 46.491 | 45.991 | 46.741 | 33.588 | 19.324 | 45.755 | 55.331 | 51.119 | 53.263 | 45.063 | 32.752 | 21.053 | 50.911 | 55.137 | 51.148 | 53.113 | 48.433 | 34.028 | 23.467 | 54.612 | | | |
| 22 | 23 | 18.373 | 17.570 | 20.708 | 23.977 | 11.112 | 10.655 | 15.256 | 20.496 | 17.663 | 14.553 | 18.240 | 11.051 | 10.764 | 18.456 | 27.346 | 18.825 | 22.494 | 19.562 | 10.610 | 10.324 | 24.654 | 28.963 | 24.546 | 22.769 | 18.181 | 10.324 | 10.324 | 19.587 | | | |
| 23 | 24 | 10.162 | 10.162 | 10.942 | 11.436 | 8.923 | 7.950 | 10.764 | 10.764 | 10.764 | 10.660 | 11.514 | 9.936 | 7.802 | 10.324 | 10.324 | 10.324 | 10.610 | 10.610 | 8.317 | 7.752 | 2.581 | 2.458 | 2.529 | 2.776 | 2.529 | 8.317 | 7.752 | 5.726 | | | |
| Total zi | | **655.225** | **637.119** | **654.943** | **734.674** | **471.295** | **309.231** | **756.866** | **848.697** | **811.769** | **774.835** | **794.482** | **518.399** | **304.752** | **755.555** | **832.376** | **868.086** | **852.673** | **707.583** | **372.349** | **294.273** | **553.512** | **590.457** | **549.400** | **573.379** | **494.676** | **448.721** | **241.077** | **508.619** | **0.000** | | |

| | |
|---|---|
| Total ore de gol | 1,363.277 |
| Total ore de zi | 15,551.746 |
| Total Luna | **16,915.023** |

Vanzator
SC Hidroelectrica SA

Cumparator
SC CEZ Vanzare SA

## Tabel 2.3 - cantitatile de energie electrica orare contractate in luna Martie 2011

Cantitati de energie electrica orare contractate in Martie 2011 — MWh

| Ora de la | pina la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 4.486 | 4.507 | 4.508 | 4.709 | 6.278 | 3.557 | 3.816 | 4.757 | 5.073 | 4.560 | 4.783 | 4.673 | 3.779 | 3.607 | 4.801 | 6.621 | 6.827 | 6.982 | 5.545 | 4.210 | 5.214 | 3.443 | 4.089 | 4.089 | 4.089 | 4.089 | 4.927 | 5.927 | 6.648 | 6.633 | 5.603 |
| 1 | 2 | 4.829 | 4.835 | 4.924 | 5.085 | 5.000 | 4.044 | 4.057 | 4.756 | 5.128 | 4.993 | 5.185 | 5.081 | 3.956 | 4.020 | 4.867 | 4.614 | 4.858 | 5.087 | 5.164 | 4.722 | 5.332 | 3.443 | 3.574 | 3.443 | 4.089 | 3.443 | 3.443 | 3.012 | 3.955 | 3.708 | 4.011 |
| 2 | 3 | 4.976 | 5.038 | 3.322 | 3.322 | 3.322 | 4.190 | 4.210 | 4.911 | 5.247 | 5.262 | 5.318 | 4.950 | 4.066 | 4.165 | 5.084 | 5.086 | 5.129 | 5.227 | 5.272 | 4.785 | 5.123 | 3.443 | 3.443 | 3.443 | 3.687 | 3.443 | 3.443 | 3.012 | 3.832 | 3.708 | 3.854 |
| 3 | 4 | 5.071 | 3.322 | 3.322 | 3.322 | 3.322 | 4.324 | 4.281 | 4.691 | 3.430 | 5.011 | 5.218 | 4.986 | 4.318 | 4.186 | 4.778 | 5.084 | 5.284 | 5.080 | 3.418 | 4.636 | 5.352 | 3.443 | 3.443 | 3.443 | 3.443 | 3.443 | 0.000 | 3.012 | 3.819 | 3.708 | 3.708 |
| 4 | 5 | 4.927 | 4.990 | 3.322 | 3.322 | 3.322 | 4.224 | 4.297 | 4.718 | 3.430 | 5.029 | 5.326 | 5.094 | 4.268 | 4.182 | 5.228 | 5.179 | 5.163 | 5.236 | 3.418 | 4.768 | 3.443 | 3.443 | 3.672 | 3.443 | 3.764 | 3.443 | 3.443 | 3.012 | 3.832 | 3.708 | 3.832 |
| 5 | 6 | 4.601 | 4.661 | 4.638 | 4.971 | 4.764 | 3.957 | 4.144 | 4.500 | 5.257 | 4.712 | 5.310 | 4.802 | 4.136 | 3.895 | 4.928 | 6.775 | 7.237 | 6.847 | 5.054 | 4.653 | 5.385 | 3.443 | 4.089 | 4.089 | 4.089 | 3.443 | 5.192 | 5.230 | 4.011 | 3.888 | 4.368 |
| 6 | 7 | 5.869 | 5.886 | 5.847 | 6.126 | 5.787 | 3.851 | 3.647 | 6.497 | 6.195 | 6.476 | 6.137 | 3.913 | 3.787 | 4.266 | 6.247 | 6.157 | 6.718 | 6.476 | 4.406 | 4.682 | 5.813 | 4.201 | 4.176 | 4.089 | 4.315 | 3.564 | 5.225 | 8.414 | 15.962 | 18.632 | 9.147 |
| 7 | 8 | 12.937 | 17.188 | 18.571 | 21.432 | 5.158 | 3.322 | 7.558 | 13.149 | 17.604 | 19.920 | 17.376 | 9.577 | 3.453 | 11.166 | 20.153 | 24.171 | 23.981 | 21.491 | 6.029 | 4.247 | 12.172 | 22.600 | 17.263 | 8.139 | 10.568 | 6.764 | 4.543 | 26.377 | 34.670 | 37.882 | 34.578 |
| 8 | 9 | 26.094 | 26.586 | 29.864 | 33.629 | 11.318 | 9.183 | 19.832 | 27.260 | 32.319 | 33.750 | 30.096 | 16.442 | 8.350 | 26.958 | 34.661 | 34.960 | 35.292 | 30.581 | 5.589 | 4.305 | 10.489 | 36.482 | 20.565 | 11.201 | 13.656 | 10.496 | 4.675 | 38.165 | 41.830 | 41.820 | 38.178 |
| 9 | 10 | 29.883 | 27.999 | 33.571 | 33.602 | 31.323 | 11.789 | 26.044 | 33.984 | 35.243 | 35.204 | 35.119 | 29.715 | 14.013 | 31.078 | 35.436 | 35.052 | 35.329 | 32.830 | 8.984 | 4.205 | 12.576 | 37.230 | 24.440 | 12.386 | 14.878 | 12.909 | 5.793 | 41.422 | 41.938 | 32.632 | 29.312 |
| 10 | 11 | 28.520 | 25.599 | 33.089 | 33.401 | 33.969 | 7.286 | 26.060 | 31.784 | 35.102 | 35.299 | 34.923 | 31.048 | 14.013 | 31.192 | 35.747 | 35.548 | 35.249 | 29.960 | 8.395 | 4.744 | 11.724 | 37.115 | 16.019 | 11.534 | 14.533 | 12.929 | 4.201 | 41.221 | 37.781 | 20.452 | 31.069 |
| 11 | 12 | 22.420 | 22.112 | 30.696 | 33.382 | 26.730 | 4.905 | 24.823 | 29.915 | 33.500 | 35.187 | 31.997 | 26.505 | 13.784 | 29.077 | 35.552 | 34.416 | 31.667 | 25.284 | 6.737 | 4.616 | 10.847 | 36.656 | 14.941 | 10.522 | 12.891 | 11.796 | 4.666 | 41.447 | 24.290 | 18.202 | 17.681 |
| 12 | 13 | 17.992 | 18.849 | 29.596 | 33.573 | 23.964 | 5.147 | 23.108 | 28.689 | 30.585 | 34.352 | 31.795 | 25.059 | 5.458 | 26.250 | 33.292 | 32.161 | 28.351 | 11.337 | 6.503 | 4.546 | 10.107 | 36.893 | 13.349 | 9.732 | 11.824 | 7.442 | 4.965 | 36.922 | 16.773 | 18.202 | 16.549 |
| 13 | 14 | 17.658 | 19.244 | 13.162 | 33.669 | 16.972 | 5.317 | 22.897 | 28.878 | 28.528 | 33.642 | 31.592 | 17.841 | 3.504 | 26.399 | 33.953 | 32.208 | 27.780 | 14.145 | 6.495 | 5.006 | 10.280 | 36.986 | 12.806 | 9.448 | 12.168 | 6.377 | 4.201 | 40.082 | 16.476 | 18.202 | 17.168 |
| 14 | 15 | 14.015 | 17.126 | 12.471 | 32.804 | 17.836 | 5.284 | 19.951 | 25.470 | 25.748 | 32.952 | 27.297 | 17.767 | 3.608 | 24.351 | 31.655 | 29.680 | 16.482 | 9.099 | 6.677 | 5.071 | 8.682 | 36.922 | 11.522 | 6.535 | 10.575 | 6.979 | 4.201 | 30.558 | 15.117 | 18.202 | 15.746 |
| 15 | 16 | 11.250 | 13.642 | 10.607 | 29.790 | 21.327 | 5.327 | 17.545 | 20.197 | 20.511 | 27.204 | 24.115 | 5.622 | 3.690 | 19.877 | 25.274 | 23.292 | 20.202 | 6.114 | 6.467 | 5.103 | 7.333 | 32.912 | 9.201 | 5.829 | 8.422 | 4.089 | 4.201 | 24.089 | 12.549 | 16.350 | 13.907 |
| 16 | 17 | 10.495 | 13.186 | 18.131 | 29.783 | 13.905 | 5.056 | 26.235 | 19.644 | 20.372 | 25.394 | 22.363 | 17.422 | 3.503 | 18.958 | 26.162 | 22.937 | 20.570 | 7.811 | 6.677 | 4.742 | 7.015 | 31.400 | 8.411 | 5.075 | 8.375 | 6.904 | 4.201 | 21.250 | 11.734 | 14.953 | 13.141 |
| 17 | 18 | 14.102 | 16.604 | 29.249 | 32.951 | 33.156 | 8.679 | 35.381 | 21.038 | 29.541 | 30.091 | 25.956 | 21.711 | 14.013 | 20.969 | 29.775 | 26.030 | 21.632 | 14.320 | 6.136 | 4.290 | 9.114 | 35.955 | 9.550 | 5.870 | 8.674 | 6.700 | 7.238 | 12.574 | 11.413 | 13.706 | 12.894 |
| 18 | 19 | 49.559 | 49.770 | 34.033 | 48.640 | 61.095 | 30.666 | 66.190 | 48.286 | 63.673 | 60.360 | 51.754 | 43.766 | 17.996 | 43.299 | 45.957 | 33.912 | 34.054 | 28.401 | 11.853 | 10.761 | 32.881 | 36.245 | 34.330 | 11.411 | 27.418 | 17.551 | 6.656 | 17.567 | 12.623 | 14.212 | 14.203 |
| 19 | 20 | 70.989 | 68.413 | 72.192 | 73.451 | 67.798 | 56.040 | 68.222 | 68.914 | 73.838 | 74.465 | 73.069 | 65.241 | 40.232 | 72.050 | 73.455 | 75.931 | 73.857 | 72.130 | 62.412 | 35.557 | 47.757 | 58.376 | 51.856 | 40.254 | 43.109 | 65.513 | 36.921 | 37.337 | 38.729 | 40.847 | 26.191 |
| 20 | 21 | 63.978 | 65.857 | 62.936 | 62.437 | 61.095 | 54.707 | 66.468 | 64.371 | 70.781 | 73.786 | 66.946 | 62.644 | 39.393 | 70.519 | 73.455 | 71.677 | 75.092 | 72.130 | 62.566 | 38.421 | 43.040 | 44.928 | 56.351 | 40.103 | 44.656 | 65.724 | 54.624 | 62.036 | 60.312 | 59.653 | 45.403 |
| 21 | 22 | 31.386 | 33.003 | 32.844 | 32.536 | 56.781 | 39.104 | 42.212 | 34.567 | 63.703 | 44.589 | 59.222 | 43.831 | 25.575 | 59.753 | 52.461 | 40.963 | 42.191 | 43.066 | 44.630 | 24.949 | 36.048 | 35.847 | 35.401 | 36.068 | 36.030 | 58.895 | 46.698 | 77.890 | 72.488 | 79.830 | 63.416 |
| 22 | 23 | 9.663 | 12.612 | 13.602 | 17.382 | 25.022 | 15.801 | 15.338 | 11.656 | 18.465 | 16.627 | 24.500 | 18.140 | 17.422 | 16.113 | 19.084 | 22.215 | 17.268 | 14.578 | 17.536 | 17.153 | 15.183 | 22.789 | 24.107 | 20.774 | 22.793 | 11.623 | 10.457 | 39.456 | 39.958 | 40.308 | 39.546 |
| 23 | 24 | 6.125 | 5.988 | 5.903 | 5.595 | 4.937 | 5.109 | 6.056 | 6.193 | 6.486 | 6.029 | 5.670 | 15.072 | 3.430 | 6.176 | 5.894 | 6.309 | 6.000 | 5.902 | 3.490 | 3.969 | 4.201 | 7.541 | 8.258 | 4.233 | 9.393 | 6.206 | 6.728 | 19.017 | 19.738 | 21.782 | 24.909 |
| **Total zi** | | **471.825** | **487.017** | **510.400** | **618.914** | **544.181** | **300.869** | **542.372** | **548.825** | **639.759** | **654.894** | **631.067** | **500.902** | **259.747** | **562.506** | **647.899** | **620.978** | **596.213** | **480.114** | **309.453** | **214.341** | **325.111** | **611.736** | **394.856** | **275.153** | **337.439** | **343.765** | **240.642** | **639.029** | **550.478** | **551.220** | **488.414** |

| | |
|---|---|
| Total ore de gol | 1,701.956 |
| Total ore de zi | 13,188.163 |
| Total Luna | **14,890.119** |

Vanzator
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Cumparator
SC CEZ Vanzare SA

## Tabel 2.1 - cantitatile de energie electrica orare contractate in luna lanuarie 2011

**Cantitati de energie electrica orare contractate in lanuarie 2011** MWh

| Ora de la | pina la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 65.354 | 39.471 | 18.074 | 16.795 | 14.248 | 19.148 | 18.074 | 9.384 | 18.074 | 18.074 | 8.160 | 8.542 | 9.434 | 9.634 | 11.114 | 11.293 | 18.074 | 18.074 | 8.461 | 10.459 | 16.048 | 20.669 | 18.074 | 18.074 | 18.074 | 16.152 | 9.200 | 12.803 | 13.072 | 18.074 | 10.354 |
| 1 | 2 | 53.235 | 28.686 | 10.933 | 13.655 | 8.104 | 11.088 | 8.326 | 8.727 | 8.236 | 8.745 | 8.407 | 8.456 | 8.659 | 9.094 | 9.282 | 8.481 | 16.080 | 10.950 | 8.463 | 8.491 | 10.368 | 18.074 | 18.074 | 10.923 | 12.056 | 8.252 | 8.394 | 8.299 | 10.185 | 18.074 | 9.256 |
| 2 | 3 | 41.601 | 23.565 | 11.099 | 11.728 | 11.077 | 11.326 | 11.153 | 8.643 | 8.185 | 11.114 | 8.349 | 8.399 | 8.638 | 8.619 | 9.172 | 8.489 | 12.442 | 8.167 | 8.548 | 8.613 | 8.267 | 13.857 | 18.074 | 8.230 | 11.044 | 8.307 | 8.436 | 8.335 | 8.200 | 18.074 | 9.356 |
| 3 | 4 | 33.648 | 22.412 | 8.169 | 10.567 | 8.167 | 10.733 | 8.207 | 8.793 | 8.347 | 8.087 | 8.501 | 8.626 | 8.684 | 8.909 | 9.251 | 8.669 | 10.982 | 8.203 | 8.402 | 8.712 | 8.202 | 10.391 | 18.074 | 8.280 | 11.093 | 8.305 | 8.463 | 8.286 | 8.145 | 18.074 | 9.376 |
| 4 | 5 | 30.997 | 22.033 | 8.130 | 11.124 | 9.425 | 10.378 | 8.202 | 8.718 | 8.377 | 8.122 | 8.367 | 8.551 | 8.642 | 8.950 | 9.148 | 8.656 | 12.323 | 9.191 | 8.376 | 8.686 | 8.275 | 11.603 | 18.074 | 8.304 | 11.146 | 8.351 | 8.378 | 8.179 | 11.161 | 18.074 | 9.482 |
| 5 | 6 | 28.996 | 23.281 | 13.110 | 18.074 | 18.074 | 17.891 | 11.058 | 8.476 | 8.264 | 11.182 | 9.788 | 8.292 | 8.328 | 8.759 | 8.924 | 8.458 | 18.074 | 18.074 | 8.091 | 9.241 | 13.661 | 18.074 | 18.074 | 11.166 | 18.074 | 11.074 | 10.460 | 11.162 | 16.932 | 18.074 | 9.062 |
| 6 | 7 | 34.264 | 31.992 | 18.074 | 39.283 | 39.425 | 34.666 | 33.839 | 11.246 | 11.170 | 20.764 | 27.873 | 28.015 | 30.056 | 21.366 | 9.925 | 8.176 | 18.397 | 28.147 | 33.165 | 36.063 | 40.797 | 21.427 | 18.074 | 21.427 | 39.660 | 42.359 | 41.317 | 32.033 | 21.048 | 18.074 | 18.074 |
| 7 | 8 | 38.856 | 46.572 | 47.749 | 57.231 | 58.145 | 57.028 | 57.198 | 36.301 | 18.074 | 47.032 | 56.158 | 48.065 | 49.776 | 36.619 | 32.313 | 18.350 | 47.042 | 56.536 | 50.612 | 55.877 | 55.632 | 38.808 | 21.427 | 49.871 | 58.854 | 58.821 | 59.386 | 56.767 | 34.794 | 18.074 | 48.493 |
| 8 | 9 | 39.234 | 52.306 | 52.793 | 58.411 | 59.546 | 57.977 | 54.510 | 45.907 | 18.458 | 56.337 | 40.025 | 33.847 | 33.659 | 33.962 | 46.558 | 25.307 | 56.546 | 53.527 | 58.003 | 58.481 | 58.040 | 49.208 | 25.932 | 59.294 | 58.987 | 58.954 | 59.901 | 54.473 | 47.429 | 18.074 | 55.494 |
| 9 | 10 | 42.248 | 59.153 | 57.672 | 58.416 | 59.799 | 59.158 | 58.379 | 48.769 | 26.028 | 57.792 | 38.596 | 33.378 | 33.159 | 32.852 | 50.754 | 35.532 | 58.470 | 53.243 | 58.944 | 55.058 | 56.946 | 51.522 | 37.625 | 59.427 | 58.987 | 53.239 | 53.338 | 59.245 | 50.679 | 21.427 | 60.228 |
| 10 | 11 | 43.069 | 64.313 | 57.672 | 58.852 | 59.799 | 58.924 | 58.192 | 54.398 | 30.431 | 49.688 | 44.947 | 39.383 | 39.707 | 40.704 | 54.683 | 41.639 | 58.470 | 57.592 | 58.944 | 58.481 | 57.554 | 55.874 | 40.797 | 59.880 | 59.207 | 50.555 | 53.766 | 52.562 | 50.679 | 24.237 | 56.233 |
| 11 | 12 | 47.445 | 64.549 | 57.672 | 58.852 | 59.799 | 57.977 | 57.905 | 53.408 | 30.431 | 56.810 | 47.630 | 40.046 | 40.808 | 41.781 | 54.920 | 43.296 | 57.246 | 58.470 | 58.944 | 53.241 | 52.704 | 56.072 | 40.607 | 59.901 | 59.001 | 45.235 | 55.932 | 44.587 | 50.679 | 23.716 | 36.426 |
| 12 | 13 | 53.915 | 64.549 | 52.501 | 58.852 | 59.799 | 57.977 | 57.905 | 51.562 | 30.620 | 48.198 | 50.946 | 43.774 | 36.480 | 38.233 | 52.032 | 43.816 | 47.240 | 58.470 | 57.732 | 47.846 | 48.271 | 54.409 | 38.856 | 54.229 | 51.005 | 43.608 | 48.435 | 34.802 | 49.572 | 23.716 | 35.844 |
| 13 | 14 | 54.720 | 64.549 | 53.994 | 58.852 | 59.799 | 57.977 | 51.723 | 49.242 | 29.532 | 49.193 | 58.023 | 40.367 | 34.015 | 33.564 | 47.772 | 41.118 | 49.060 | 34.773 | 53.987 | 50.090 | 53.791 | 49.344 | 36.773 | 43.360 | 34.792 | 49.299 | 43.356 | 35.192 | 47.429 | 22.670 | 35.884 |
| 14 | 15 | 40.816 | 64.549 | 53.012 | 58.852 | 59.799 | 57.927 | 57.905 | 47.133 | 26.265 | 49.987 | 56.703 | 38.622 | 44.204 | 46.153 | 49.807 | 37.804 | 56.678 | 40.286 | 58.429 | 46.446 | 52.634 | 49.344 | 30.382 | 39.481 | 36.396 | 55.686 | 43.818 | 35.379 | 46.250 | 21.427 | 36.167 |
| 15 | 16 | 56.360 | 64.549 | 56.722 | 58.852 | 58.618 | 55.702 | 57.905 | 46.380 | 25.508 | 50.132 | 56.205 | 45.738 | 49.407 | 51.236 | 49.807 | 37.994 | 57.009 | 44.107 | 57.009 | 52.766 | 54.488 | 48.829 | 30.808 | 50.767 | 36.778 | 59.427 | 35.135 | 35.370 | 45.350 | 21.427 | 35.181 |
| 16 | 17 | 65.023 | 67.492 | 57.672 | 58.852 | 59.758 | 57.734 | 57.905 | 49.242 | 39.034 | 56.810 | 58.007 | 43.384 | 57.534 | 57.959 | 49.807 | 47.032 | 57.009 | 55.382 | 57.009 | 56.072 | 57.534 | 49.344 | 38.240 | 59.768 | 58.097 | 59.427 | 46.658 | 46.605 | 47.429 | 24.749 | 48.342 |
| 17 | 18 | 67.706 | 67.706 | 58.852 | 62.363 | 59.325 | 58.852 | 57.905 | 57.905 | 56.965 | 58.944 | 58.007 | 57.534 | 57.534 | 57.567 | 58.412 | 56.337 | 58.944 | 58.944 | 58.944 | 58.481 | 57.534 | 58.007 | 54.020 | 59.901 | 58.954 | 59.823 | 59.901 | 59.622 | 59.209 | 47.515 | 60.249 |
| 18 | 19 | 67.706 | 67.706 | 58.852 | 68.081 | 60.753 | 58.852 | 61.511 | 57.905 | 58.379 | 58.944 | 62.506 | 58.861 | 62.175 | 58.799 | 58.348 | 58.470 | 58.944 | 61.937 | 58.944 | 59.722 | 61.947 | 58.007 | 58.831 | 59.901 | 66.092 | 61.259 | 62.660 | 60.870 | 59.342 | 59.294 | 67.551 |
| 19 | 20 | 67.706 | 67.706 | 58.852 | 65.984 | 59.271 | 58.957 | 57.623 | 57.905 | 58.379 | 58.944 | 58.007 | 57.534 | 57.772 | 57.773 | 58.348 | 58.470 | 58.944 | 58.944 | 58.944 | 58.481 | 59.580 | 58.007 | 58.831 | 59.901 | 64.688 | 60.672 | 60.246 | 59.342 | 59.342 | 59.294 | 64.142 |
| 20 | 21 | 67.706 | 67.706 | 58.852 | 58.852 | 59.158 | 59.325 | 57.623 | 57.905 | 56.725 | 58.944 | 58.007 | 57.534 | 57.534 | 58.007 | 58.348 | 58.467 | 58.944 | 58.944 | 58.944 | 58.481 | 57.710 | 58.007 | 58.831 | 59.511 | 58.954 | 59.901 | 59.901 | 59.342 | 59.342 | 53.652 | 60.971 |
| 21 | 22 | 67.706 | 67.706 | 58.852 | 58.852 | 59.158 | 59.325 | 57.529 | 56.725 | 49.716 | 58.944 | 58.007 | 57.534 | 57.642 | 58.007 | 55.937 | 55.583 | 57.009 | 58.944 | 58.929 | 58.481 | 58.007 | 56.476 | 56.842 | 59.254 | 58.954 | 59.901 | 59.901 | 59.342 | 54.324 | 47.515 | 60.200 |
| 22 | 23 | 65.023 | 66.316 | 50.095 | 53.645 | 51.300 | 50.317 | 48.812 | 46.380 | 38.074 | 46.898 | 49.344 | 48.871 | 49.344 | 49.344 | 48.595 | 45.426 | 46.959 | 31.817 | 47.652 | 49.805 | 49.344 | 46.630 | 44.158 | 48.395 | 50.291 | 51.238 | 51.238 | 50.679 | 38.596 | 26.027 | 50.299 |
| 23 | 24 | 56.975 | 62.135 | 34.644 | 38.796 | 36.066 | 32.893 | 35.070 | 23.235 | 19.310 | 24.039 | 29.719 | 34.108 | 34.122 | 25.345 | 30.467 | 23.431 | 23.715 | 12.740 | 27.021 | 32.986 | 33.980 | 27.068 | 21.891 | 29.151 | 37.057 | 32.654 | 21.614 | 36.498 | 21.427 | 18.074 | 18.028 |
| Total zi | | **1230.309** | **1271.002** | **1014.047** | **1113.821** | **1088.432** | **1072.132** | **1044.459** | **904.289** | **682.582** | **973.724** | **960.282** | **857.461** | **877.313** | **853.236** | **923.724** | **790.294** | **1014.601** | **955.462** | **1022.497** | **1001.060** | **1031.314** | **979.051** | **821.369** | **998.396** | **1028.241** | **1022.499** | **969.834** | **929.774** | **910.615** | **657.406** | **904.692** |

| | |
|---|---|
| Total luna ore de gol | 4,783.315 |
| Total luna ore de zi | 25,120.603 |
| Total luna = | **29,903.918** |

Vanzator
SC Hidroelectrica SA

Cumparator
SC CEZ Vanzare SA

## Tabel 2.2 - cantitatile de energie electrica orare contractate in luna Februarie 2011

Cantitati de energie electrica orare contractate in Februarie 2011 — MWh

| Ora de la | pina la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 8.930 | 9.148 | 9.225 | 9.386 | 10.221 | 18.074 | 18.074 | 12.670 | 11.099 | 18.074 | 18.074 | 18.074 | 18.074 | 18.074 | 18.074 | 18.411 | 15.400 | 18.117 | 11.306 | 18.074 | 8.854 | 11.863 | 13.328 | 11.263 | 10.905 | 9.514 | 9.062 | 15.083 | | | |
| 1 | 2 | 9.344 | 9.409 | 9.500 | 9.774 | 9.106 | 18.074 | 18.074 | 9.170 | 8.947 | 18.074 | 10.951 | 11.143 | 18.074 | 18.074 | 10.852 | 8.894 | 11.132 | 8.865 | 9.116 | 18.074 | 9.231 | 9.796 | 9.991 | 10.131 | 10.371 | 9.887 | 9.186 | 15.044 | | | |
| 2 | 3 | 9.529 | 9.501 | 9.531 | 9.876 | 9.449 | 17.329 | 18.074 | 8.963 | 9.137 | 18.074 | 8.904 | 10.825 | 18.074 | 18.074 | 8.875 | 9.004 | 9.228 | 9.118 | 9.256 | 8.880 | 9.327 | 9.987 | 10.141 | 10.227 | 10.427 | 9.991 | 9.617 | 15.045 | | | |
| 3 | 4 | 9.596 | 9.501 | 9.615 | 9.694 | 9.553 | 11.195 | 18.074 | 8.936 | 9.288 | 18.074 | 8.855 | 18.074 | 18.074 | 18.074 | 8.886 | 9.007 | 9.181 | 9.122 | 9.332 | 9.111 | 9.337 | 9.885 | 10.116 | 10.330 | 10.557 | 10.063 | 9.293 | 15.041 | | | |
| 4 | 5 | 9.432 | 9.375 | 9.553 | 9.854 | 9.502 | 10.852 | 18.074 | 11.064 | 9.192 | 18.074 | 10.331 | 17.975 | 18.074 | 18.074 | 8.897 | 8.995 | 9.048 | 8.982 | 9.378 | 8.910 | 9.323 | 9.935 | 9.976 | 10.312 | 10.620 | 10.032 | 9.659 | 15.044 | | | |
| 5 | 6 | 9.113 | 9.069 | 9.336 | 9.590 | 11.086 | 13.704 | 18.074 | 12.608 | 8.934 | 18.074 | 10.976 | 18.074 | 18.074 | 18.074 | 18.074 | 15.341 | 10.093 | 10.872 | 8.979 | 8.853 | 8.956 | 9.643 | 11.731 | 9.908 | 10.325 | 9.760 | 9.533 | 15.042 | | | |
| 6 | 7 | 18.922 | 21.661 | 22.735 | 23.855 | 22.440 | 18.074 | 20.531 | 35.396 | 30.185 | 30.425 | 36.825 | 18.074 | 18.074 | 20.662 | 39.748 | 41.546 | 46.659 | 41.319 | 19.017 | 13.197 | 31.984 | 27.230 | 27.438 | 25.827 | 26.451 | 10.178 | 9.104 | 18.159 | | | |
| 7 | 8 | 34.920 | 30.728 | 31.431 | 34.487 | 41.233 | 18.074 | 51.171 | 56.205 | 56.366 | 53.981 | 55.664 | 34.127 | 18.074 | 53.174 | 53.752 | 53.325 | 54.692 | 54.127 | 33.129 | 18.074 | 49.750 | 32.894 | 33.125 | 32.779 | 32.301 | 20.464 | 8.845 | 35.855 | | | |
| 8 | 9 | 34.848 | 34.733 | 35.096 | 34.573 | 50.490 | 21.027 | 56.205 | 58.424 | 37.150 | 56.652 | 59.269 | 50.274 | 19.348 | 54.666 | 62.212 | 53.230 | 47.031 | 47.476 | 48.408 | 18.074 | 32.069 | 37.796 | 37.972 | 37.525 | 35.115 | 49.576 | 20.662 | 37.652 | | | |
| 9 | 10 | 34.029 | 33.690 | 33.831 | 40.686 | 52.474 | 25.602 | 59.818 | 61.828 | 57.658 | 60.978 | 49.548 | 53.475 | 26.168 | 58.459 | 58.736 | 62.651 | 52.627 | 48.462 | 53.183 | 22.762 | 37.533 | 40.443 | 37.749 | 37.227 | 37.142 | 52.282 | 25.688 | 37.510 | | | |
| 10 | 11 | 34.349 | 34.389 | 33.976 | 40.124 | 52.420 | 30.052 | 59.818 | 63.954 | 59.859 | 61.455 | 61.310 | 53.475 | 28.304 | 60.211 | 62.212 | 57.600 | 61.973 | 51.958 | 53.391 | 26.028 | 37.924 | 38.799 | 37.803 | 38.214 | 34.749 | 52.379 | 25.924 | 37.463 | | | |
| 11 | 12 | 34.873 | 34.750 | 34.428 | 33.968 | 52.420 | 29.768 | 59.818 | 56.634 | 49.072 | 59.792 | 61.310 | 53.475 | 25.670 | 58.554 | 54.746 | 61.311 | 52.388 | 46.513 | 50.312 | 29.484 | 33.811 | 37.808 | 38.080 | 37.472 | 31.642 | 52.379 | 26.729 | 37.388 | | | |
| 12 | 13 | 35.915 | 34.996 | 35.742 | 35.174 | 52.420 | 28.348 | 59.175 | 46.440 | 37.191 | 57.797 | 57.230 | 53.475 | 24.268 | 56.255 | 53.354 | 55.871 | 44.682 | 32.734 | 49.757 | 28.821 | 33.047 | 37.846 | 36.268 | 37.263 | 32.046 | 52.379 | 21.849 | 37.202 | | | |
| 13 | 14 | 35.870 | 35.273 | 35.788 | 35.375 | 52.420 | 28.727 | 51.582 | 48.676 | 34.993 | 52.815 | 49.028 | 52.990 | 23.794 | 55.592 | 47.833 | 47.169 | 48.677 | 32.423 | 48.834 | 29.001 | 33.194 | 37.673 | 37.090 | 37.581 | 32.060 | 52.683 | 14.979 | 37.185 | | | |
| 14 | 15 | 36.152 | 35.643 | 36.294 | 35.602 | 50.908 | 25.366 | 53.374 | 39.384 | 34.585 | 42.600 | 51.584 | 52.174 | 23.007 | 55.245 | 53.728 | 52.939 | 46.752 | 32.234 | 42.076 | 26.565 | 33.345 | 35.110 | 33.127 | 36.251 | 32.292 | 52.230 | 13.983 | 37.400 | | | |
| 15 | 16 | 35.393 | 35.984 | 35.996 | 35.344 | 48.879 | 23.898 | 55.877 | 36.569 | 33.173 | 41.869 | 56.397 | 50.186 | 23.037 | 54.666 | 49.604 | 54.158 | 38.206 | 32.290 | 38.952 | 27.818 | 32.669 | 32.831 | 32.680 | 32.501 | 31.621 | 50.049 | 13.768 | 36.913 | | | |
| 16 | 17 | 35.864 | 35.928 | 36.064 | 39.140 | 51.495 | 30.100 | 56.205 | 42.234 | 33.541 | 37.897 | 56.507 | 52.980 | 26.449 | 54.490 | 49.576 | 55.539 | 47.935 | 32.094 | 43.781 | 35.866 | 33.470 | 32.996 | 32.603 | 32.777 | 31.681 | 52.656 | 25.593 | 37.066 | | | |
| 17 | 18 | 38.087 | 33.716 | 47.454 | 59.644 | 55.731 | 49.826 | 61.481 | 61.144 | 47.197 | 60.981 | 61.783 | 53.655 | 44.675 | 57.844 | 57.560 | 61.752 | 63.152 | 48.686 | 52.478 | 47.464 | 32.637 | 34.990 | 35.422 | 37.038 | 31.873 | 52.852 | 35.818 | 37.497 | | | |
| 18 | 19 | 67.700 | 68.134 | 69.081 | 70.790 | 59.191 | 60.180 | 69.884 | 72.845 | 72.296 | 69.857 | 70.186 | 61.206 | 55.918 | 69.646 | 71.302 | 72.907 | 73.048 | 69.371 | 60.646 | 53.882 | 69.939 | 60.649 | 62.489 | 54.967 | 66.796 | 61.012 | 52.852 | 39.332 | | | |
| 19 | 20 | 67.700 | 68.581 | 69.060 | 70.492 | 59.282 | 60.180 | 69.884 | 73.874 | 72.390 | 69.582 | 71.110 | 61.265 | 56.205 | 69.646 | 73.309 | 73.836 | 75.843 | 71.203 | 62.081 | 56.255 | 71.043 | 74.565 | 71.417 | 70.944 | 67.835 | 62.569 | 54.278 | 77.577 | | | |
| 20 | 21 | 67.700 | 68.134 | 68.806 | 68.404 | 59.282 | 59.755 | 68.451 | 70.542 | 69.857 | 68.292 | 70.186 | 61.206 | 56.205 | 69.646 | 69.929 | 69.693 | 71.670 | 69.845 | 61.356 | 54.666 | 69.939 | 59.268 | 58.058 | 60.955 | 67.302 | 62.569 | 54.278 | 63.538 | | | |
| 21 | 22 | 59.321 | 59.282 | 59.953 | 59.457 | 58.551 | 53.168 | 59.345 | 61.168 | 60.981 | 60.182 | 61.783 | 55.931 | 53.463 | 62.539 | 61.785 | 62.226 | 62.678 | 61.735 | 53.513 | 53.226 | 63.239 | 38.632 | 41.689 | 35.546 | 49.477 | 54.278 | 52.852 | 35.064 | | | |
| 22 | 23 | 52.240 | 52.678 | 53.221 | 52.785 | 46.704 | 30.904 | 50.735 | 53.807 | 51.316 | 50.274 | 52.040 | 45.678 | 30.899 | 52.355 | 52.542 | 53.516 | 53.453 | 53.424 | 45.059 | 32.505 | 50.181 | 42.067 | 40.388 | 31.012 | 51.481 | 47.038 | 33.499 | 36.641 | | | |
| 23 | 24 | 28.782 | 30.085 | 33.375 | 36.216 | 22.813 | 18.074 | 27.064 | 33.881 | 29.100 | 25.066 | 31.648 | 23.030 | 18.074 | 31.842 | 40.079 | 33.972 | 38.384 | 36.396 | 22.215 | 18.074 | 25.057 | 25.082 | 22.111 | 21.671 | 17.094 | 20.889 | 18.074 | 23.591 | | | |
| Total zi | | **808.609** | **804.388** | **829.091** | **864.290** | **948.070** | **700.351** | **1098.862** | **1036.416** | **923.507** | **1068.939** | **1081.499** | **980.841** | **680.076** | **1103.936** | **1085.665** | **1092.893** | **1043.932** | **927.366** | **895.555** | **663.664** | **825.859** | **787.788** | **780.792** | **759.921** | **772.163** | **917.709** | **565.125** | **793.332** | **0.000** | | |

| | |
|---|---|
| Total ore de gol | 4,055.876 |
| Total ore de zi | 20,784.763 |
| Total Luna | **24,840.639** |

Vanzator
SC Hidroelectrica SA

Cumparator
SC CEZ Vanzare SA

Societatea Comerciala CEZ VANZARE S.A. Directia

## Tabel 2.3 - cantitatile de energie electrica orare contractate in luna Martie 2011

Cantitati de energie electrica orare contractate in Martie 2011 — MWh

| Ora de la | pina la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 15.008 | 15.007 | 15.007 | 16.056 | 20.129 | 15.629 | 18.277 | 18.216 | 18.195 | 18.228 | 18.524 | 19.182 | 18.280 | 18.291 | 19.459 | 22.925 | 21.375 | 22.074 | 19.819 | 18.251 | 18.186 | 7.411 | 9.742 | 8.807 | 10.796 | 14.011 | 18.204 | 26.422 | 35.028 | 35.653 | 29.292 |
| 1 | 2 | 14.986 | 14.985 | 14.980 | 14.969 | 15.357 | 15.037 | 18.261 | 18.216 | 18.191 | 18.200 | 18.187 | 18.194 | 18.268 | 18.264 | 18.208 | 18.225 | 18.575 | 19.063 | 18.189 | 18.218 | 18.178 | 7.411 | 7.929 | 7.487 | 8.701 | 7.711 | 7.411 | 15.551 | 20.691 | 23.510 | 12.777 |
| 2 | 3 | 14.976 | 14.972 | 14.429 | 9.411 | 14.874 | 15.028 | 18.251 | 18.205 | 18.183 | 18.182 | 18.179 | 18.203 | 18.261 | 18.254 | 18.194 | 18.194 | 18.191 | 18.185 | 18.182 | 18.214 | 18.191 | 7.411 | 7.411 | 7.411 | 8.175 | 7.411 | 12.146 | 13.071 | 15.153 | 18.742 | 11.757 |
| 3 | 4 | 14.970 | 14.191 | 8.729 | 9.849 | 7.325 | 15.019 | 18.247 | 18.220 | 15.771 | 18.199 | 18.185 | 18.201 | 18.244 | 18.253 | 18.214 | 18.194 | 18.181 | 18.194 | 15.429 | 18.210 | 18.176 | 7.411 | 7.411 | 7.411 | 7.411 | 7.411 | 0.000 | 19.811 | 9.932 | 10.630 | 11.269 |
| 4 | 5 | 14.979 | 14.975 | 13.210 | 11.874 | 7.614 | 15.025 | 18.246 | 18.218 | 17.581 | 18.198 | 18.178 | 18.193 | 18.248 | 18.253 | 18.185 | 18.188 | 18.348 | 18.184 | 16.263 | 18.215 | 17.399 | 7.411 | 7.929 | 7.411 | 8.350 | 7.411 | 9.915 | 16.142 | 10.878 | 14.336 | 12.216 |
| 5 | 6 | 15.001 | 14.997 | 14.998 | 16.298 | 15.757 | 15.043 | 18.256 | 18.232 | 18.183 | 18.218 | 18.667 | 18.213 | 18.256 | 18.272 | 19.451 | 22.560 | 21.436 | 21.521 | 18.196 | 18.222 | 18.174 | 7.411 | 9.659 | 8.938 | 10.736 | 7.411 | 18.187 | 23.815 | 24.288 | 25.625 | 14.435 |
| 6 | 7 | 23.404 | 25.504 | 28.317 | 30.997 | 20.752 | 15.050 | 18.288 | 22.882 | 29.175 | 31.341 | 28.996 | 18.271 | 18.279 | 20.546 | 28.808 | 35.145 | 36.257 | 33.617 | 18.239 | 18.220 | 20.197 | 23.699 | 16.251 | 21.162 | 13.585 | 9.984 | 18.185 | 35.002 | 36.589 | 36.422 | 34.718 |
| 7 | 8 | 37.200 | 36.643 | 37.983 | 37.363 | 31.356 | 14.865 | 35.810 | 37.566 | 38.162 | 38.677 | 38.320 | 25.546 | 18.301 | 37.796 | 37.140 | 37.476 | 38.052 | 38.100 | 23.971 | 18.249 | 35.582 | 35.445 | 36.358 | 18.328 | 17.481 | 31.072 | 18.230 | 35.668 | 35.363 | 35.421 | 35.665 |
| 8 | 9 | 36.933 | 36.622 | 37.481 | 36.760 | 37.726 | 19.908 | 38.011 | 37.673 | 38.089 | 37.770 | 38.378 | 35.840 | 17.980 | 37.158 | 36.493 | 36.769 | 37.337 | 37.798 | 33.586 | 18.245 | 31.489 | 34.535 | 37.198 | 14.878 | 17.742 | 34.355 | 18.221 | 35.540 | 36.366 | 38.128 | 36.073 |
| 9 | 10 | 36.665 | 36.529 | 37.641 | 42.886 | 37.010 | 25.093 | 37.756 | 37.655 | 39.980 | 41.059 | 38.049 | 37.848 | 24.335 | 37.109 | 40.226 | 40.606 | 39.642 | 37.365 | 36.486 | 18.252 | 29.125 | 39.447 | 39.133 | 14.878 | 22.692 | 35.924 | 20.927 | 39.972 | 40.945 | 44.877 | 40.501 |
| 10 | 11 | 36.774 | 36.696 | 37.269 | 42.840 | 36.668 | 25.654 | 37.755 | 37.828 | 39.309 | 42.377 | 38.061 | 44.731 | 22.797 | 37.176 | 40.264 | 39.539 | 39.026 | 37.553 | 36.525 | 18.216 | 20.894 | 39.958 | 35.681 | 14.878 | 14.725 | 35.923 | 21.267 | 40.196 | 39.709 | 46.155 | 37.900 |
| 11 | 12 | 37.174 | 37.211 | 37.426 | 40.090 | 37.016 | 24.657 | 37.836 | 37.950 | 38.011 | 38.707 | 38.253 | 43.676 | 17.624 | 37.132 | 37.170 | 36.776 | 37.548 | 37.859 | 35.694 | 18.225 | 17.317 | 39.299 | 22.018 | 14.878 | 14.851 | 34.377 | 25.202 | 38.017 | 37.072 | 31.477 | 26.048 |
| 12 | 13 | 36.869 | 36.682 | 37.498 | 38.657 | 37.164 | 22.481 | 37.948 | 38.031 | 38.202 | 37.507 | 38.266 | 39.118 | 18.170 | 37.233 | 36.582 | 36.924 | 37.762 | 38.774 | 32.284 | 18.229 | 14.601 | 37.222 | 17.472 | 14.878 | 14.718 | 34.555 | 25.686 | 35.273 | 36.131 | 23.270 | 19.351 |
| 13 | 14 | 36.891 | 37.399 | 37.736 | 38.236 | 37.060 | 22.411 | 37.962 | 38.018 | 38.337 | 37.554 | 38.280 | 35.748 | 18.298 | 37.223 | 36.539 | 37.068 | 37.584 | 38.286 | 28.675 | 18.199 | 14.601 | 38.163 | 14.996 | 14.878 | 14.708 | 34.306 | 10.795 | 35.710 | 33.749 | 22.001 | 15.312 |
| 14 | 15 | 36.944 | 36.647 | 32.607 | 36.617 | 37.003 | 19.779 | 38.152 | 38.242 | 38.519 | 37.599 | 38.366 | 36.991 | 18.291 | 37.357 | 36.690 | 37.197 | 38.732 | 33.702 | 24.876 | 18.195 | 14.618 | 35.829 | 14.996 | 14.878 | 14.708 | 31.413 | 10.322 | 36.335 | 30.144 | 15.728 | 15.054 |
| 15 | 16 | 35.827 | 37.078 | 37.278 | 36.815 | 36.774 | 19.185 | 37.701 | 38.110 | 39.043 | 37.976 | 38.474 | 32.433 | 18.285 | 37.347 | 37.108 | 37.769 | 38.185 | 32.859 | 21.398 | 18.193 | 14.727 | 35.036 | 14.996 | 14.170 | 14.773 | 28.911 | 10.120 | 36.114 | 33.338 | 22.945 | 15.054 |
| 16 | 17 | 35.518 | 37.108 | 38.250 | 36.815 | 37.261 | 20.987 | 36.852 | 37.732 | 39.095 | 38.094 | 38.589 | 41.679 | 18.284 | 37.407 | 37.283 | 37.825 | 38.161 | 37.129 | 22.982 | 18.217 | 14.736 | 35.136 | 14.996 | 14.170 | 14.770 | 29.880 | 11.257 | 36.300 | 27.175 | 21.603 | 15.054 |
| 17 | 18 | 36.845 | 36.884 | 37.391 | 36.608 | 35.999 | 25.741 | 36.804 | 38.562 | 38.466 | 37.786 | 38.353 | 47.323 | 22.567 | 37.275 | 37.109 | 37.622 | 38.091 | 38.275 | 27.130 | 18.246 | 14.736 | 34.837 | 18.010 | 14.485 | 14.708 | 33.029 | 30.211 | 33.770 | 22.486 | 16.155 | 15.054 |
| 18 | 19 | 36.880 | 37.809 | 46.464 | 45.132 | 62.248 | 61.076 | 54.536 | 38.829 | 45.187 | 44.601 | 40.195 | 63.724 | 57.281 | 36.881 | 43.500 | 42.600 | 38.671 | 37.655 | 38.402 | 24.667 | 34.685 | 44.966 | 34.943 | 35.048 | 34.973 | 35.619 | 34.339 | 36.542 | 35.820 | 26.571 | 15.054 |
| 19 | 20 | 51.263 | 55.594 | 50.480 | 57.765 | 77.313 | 62.029 | 74.082 | 72.959 | 69.552 | 71.685 | 74.342 | 66.616 | 62.946 | 75.131 | 78.840 | 61.436 | 68.198 | 52.089 | 65.588 | 62.268 | 44.496 | 49.479 | 49.693 | 44.898 | 47.290 | 63.703 | 58.404 | 35.684 | 36.037 | 35.374 | 36.563 |
| 20 | 21 | 47.633 | 44.099 | 44.367 | 47.487 | 76.592 | 62.029 | 49.757 | 47.932 | 57.497 | 44.200 | 59.858 | 63.141 | 62.188 | 76.810 | 59.815 | 49.525 | 52.268 | 46.808 | 66.719 | 62.268 | 44.174 | 49.851 | 49.398 | 47.393 | 49.783 | 70.477 | 58.522 | 49.488 | 49.839 | 49.586 | 50.226 |
| 21 | 22 | 36.307 | 39.056 | 38.876 | 43.518 | 58.615 | 62.458 | 36.249 | 37.941 | 35.966 | 39.807 | 36.173 | 63.141 | 60.382 | 37.813 | 42.305 | 45.308 | 45.209 | 39.501 | 61.980 | 59.326 | 35.589 | 44.421 | 43.888 | 41.063 | 43.571 | 33.612 | 33.995 | 48.343 | 48.650 | 48.133 | 46.847 |
| 22 | 23 | 35.572 | 37.441 | 37.453 | 37.924 | 43.853 | 54.545 | 35.207 | 38.552 | 37.881 | 38.015 | 37.558 | 58.468 | 39.700 | 37.405 | 37.506 | 38.168 | 38.377 | 38.258 | 42.110 | 29.640 | 35.931 | 35.700 | 35.614 | 35.832 | 35.276 | 35.741 | 35.724 | 35.751 | 37.469 | 36.119 | 35.983 |
| 23 | 24 | 21.109 | 26.296 | 26.132 | 32.896 | 25.631 | 18.187 | 21.787 | 27.044 | 25.689 | 26.015 | 26.778 | 28.199 | 18.161 | 30.440 | 33.447 | 34.811 | 31.991 | 31.169 | 19.841 | 18.267 | 18.772 | 34.225 | 34.883 | 25.487 | 34.427 | 26.167 | 22.937 | 36.389 | 36.350 | 35.920 | 36.299 |
| **Total zi** | | **745.748** | **760.425** | **762.002** | **797.863** | **847.097** | **666.916** | **812.031** | **812.823** | **832.264** | **829.995** | **835.209** | **892.679** | **643.426** | **834.826** | **848.536** | **840.850** | **847.197** | **804.018** | **742.564** | **584.452** | **564.574** | **731.714** | **580.605** | **463.647** | **488.950** | **690.414** | **530.207** | **794.906** | **769.202** | **714.381** | **618.502** |

| | |
|---|---|
| Total ore de gol | 4,990.107 |
| Total ore de zi | 17,697.916 |
| Total Luna | **22,688.023** |

Vanzator
SC Hidroelectrica SA

Cumparator
SC CEZ Vanzare SA

**Act Aditional nr 14**
**La Contract de vânzare -cumpărare a energiei electrice**
**Nr. 15 din data 03.01.2011**

E203A / 30.12.2016

**Părţile contractante**

Hidroelectrica SA, ***producător*** de energie electrică, societate administrată în sistem dualist, cu sediul în Bucuresti, Bd. Ion Mihalache, nr. 15 – 17, sector 1, telefon 021.303.25.29, fax 021.303.25.64, înscrisă în Registrul Comerţului la nr. J40/7426/2000, CUI RO13267213, cont de virament nr. RO 69 BRDE 410S V417 8215 4100, deschis la BRD Groupe Societe Generale, Sucursala Academiei, titular al licenţei ANRE de producere nr. 332/24.07.2001, cod EIC 30XROHIDRO-----1, reprezentată legal prin Ovidiu AGLICERU - Preşedinte Directorat, desemnat prin Hotărârea Consiliului de Supraveghere nr. 6/01.07.2016, Petronel CHIRIAC - Membru Directorat desemnat prin Hotărârea Consiliului de Supraveghere nr. 5/01.07.2016 şi Iulian TUDOR - Membru Directorat, desemnat prin Hotărârea Consiliului de Supraveghere nr. 4/01.07.2016, hotărâri completate prin Hotărârea Consiliului de Supraveghere nr. 62/28.10.2016, având calitatea de **vânzător**, pe de o parte,

şi

S.C. CEZ VANZARE S.A., ***furnizor***, societate administrată în sistem dualist, cu sediul în Craiova str. Calea Severinului, nr. 97, etaj 1, jud. Dolj, cod poştal 200769, telefon 0251.21.60.01, fax 0251.21.60.02, înmatriculat în registrul comerţului Craiova, la nr. J16/517/14.03.2007, CUI 21349608, cont de virament nr. RO 23 BRDE 170S V285 1197 1700 deschis la BRD – sucursala Craiova, reprezentata legal prin Cornelia SZABO, Presedinte al Directoratului si Marius CIMPEANU, Membru al Directoratului, având calitatea de **cumpărător**, pe de altă parte,

Ca urmare a Deciziei ANRE nr. 1959/14.12.2016 şi în baza prevederilor Art. 30 din contract, părţile convin încheierea prezentului Act Adiţional.

**Art. 1**. Se completeaza contractul cu Anexele 2 şi 2.1 la prezentul Act Aditional.
**Art. 2.** Se completeaza contractul cu Tabelele 2.1 ÷ 2.12. continand cantitatile de energie electrica contractate lunar pe IBD-uri pentru lunile ianuarie ÷ decembrie 2017 aferente CHE cu Pi>100 MW la prezentul Act Aditional .
**Art. 3.** Se completeaza contractul cu Tabelele 2.1 ÷ 2.12. continand cantitatile de energie electrica contractate lunar pe IBD-uri pentru lunile ianuarie ÷ decembrie 2017 aferente CHE cu 10 MW< Pi<100 MW la prezentul Act Aditional.
**Art. 4**. Anexa 3 la contract se înlocuieşte cu Anexa 3 la prezentul Act Adițional.
**Art. 5**. Prezentul Act Adiţional intra in vigoare începând cu data de 01 Ianuarie 2017.
**Art. 6.** Toate celelalte prevederi contractuale rămân neschimbate.
**Art. 7**. Prezentul Act Adiţional face parte integrantă din "Contractul de vânzare - cumpărare de energie electrica nr. 15 din 03.01.2011".
**Art. 8.** Prezentul Act Adiţional a fost semnat în data de 30.12.2016.

| | |
|---|---|
| **Vânzător** | **Cumpărător** |
| **Hidroelectrica SA** | **S.C. CEZ Vanzare S.A.** |
| **Ovidiu AGLICERU** | **Cornelia Szabo** |
| **Preşedinte Directorat** | **Preşedinte al Directoratului** |
| **Iulian TUDOR** | **Marius Cîmpeanu** |
| **Membru Directorat** | **Membru al Directoratului** |

**Anexa 3**

**PREŢURI DE CONTRACT**

Pretul de contract pentru orele de noapte este de 133,14 lei/MWh, reprezentand pretul reglementat, aprobat prin decizia presedintelui ANRE nr. 1959/14.12.2016 pentru energia electrica produsa in hidrocentrale cu 10<Pi<100 MW.

Pretul de contract pentru orele de zi este de 182,40 lei/MWh, reprezentand pretul reglementat, aprobat prin decizia presedintelui ANRE nr. 1959/14.12.2016, pentru energia electrica produsa in hidrocentrale cu 10<Pi<100 MW.

Pretul de contract pentru orele de noapte este de 44,97 lei/MWh, reprezentand pretul reglementat, aprobat prin decizia presedintelui ANRE nr. 1959/14.12.2016, pentru energia electrica produsa in hidrocentrale cu Pi>100 MW.

Pretul de contract pentru orele de zi este de 61,60 lei/MWh, reprezentand pretul reglementat, aprobat prin decizia presedintelui ANRE nr. 1959/14.12.2016, pentru energia electrica produsa in hidrocentrale cu Pi>100 MW.

Orele de noapte sunt: $22^{00}$-$6^{00}$ aprobate prin Ordinul presedintelui ANRE nr. 24/2005
Orele de zi sunt: $6^{00}$-$22^{00}$ aprobate prin Ordinul presedintelui ANRE nr. 24/2005

Pretul de contract se aplica pentru fiecare tranzactie orara din prezentul contract si nu contine TVA.

**Vânzător**
**Hidroelectrica SA**

**Ovidiu AGLICERU**
**Preşedinte Directorat**

**Iulian TUDOR**
**Membru Directorat**

**Cumpărător**
**S.C. CEZ Vanzare S.A.**

**Cornelia Szabo**
**Preşedinte al Directoratului**

**Marius Cîmpeanu**
**Membru al Directoratului**

**Anexa 2**

**CANTITATI DE ENERGIE ELECTRICA CONTRACTATE PENTRU ANUL 2017**

Tabel 2.0 - Cantitati de energie electrica contractate lunar

| Nr.crt. | Anul 2017 Luna | MWh<br>Cantitate de energie electrica pentru CHE cu 10<Pi<100 MW | MWh<br>Cantitate de energie electrica pentru CHE cu Pi>100 MW |
|---|---|---|---|
| 1 | Ianuarie | 3,532.715 | 10,954.368 |
| 2 | Februarie | 4,291.933 | 13,308.512 |
| 3 | Martie | 5,213.087 | 16,164.915 |
| 4 | Aprilie | 5,158.373 | 15,995.239 |
| 5 | Mai | 5,241.715 | 16,253.676 |
| 6 | Iunie | 5,144.572 | 15,952.482 |
| 7 | Iulie | 2,019.092 | 6,260.873 |
| 8 | August | 1,821.533 | 5,648.255 |
| 9 | Septembrie | 1,900.692 | 5,893.763 |
| 10 | Octombrie | 2,357.902 | 7,311.496 |
| 11 | Noiembrie | 2,399.768 | 7,441.223 |
| 12 | Decembrie | 2,523.701 | 7,825.603 |
| **Total perioada** | | **41,605.083** | **129,010.405** |

Nota:
1.Tabelele 2.0-2.12 se completeaza conform datelor transmise de ANRE si pe perioada stabilita de aceasta.

1. Tabelul 2.0 se completeaza la semnarea contractului sau la modificarea cantitatilor de energie electrica reglementate de catre ANRE.

3. Tabelele 2.....2.12 se convin si se completeaza de Parti cu cel putin 5 zile inainte de inceputul fiecarei luni calendaristice, pornind de la referinta orara transmisa de ANRE. In absenta intelegerii partilor privind cantitatile orare, referinta orara transmisa de catre ANRE este obligatorie.

Hidroelectrica SA

SC CEZ Vanzare SA

**Anexa 2.1**

**CANTITATI DE ENERGIE ELECTRICA CONTRACTATE PENTRU ANUL 2017**
**PENTRU 10<Pi<100MWh**

| Nr.crt. | Anul 2017 Luna | Cantitate de energie electrica [MWh] | Valoare contractata [lei] |
|---|---|---|---|
| 1 | Ianuarie | 3,532.715 | 605,335.80 |
| 2 | Februarie | 4,291.933 | 728,952.33 |
| 3 | Martie | 5,213.087 | 877,577.01 |
| 4 | Aprilie | 5,158.373 | 861,866.71 |
| 5 | Mai | 5,241.715 | 875,755.61 |
| 6 | Iunie | 5,144.572 | 867,262.88 |
| 7 | Iulie | 2,019.092 | 340,219.50 |
| 8 | August | 1,821.533 | 308,937.68 |
| 9 | Septembrie | 1,900.692 | 323,367.37 |
| 10 | Octombrie | 2,357.902 | 399,017.48 |
| 11 | Noiembrie | 2,399.768 | 410,357.89 |
| 12 | Decembrie | 2,523.701 | 427,551.37 |
| **Total perioada** | | **41,605.083** | **7,026,201.63** |

**CANTITATI DE ENERGIE ELECTRICA CONTRACTATE PENTRU ANUL 2017**
**PENTRU Pi>100MWh**

| Nr.crt. | Anul 2017 Luna | Cantitate de energie electrica [MWh] | Valoare contractata [lei] |
|---|---|---|---|
| 1 | Ianuarie | 10,954.368 | 633,929.45 |
| 2 | Februarie | 13,308.512 | 763,384.34 |
| 3 | Martie | 16,164.915 | 919,036.63 |
| 4 | Aprilie | 15,995.239 | 902,586.06 |
| 5 | Mai | 16,253.676 | 917,131.43 |
| 6 | Iunie | 15,952.482 | 908,235.66 |
| 7 | Iulie | 6,260.873 | 356,292.78 |
| 8 | August | 5,648.255 | 323,531.33 |
| 9 | Septembrie | 5,893.763 | 338,644.54 |
| 10 | Octombrie | 7,311.496 | 417,868.90 |
| 11 | Noiembrie | 7,441.223 | 429,738.64 |
| 12 | Decembrie | 7,825.603 | 447,750.58 |
| **Total perioada** | | **129,010.405** | **7,358,130.34** |

Hidroelectrica SA

SC CEZ Vanzare SA

**Tabel 2.1 - cantitatile de energie electrica orare contractate in luna lanuarie 2017**

**Cantitati de energie electrica orare contractate in lanuarie 2017**

MWh

| Ora de la | Ora pana la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 31.865 | 15.166 | 16.543 | 15.035 | 11.605 | 9.557 | 9.698 | 11.051 | 8.941 | 6.203 | 5.944 | 4.506 | 6.212 | 8.236 | 9.589 | 9.013 | 8.520 | 10.542 | 11.906 | 10.972 | 13.427 | 15.396 | 12.987 | 11.258 | 9.478 | 8.357 | 6.165 | 6.863 | 9.350 | 8.018 | 4.636 |
| 1 | 2 | 27.074 | 13.129 | 14.322 | 12.016 | 8.854 | 7.979 | 7.194 | 8.258 | 6.654 | 4.080 | 3.676 | 3.041 | 3.839 | 5.668 | 6.512 | 7.025 | 6.462 | 8.897 | 9.622 | 8.780 | 10.754 | 13.007 | 11.177 | 9.217 | 7.002 | 5.777 | 4.019 | 4.394 | 7.349 | 5.725 | 2.708 |
| 2 | 3 | 23.357 | 11.975 | 12.366 | 11.174 | 7.703 | 6.645 | 6.337 | 6.840 | 5.739 | 3.213 | 2.812 | 2.221 | 3.251 | 5.007 | 4.590 | 6.029 | 5.856 | 8.271 | 8.866 | 7.979 | 9.866 | 12.350 | 10.370 | 8.328 | 6.304 | 5.103 | 3.337 | 3.772 | 6.340 | 4.898 | 2.246 |
| 3 | 4 | 20.481 | 11.472 | 12.015 | 10.736 | 7.308 | 5.934 | 5.970 | 6.364 | 5.184 | 2.860 | 2.373 | 1.663 | 3.046 | 3.307 | 3.991 | 5.881 | 6.227 | 8.254 | 9.205 | 7.964 | 9.242 | 11.964 | 10.448 | 8.046 | 6.127 | 4.487 | 2.904 | 3.381 | 5.667 | 4.333 | 2.113 |
| 4 | 5 | 18.307 | 11.450 | 11.871 | 11.279 | 7.355 | 6.031 | 5.774 | 6.384 | 5.366 | 3.238 | 2.521 | 1.964 | 3.473 | 3.760 | 3.993 | 5.746 | 6.483 | 8.862 | 9.665 | 8.371 | 9.605 | 12.236 | 10.987 | 8.349 | 6.437 | 4.751 | 3.021 | 3.562 | 5.738 | 4.875 | 2.609 |
| 5 | 6 | 17.051 | 11.653 | 12.302 | 13.212 | 8.676 | 7.471 | 6.767 | 6.878 | 7.342 | 4.737 | 4.072 | 3.387 | 4.952 | 5.554 | 4.986 | 7.271 | 8.350 | 11.297 | 11.911 | 10.288 | 11.202 | 13.288 | 13.149 | 10.137 | 8.186 | 6.828 | 5.165 | 4.674 | 6.437 | 7.018 | 4.267 |
| 6 | 7 | 16.976 | 13.611 | 14.376 | 16.089 | 11.805 | 10.057 | 10.161 | 9.613 | 11.188 | 9.206 | 8.810 | 8.873 | 10.173 | 8.575 | 6.836 | 11.933 | 12.898 | 15.428 | 16.183 | 14.263 | 14.833 | 15.504 | 17.548 | 14.577 | 12.458 | 11.519 | 9.638 | 8.370 | 9.117 | 11.659 | 8.529 |
| 7 | 8 | 18.524 | 17.395 | 18.174 | 19.277 | 13.406 | 10.787 | 13.776 | 12.331 | 13.085 | 11.551 | 10.784 | 11.730 | 12.281 | 11.711 | 8.927 | 12.709 | 16.388 | 18.652 | 19.237 | 17.485 | 19.160 | 19.569 | 19.674 | 17.081 | 14.110 | 13.110 | 11.576 | 11.476 | 11.522 | 11.657 | 9.088 |
| 8 | 9 | 19.841 | 21.655 | 22.583 | 20.888 | 15.796 | 12.125 | 18.060 | 15.533 | 10.867 | 10.264 | 8.144 | 10.210 | 11.013 | 15.569 | 10.466 | 10.974 | 15.642 | 16.695 | 17.894 | 16.054 | 23.591 | 23.772 | 17.966 | 15.409 | 12.150 | 10.780 | 8.965 | 14.969 | 15.239 | 11.459 | 6.064 |
| 9 | 10 | 19.936 | 25.067 | 25.103 | 22.538 | 15.610 | 11.411 | 20.417 | 16.306 | 9.291 | 9.711 | 7.128 | 6.663 | 9.538 | 18.910 | 12.567 | 10.338 | 13.710 | 15.143 | 16.009 | 13.802 | 25.052 | 25.100 | 17.382 | 13.186 | 9.918 | 8.488 | 6.796 | 14.668 | 15.172 | 9.935 | 2.505 |
| 10 | 11 | 20.050 | 26.342 | 26.101 | 23.639 | 16.430 | 12.552 | 22.138 | 16.866 | 8.234 | 10.337 | 6.821 | 5.786 | 9.686 | 19.595 | 12.538 | 9.876 | 12.634 | 13.638 | 14.616 | 11.772 | 24.980 | 24.964 | 13.821 | 11.612 | 9.280 | 6.346 | 4.555 | 13.588 | 14.906 | 8.243 | 0.362 |
| 11 | 12 | 20.437 | 26.454 | 26.800 | 24.340 | 15.554 | 12.709 | 22.218 | 17.665 | 9.253 | 9.620 | 5.639 | 5.997 | 7.823 | 20.252 | 13.953 | 9.873 | 10.908 | 12.105 | 13.014 | 11.599 | 24.024 | 24.691 | 14.336 | 11.658 | 8.868 | 4.756 | 3.909 | 13.724 | 13.739 | 6.078 | 0.000 |
| 12 | 13 | 20.237 | 26.114 | 26.584 | 23.119 | 14.820 | 11.278 | 21.611 | 17.338 | 7.587 | 8.676 | 4.633 | 5.664 | 8.309 | 19.128 | 13.828 | 8.978 | 9.280 | 10.191 | 13.326 | 11.703 | 23.553 | 23.708 | 13.431 | 9.844 | 7.377 | 5.467 | 3.925 | 12.904 | 13.372 | 2.844 | 0.000 |
| 13 | 14 | 19.362 | 24.412 | 25.593 | 22.034 | 13.015 | 10.594 | 20.515 | 17.164 | 6.171 | 6.574 | 4.404 | 5.318 | 9.817 | 18.987 | 12.312 | 8.967 | 9.285 | 11.659 | 12.255 | 11.145 | 21.536 | 21.837 | 12.809 | 10.422 | 6.909 | 4.524 | 5.795 | 12.064 | 13.616 | 1.902 | 0.000 |
| 14 | 15 | 18.744 | 23.598 | 24.860 | 21.666 | 12.640 | 10.303 | 19.789 | 17.241 | 6.801 | 6.721 | 4.465 | 5.655 | 10.864 | 18.931 | 13.189 | 9.388 | 9.343 | 10.882 | 12.083 | 10.973 | 21.949 | 20.934 | 13.340 | 10.279 | 7.191 | 4.612 | 5.228 | 12.728 | 13.761 | 1.037 | 0.454 |
| 15 | 16 | 18.789 | 24.206 | 25.222 | 22.644 | 13.171 | 10.864 | 20.102 | 17.896 | 7.606 | 7.875 | 4.551 | 5.739 | 12.222 | 19.940 | 14.315 | 9.482 | 9.875 | 11.259 | 12.729 | 12.227 | 22.169 | 21.173 | 13.281 | 10.686 | 8.121 | 6.998 | 6.797 | 13.105 | 15.229 | 2.705 | 1.549 |
| 16 | 17 | 22.159 | 27.245 | 28.506 | 26.399 | 16.412 | 14.212 | 22.529 | 21.065 | 11.657 | 11.158 | 7.748 | 9.875 | 15.570 | 22.660 | 17.759 | 12.014 | 12.721 | 14.974 | 15.178 | 15.444 | 24.698 | 23.136 | 16.305 | 13.045 | 11.199 | 10.383 | 10.427 | 15.299 | 17.225 | 5.630 | 4.166 |
| 17 | 18 | 31.820 | 35.237 | 35.649 | 32.689 | 24.368 | 23.640 | 28.830 | 26.142 | 19.014 | 18.317 | 16.793 | 15.981 | 20.141 | 26.923 | 23.742 | 19.990 | 21.328 | 22.254 | 21.910 | 22.873 | 30.471 | 28.942 | 23.120 | 19.674 | 18.648 | 17.511 | 18.577 | 19.821 | 21.608 | 12.204 | 10.567 |
| 18 | 19 | 33.885 | 37.983 | 36.937 | 33.909 | 26.630 | 28.610 | 32.250 | 29.052 | 23.204 | 23.745 | 21.602 | 22.228 | 23.968 | 28.355 | 28.670 | 25.653 | 28.252 | 28.469 | 27.137 | 28.117 | 36.307 | 35.025 | 28.783 | 26.304 | 25.831 | 24.637 | 24.683 | 26.496 | 26.362 | 21.069 | 18.975 |
| 19 | 20 | 32.806 | 36.739 | 35.518 | 33.396 | 25.899 | 27.991 | 30.874 | 27.975 | 24.185 | 23.259 | 22.208 | 23.308 | 24.104 | 30.016 | 28.098 | 26.121 | 29.029 | 27.948 | 28.136 | 28.861 | 35.063 | 34.555 | 29.486 | 26.969 | 27.191 | 25.651 | 24.770 | 26.710 | 24.074 | 23.193 | 20.262 |
| 20 | 21 | 31.247 | 33.109 | 32.795 | 29.977 | 22.800 | 24.951 | 27.787 | 25.692 | 21.335 | 20.892 | 17.846 | 21.303 | 21.332 | 25.877 | 25.698 | 23.738 | 25.543 | 25.626 | 24.987 | 26.282 | 32.206 | 31.671 | 26.179 | 24.439 | 23.803 | 22.094 | 21.296 | 24.509 | 21.972 | 19.563 | 18.022 |
| 21 | 22 | 26.052 | 28.203 | 28.433 | 25.161 | 20.202 | 20.569 | 23.548 | 21.348 | 16.918 | 17.184 | 14.591 | 17.289 | 18.464 | 21.557 | 21.701 | 20.161 | 21.902 | 21.457 | 20.926 | 23.307 | 27.169 | 26.701 | 22.206 | 20.216 | 19.435 | 18.242 | 17.169 | 20.864 | 18.092 | 15.399 | 13.861 |
| 22 | 23 | 23.009 | 24.322 | 24.683 | 20.942 | 17.131 | 17.387 | 19.615 | 17.741 | 12.471 | 14.929 | 12.395 | 15.057 | 16.354 | 17.542 | 18.279 | 16.332 | 19.003 | 19.920 | 18.711 | 21.095 | 23.239 | 22.541 | 19.808 | 18.180 | 16.337 | 14.606 | 14.522 | 16.434 | 14.937 | 11.209 | 12.172 |
| 23 | 24 | 20.119 | 20.050 | 19.821 | 16.966 | 13.423 | 12.995 | 14.701 | 13.635 | 9.786 | 9.890 | 8.560 | 10.201 | 11.920 | 13.769 | 12.945 | 11.764 | 14.683 | 15.486 | 14.023 | 16.406 | 19.226 | 17.999 | 15.108 | 13.596 | 12.536 | 11.271 | 10.009 | 13.036 | 10.753 | 7.815 | 7.675 |
| Total zi | | **552.128** | **546.587** | **557.157** | **509.125** | **360.613** | **326.652** | **430.661** | **386.378** | **267.879** | **254.240** | **208.520** | **223.659** | **278.352** | **389.829** | **329.484** | **299.256** | **334.322** | **367.909** | **379.529** | **367.762** | **513.322** | **520.063** | **403.701** | **342.512** | **294.896** | **256.298** | **233.248** | **317.411** | **331.577** | **218.468** | **152.830** |

| | |
|---|---|
| Total luna ore de noapte | 2,456.983 |
| Total luna ore de zi | 8,497.385 |
| Total luna = | **10,954.368** |

Vanzator
Hidroelectrica SA

Cumparator
SC CEZ VANZARE SA

## Tabel 2.2 - cantitatile de energie electrica orare contractate in luna Februarie 2017

Cantitati de energie electrica orare contractate in Februarie 2017

MWh

| Ora de la | Ora la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 14.459 | 14.487 | 15.101 | 17.586 | 20.186 | 18.569 | 17.259 | 15.528 | 15.354 | 16.343 | 16.522 | 18.231 | 17.208 | 14.824 | 12.206 | 13.128 | 14.002 | 16.075 | 19.499 | 17.516 | 13.113 | 11.807 | 13.333 | 14.035 | 15.214 | 18.751 | 16.463 | 13.259 |
| 1 | 2 | 12.066 | 11.466 | 12.655 | 14.830 | 17.392 | 15.357 | 14.012 | 12.698 | 12.558 | 13.051 | 13.414 | 15.113 | 14.160 | 11.960 | 9.228 | 10.162 | 11.381 | 12.811 | 16.058 | 14.110 | 10.227 | 9.218 | 10.850 | 11.437 | 12.507 | 15.824 | 13.889 | 11.032 |
| 2 | 3 | 12.059 | 10.497 | 11.891 | 13.772 | 16.257 | 14.584 | 12.887 | 11.395 | 11.115 | 11.825 | 12.335 | 14.009 | 12.954 | 10.264 | 7.678 | 8.885 | 10.132 | 11.003 | 14.863 | 13.329 | 9.778 | 7.975 | 9.588 | 10.808 | 11.174 | 14.483 | 12.837 | 10.177 |
| 3 | 4 | 11.409 | 10.207 | 11.412 | 13.490 | 16.285 | 14.031 | 12.859 | 10.767 | 10.718 | 11.230 | 11.643 | 12.990 | 11.589 | 10.161 | 7.627 | 8.617 | 10.088 | 10.229 | 14.102 | 12.669 | 9.113 | 7.590 | 9.310 | 10.116 | 11.018 | 13.736 | 12.371 | 9.966 |
| 4 | 5 | 11.956 | 10.818 | 12.044 | 13.528 | 16.181 | 14.433 | 12.766 | 11.184 | 11.152 | 11.401 | 11.896 | 13.021 | 11.996 | 10.023 | 7.348 | 9.202 | 10.301 | 10.978 | 14.132 | 13.288 | 9.745 | 7.772 | 9.472 | 10.407 | 11.356 | 13.443 | 12.700 | 10.192 |
| 5 | 6 | 14.577 | 12.980 | 14.001 | 15.072 | 17.459 | 16.635 | 15.212 | 13.369 | 12.986 | 13.513 | 13.245 | 14.015 | 14.903 | 12.199 | 9.891 | 11.240 | 12.401 | 12.412 | 14.892 | 15.187 | 11.510 | 10.247 | 11.965 | 12.757 | 12.941 | 14.701 | 15.031 | 12.480 |
| 6 | 7 | 20.270 | 18.755 | 18.086 | 19.404 | 20.498 | 20.434 | 19.345 | 18.035 | 17.414 | 17.333 | 17.734 | 17.093 | 19.874 | 18.069 | 14.696 | 16.708 | 17.731 | 16.708 | 17.211 | 20.238 | 17.566 | 14.995 | 17.356 | 18.751 | 16.773 | 16.835 | 20.243 | 18.407 |
| 7 | 8 | 22.061 | 20.615 | 18.649 | 23.832 | 24.051 | 20.463 | 20.723 | 19.201 | 17.915 | 17.563 | 20.840 | 21.034 | 19.151 | 17.256 | 14.335 | 14.980 | 15.551 | 18.865 | 20.938 | 18.500 | 17.134 | 15.932 | 17.941 | 17.652 | 21.620 | 20.908 | 21.361 | 18.017 |
| 8 | 9 | 21.019 | 21.053 | 21.447 | 27.976 | 27.191 | 20.642 | 21.046 | 19.289 | 17.628 | 17.619 | 26.474 | 25.424 | 17.560 | 15.202 | 12.410 | 14.124 | 17.239 | 24.208 | 24.970 | 17.533 | 15.387 | 13.976 | 14.454 | 15.864 | 24.845 | 24.620 | 17.787 | 12.415 |
| 9 | 10 | 18.793 | 21.087 | 21.141 | 29.323 | 27.334 | 19.536 | 22.132 | 19.692 | 17.806 | 15.388 | 30.601 | 27.216 | 17.191 | 14.079 | 12.331 | 14.123 | 15.350 | 26.892 | 25.070 | 12.803 | 12.807 | 11.156 | 13.779 | 14.039 | 26.933 | 26.408 | 15.213 | 8.357 |
| 10 | 11 | 17.881 | 22.374 | 21.740 | 28.973 | 27.419 | 17.711 | 20.666 | 19.967 | 16.034 | 14.565 | 32.570 | 26.970 | 16.203 | 12.754 | 12.561 | 14.308 | 15.565 | 27.272 | 24.892 | 12.396 | 11.430 | 9.422 | 13.884 | 13.742 | 28.211 | 27.518 | 15.154 | 6.058 |
| 11 | 12 | 16.524 | 22.397 | 21.961 | 27.907 | 26.740 | 16.959 | 18.606 | 19.852 | 15.427 | 13.148 | 33.391 | 26.930 | 16.310 | 10.288 | 12.347 | 14.092 | 14.478 | 26.483 | 24.027 | 11.260 | 9.714 | 8.350 | 11.510 | 11.394 | 27.990 | 28.268 | 13.050 | 1.863 |
| 12 | 13 | 15.103 | 21.293 | 19.697 | 26.613 | 25.477 | 16.580 | 16.440 | 18.755 | 14.557 | 11.563 | 30.865 | 24.047 | 13.877 | 5.056 | 9.582 | 14.090 | 13.283 | 24.858 | 24.033 | 9.749 | 8.383 | 7.040 | 11.310 | 9.121 | 27.233 | 27.276 | 12.416 | 0.000 |
| 13 | 14 | 14.159 | 20.253 | 18.924 | 24.799 | 24.242 | 14.350 | 15.581 | 18.006 | 15.716 | 10.870 | 29.716 | 21.331 | 13.571 | 5.599 | 9.498 | 15.317 | 14.209 | 24.281 | 21.825 | 8.271 | 7.397 | 7.628 | 10.701 | 8.103 | 27.468 | 26.417 | 11.715 | 0.029 |
| 14 | 15 | 13.677 | 19.509 | 18.496 | 23.976 | 23.728 | 14.045 | 14.308 | 17.589 | 15.403 | 11.518 | 30.119 | 19.894 | 12.359 | 4.775 | 8.754 | 15.831 | 14.623 | 23.243 | 19.605 | 8.300 | 7.115 | 9.526 | 9.930 | 11.302 | 27.262 | 25.162 | 12.118 | 2.375 |
| 15 | 16 | 13.250 | 21.054 | 17.945 | 24.919 | 23.645 | 14.468 | 13.478 | 19.359 | 15.780 | 13.882 | 31.076 | 18.778 | 10.903 | 4.858 | 11.823 | 16.036 | 14.957 | 22.617 | 20.094 | 8.152 | 7.839 | 10.173 | 9.735 | 11.999 | 28.744 | 25.316 | 11.962 | 4.534 |
| 16 | 17 | 15.929 | 24.293 | 20.148 | 27.416 | 25.520 | 16.038 | 16.567 | 22.247 | 18.070 | 18.648 | 33.807 | 20.832 | 13.690 | 5.824 | 14.431 | 18.347 | 16.938 | 24.220 | 22.439 | 9.749 | 9.566 | 12.768 | 12.108 | 13.334 | 32.167 | 27.386 | 13.550 | 6.812 |
| 17 | 18 | 24.049 | 31.861 | 25.924 | 32.908 | 30.681 | 23.179 | 23.416 | 27.899 | 23.446 | 23.192 | 37.470 | 25.885 | 18.514 | 10.921 | 20.161 | 21.966 | 18.896 | 27.180 | 25.726 | 15.347 | 14.862 | 15.908 | 17.417 | 18.344 | 35.920 | 31.012 | 17.687 | 11.627 |
| 18 | 19 | 34.824 | 38.558 | 36.690 | 44.978 | 41.609 | 36.913 | 36.598 | 35.583 | 32.443 | 34.614 | 42.530 | 39.052 | 30.832 | 23.383 | 27.495 | 30.241 | 29.147 | 37.942 | 37.127 | 27.121 | 28.914 | 27.051 | 30.560 | 30.110 | 42.252 | 39.058 | 28.487 | 23.880 |
| 19 | 20 | 36.489 | 36.683 | 38.563 | 46.717 | 42.831 | 39.256 | 39.136 | 38.276 | 36.229 | 38.719 | 41.628 | 42.527 | 35.885 | 29.241 | 33.531 | 33.674 | 34.082 | 41.118 | 42.406 | 34.350 | 34.136 | 36.761 | 37.308 | 36.873 | 44.563 | 42.229 | 35.923 | 35.224 |
| 20 | 21 | 32.823 | 33.004 | 35.047 | 42.376 | 39.398 | 34.856 | 35.545 | 34.157 | 34.195 | 35.035 | 38.070 | 39.024 | 32.958 | 27.249 | 31.329 | 29.383 | 30.420 | 41.473 | 39.391 | 31.304 | 33.190 | 32.079 | 34.604 | 34.293 | 40.165 | 39.185 | 32.523 | 32.697 |
| 21 | 22 | 26.920 | 28.304 | 31.166 | 35.895 | 35.830 | 28.843 | 30.212 | 29.285 | 28.527 | 28.891 | 32.766 | 32.595 | 27.311 | 23.654 | 24.889 | 25.091 | 25.316 | 36.269 | 34.462 | 25.198 | 26.305 | 27.003 | 28.083 | 28.590 | 35.051 | 34.216 | 27.037 | 26.445 |
| 22 | 23 | 22.822 | 24.140 | 26.923 | 29.746 | 31.343 | 25.553 | 25.575 | 25.433 | 25.282 | 26.417 | 27.987 | 26.770 | 23.651 | 19.506 | 20.587 | 22.540 | 22.511 | 29.728 | 26.620 | 23.249 | 19.971 | 22.347 | 25.122 | 24.902 | 27.795 | 28.891 | 21.130 | 20.252 |
| 23 | 24 | 19.122 | 20.085 | 22.036 | 22.533 | 25.035 | 20.487 | 19.920 | 20.025 | 21.177 | 20.934 | 22.730 | 20.296 | 18.237 | 16.183 | 16.224 | 16.236 | 19.647 | 25.026 | 19.663 | 17.889 | 16.262 | 17.930 | 18.908 | 17.622 | 23.127 | 21.952 | 18.373 | 14.235 |
| Total zi | | **462.241** | **515.773** | **511.687** | **628.569** | **626.332** | **493.922** | **494.289** | **497.591** | **456.932** | **447.262** | **639.429** | **563.077** | **440.887** | **333.328** | **360.962** | **408.321** | **418.248** | **571.891** | **564.045** | **397.508** | **361.464** | **354.654** | **399.228** | **405.595** | **612.329** | **603.595** | **429.020** | **310.333** |

| | |
|---|---|
| Total luna ore de noapte | 3,392.664 |
| Total luna ore de zi | 9,915.848 |
| Total Luna | **13,308.512** |

Vanzator
Hidroelectrica SA

Cumparator
SC CEZ VANZARE SA

**Tabel 2.3 - cantitatile de energie electrica orare contractate in luna Martie 2017**

Cantitati de energie electrica orare contractate in Martie 2017

MWh

| Ora de la | Ora pina la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 16.168 | 17.168 | 18.594 | 19.373 | 19.523 | 18.890 | 15.935 | 16.723 | 17.493 | 17.011 | 18.692 | 19.658 | 21.141 | 19.496 | 19.254 | 20.630 | 20.062 | 19.820 | 20.919 | 20.729 | 15.937 | 17.387 | 18.759 | 18.691 | 18.332 | 23.282 | 20.985 | 17.374 | 17.337 | 16.795 | 19.079 |
| 1 | 2 | 14.683 | 14.828 | 15.680 | 16.924 | 17.222 | 16.222 | 15.053 | 14.844 | 15.390 | 15.026 | 16.404 | 16.447 | 19.022 | 16.918 | 17.205 | 17.783 | 17.139 | 17.331 | 18.864 | 17.910 | 14.412 | 15.247 | 16.081 | 15.615 | 17.920 | 21.515 | 19.974 | 16.637 | 15.540 | 14.454 | 15.970 |
| 2 | 3 | 12.802 | 14.112 | 14.500 | 15.590 | 16.171 | 16.169 | 13.953 | 13.897 | 14.230 | 14.256 | 15.068 | 15.592 | 17.672 | 16.338 | 16.457 | 17.306 | 16.155 | 15.699 | 17.880 | 17.534 | 13.733 | 14.563 | 15.824 | 15.603 | 16.862 | 20.795 | 18.310 | 15.297 | 14.361 | 13.124 | 14.837 |
| 3 | 4 | 12.966 | 13.960 | 14.156 | 15.224 | 16.704 | 15.838 | 13.473 | 13.641 | 13.665 | 13.839 | 14.585 | 15.113 | 17.444 | 15.991 | 16.153 | 16.833 | 15.858 | 15.652 | 17.758 | 16.731 | 13.622 | 14.114 | 15.197 | 15.358 | 16.081 | 0.000 | 17.236 | 14.636 | 13.794 | 12.054 | 14.256 |
| 4 | 5 | 13.160 | 14.466 | 14.650 | 15.483 | 16.870 | 16.107 | 13.996 | 13.184 | 14.111 | 14.233 | 14.779 | 15.227 | 17.785 | 16.134 | 16.036 | 17.356 | 16.655 | 15.758 | 19.128 | 17.629 | 13.982 | 14.688 | 15.077 | 15.264 | 15.760 | 19.706 | 17.514 | 14.750 | 14.099 | 12.127 | 14.072 |
| 5 | 6 | 15.618 | 16.674 | 16.440 | 18.772 | 17.995 | 18.313 | 16.296 | 16.031 | 15.901 | 16.516 | 16.350 | 16.026 | 19.933 | 18.287 | 18.128 | 19.478 | 19.277 | 18.155 | 20.069 | 19.310 | 15.812 | 16.950 | 17.037 | 16.455 | 17.978 | 19.722 | 18.647 | 15.811 | 14.278 | 14.284 | 16.351 |
| 6 | 7 | 20.799 | 22.728 | 21.235 | 23.834 | 21.006 | 23.167 | 21.393 | 21.318 | 20.660 | 21.847 | 20.270 | 18.905 | 24.103 | 23.103 | 23.762 | 24.722 | 23.556 | 21.553 | 22.568 | 24.179 | 20.882 | 22.350 | 22.550 | 22.217 | 21.724 | 21.309 | 22.617 | 18.546 | 17.888 | 17.747 | 20.842 |
| 7 | 8 | 19.838 | 22.008 | 23.982 | 26.655 | 22.028 | 22.581 | 19.444 | 18.993 | 22.155 | 21.340 | 22.300 | 19.933 | 24.212 | 23.517 | 24.492 | 23.972 | 20.671 | 24.861 | 24.816 | 23.555 | 21.127 | 23.769 | 22.840 | 24.046 | 25.850 | 23.671 | 23.281 | 18.589 | 17.808 | 15.460 | 20.544 |
| 8 | 9 | 15.747 | 17.344 | 22.128 | 26.538 | 22.818 | 19.379 | 14.057 | 16.189 | 19.953 | 19.705 | 26.958 | 22.446 | 23.135 | 20.989 | 21.304 | 21.582 | 16.842 | 27.087 | 27.635 | 17.763 | 19.551 | 22.594 | 20.185 | 19.540 | 25.820 | 24.677 | 19.641 | 15.196 | 13.610 | 11.831 | 16.594 |
| 9 | 10 | 12.906 | 14.599 | 22.489 | 25.808 | 22.594 | 16.742 | 11.725 | 16.929 | 19.504 | 18.899 | 29.113 | 23.969 | 21.885 | 20.554 | 20.959 | 15.825 | 13.421 | 27.750 | 28.532 | 14.446 | 19.612 | 22.524 | 20.106 | 18.568 | 26.333 | 26.616 | 17.630 | 13.678 | 9.652 | 8.322 | 14.013 |
| 10 | 11 | 11.031 | 12.879 | 24.091 | 22.704 | 21.562 | 14.908 | 9.594 | 18.055 | 17.930 | 19.377 | 29.517 | 26.603 | 20.816 | 19.790 | 20.433 | 12.991 | 11.414 | 27.517 | 29.280 | 11.877 | 20.548 | 22.687 | 21.540 | 17.714 | 25.881 | 25.830 | 15.575 | 14.968 | 6.279 | 5.947 | 12.432 |
| 11 | 12 | 8.495 | 11.822 | 23.816 | 21.259 | 19.743 | 12.732 | 8.667 | 19.147 | 18.539 | 19.515 | 31.142 | 27.456 | 20.720 | 17.675 | 19.599 | 10.728 | 9.549 | 25.746 | 28.377 | 9.626 | 21.055 | 22.199 | 18.518 | 18.535 | 24.861 | 24.654 | 14.510 | 14.700 | 6.001 | 4.840 | 10.560 |
| 12 | 13 | 6.804 | 9.756 | 22.985 | 21.072 | 17.963 | 11.656 | 7.354 | 19.115 | 17.084 | 18.577 | 29.862 | 28.891 | 19.002 | 15.676 | 17.138 | 8.948 | 10.166 | 23.623 | 27.167 | 8.411 | 20.409 | 21.790 | 18.597 | 17.319 | 23.892 | 22.950 | 13.284 | 13.620 | 4.771 | 2.852 | 8.910 |
| 13 | 14 | 8.169 | 11.145 | 23.788 | 20.307 | 17.254 | 11.859 | 9.281 | 19.415 | 16.981 | 18.307 | 28.750 | 28.260 | 19.580 | 16.519 | 17.425 | 12.990 | 9.719 | 24.777 | 25.566 | 10.752 | 20.706 | 22.298 | 18.482 | 16.964 | 22.454 | 22.339 | 11.475 | 14.250 | 4.533 | 3.185 | 9.048 |
| 14 | 15 | 9.289 | 11.474 | 25.532 | 19.905 | 16.218 | 13.006 | 9.903 | 20.514 | 17.584 | 19.854 | 29.780 | 27.278 | 19.698 | 16.862 | 17.771 | 14.138 | 10.156 | 25.193 | 24.025 | 11.615 | 20.534 | 23.360 | 15.747 | 17.240 | 22.949 | 23.645 | 10.647 | 13.057 | 4.575 | 2.809 | 9.524 |
| 15 | 16 | 10.327 | 11.801 | 26.076 | 20.592 | 17.805 | 13.754 | 11.440 | 21.677 | 17.642 | 20.946 | 30.367 | 27.810 | 19.880 | 18.230 | 18.521 | 14.524 | 10.903 | 27.365 | 23.319 | 13.585 | 21.350 | 24.840 | 16.344 | 17.269 | 24.308 | 23.339 | 11.505 | 12.825 | 4.845 | 4.605 | 10.856 |
| 16 | 17 | 12.770 | 15.829 | 29.295 | 22.837 | 21.470 | 16.385 | 13.530 | 23.658 | 20.836 | 22.891 | 33.231 | 30.384 | 20.495 | 22.093 | 19.965 | 16.542 | 14.156 | 30.338 | 23.734 | 15.372 | 23.738 | 28.103 | 20.399 | 18.252 | 26.641 | 25.112 | 11.837 | 12.979 | 6.020 | 5.948 | 11.622 |
| 17 | 18 | 18.974 | 22.018 | 33.587 | 26.291 | 26.191 | 21.968 | 16.687 | 27.169 | 26.557 | 28.091 | 35.277 | 34.688 | 25.994 | 27.195 | 25.006 | 21.412 | 20.345 | 35.503 | 26.899 | 19.534 | 27.240 | 31.426 | 25.908 | 20.414 | 29.751 | 27.370 | 14.350 | 14.368 | 9.610 | 6.876 | 14.010 |
| 18 | 19 | 31.391 | 32.875 | 40.349 | 37.263 | 36.363 | 30.670 | 26.711 | 32.387 | 34.379 | 35.241 | 40.468 | 39.661 | 34.393 | 35.056 | 33.268 | 29.960 | 27.657 | 41.145 | 34.440 | 27.782 | 32.718 | 37.103 | 31.706 | 26.210 | 33.638 | 30.443 | 17.362 | 16.512 | 14.131 | 10.089 | 16.467 |
| 19 | 20 | 40.550 | 40.879 | 43.152 | 45.871 | 44.126 | 38.080 | 37.813 | 37.299 | 40.805 | 40.029 | 45.184 | 45.495 | 42.056 | 42.714 | 41.337 | 44.242 | 44.072 | 48.674 | 45.977 | 40.298 | 40.236 | 42.139 | 39.777 | 38.385 | 45.258 | 35.092 | 24.806 | 23.544 | 20.191 | 17.689 | 23.071 |
| 20 | 21 | 37.069 | 37.871 | 38.643 | 42.398 | 39.939 | 34.693 | 35.803 | 33.643 | 37.090 | 36.313 | 40.426 | 41.869 | 38.866 | 39.718 | 38.499 | 41.645 | 42.908 | 44.822 | 43.948 | 37.725 | 35.028 | 39.978 | 38.477 | 36.525 | 43.141 | 45.029 | 36.447 | 37.298 | 33.279 | 32.424 | 37.929 |
| 21 | 22 | 31.363 | 31.612 | 33.056 | 36.201 | 33.635 | 30.105 | 30.526 | 27.037 | 31.176 | 31.185 | 35.039 | 35.653 | 33.038 | 34.161 | 32.964 | 36.336 | 37.189 | 37.892 | 37.667 | 30.727 | 30.854 | 33.136 | 32.560 | 31.198 | 36.400 | 41.274 | 34.538 | 34.994 | 32.464 | 32.950 | 39.645 |
| 22 | 23 | 26.232 | 26.326 | 29.465 | 29.561 | 27.755 | 24.293 | 24.405 | 23.445 | 26.384 | 26.698 | 28.614 | 30.544 | 27.806 | 29.260 | 29.680 | 30.896 | 31.748 | 30.618 | 29.408 | 24.930 | 26.261 | 28.282 | 27.216 | 27.195 | 29.011 | 33.812 | 27.647 | 27.820 | 27.314 | 26.302 | 32.640 |
| 23 | 24 | 21.430 | 20.740 | 23.374 | 23.070 | 21.098 | 18.451 | 21.008 | 20.248 | 21.372 | 21.268 | 21.739 | 26.090 | 22.387 | 24.244 | 23.905 | 24.068 | 25.561 | 24.699 | 22.910 | 20.281 | 21.224 | 21.861 | 22.850 | 20.277 | 23.412 | 28.030 | 21.331 | 20.598 | 20.893 | 20.443 | 24.249 |
| Total zi | | **428.581** | **464.914** | **601.063** | **593.532** | **554.053** | **475.968** | **418.047** | **504.558** | **517.421** | **530.964** | **653.915** | **633.998** | **571.063** | **550.520** | **549.261** | **514.907** | **485.179** | **651.578** | **640.886** | **472.301** | **530.571** | **583.388** | **531.777** | **504.854** | **614.257** | **610.212** | **461.149** | **432.047** | **343.273** | **313.157** | **427.521** |

| | |
|---|---|
| Total luna ore de noapte | 4,613.478 |
| Total luna ore de zi | 11,551.437 |
| Total Luna | **16,164.915** |

Vanzator
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Cumparator
SC CEZ VANZARE SA

CHE cu Pi > 100 MW

**Tabel 2.4 - cantitatile de energie electrica orare contractate in luna Aprilie 2017**

Cantitati de energie electrica orare contractate in Aprilie 2017

MWh

| Ora de la | Ora pana la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 23.631 | 25.859 | 24.394 | 22.325 | 20.326 | 18.713 | 17.794 | 21.061 | 22.729 | 22.739 | 18.958 | 14.984 | 14.347 | 16.236 | 17.093 | 17.707 | 18.024 | 13.119 | 13.031 | 16.178 | 19.468 | 22.487 | 21.186 | 22.288 | 20.706 | 24.373 | 25.979 | 25.659 | 32.293 | 41.412 | |
| 1 | 2 | 19.446 | 23.126 | 21.880 | 18.673 | 16.592 | 15.463 | 14.543 | 17.492 | 19.478 | 19.228 | 15.982 | 12.019 | 11.516 | 13.926 | 12.717 | 13.816 | 13.383 | 8.856 | 10.439 | 11.668 | 15.019 | 17.737 | 17.553 | 18.230 | 16.999 | 19.302 | 21.556 | 21.416 | 25.612 | 37.282 | |
| 2 | 3 | 18.548 | 21.260 | 19.970 | 17.609 | 15.451 | 14.280 | 13.168 | 15.520 | 17.850 | 18.033 | 14.112 | 10.811 | 10.980 | 12.854 | 11.886 | 11.859 | 12.241 | 8.154 | 7.907 | 10.639 | 13.592 | 15.871 | 17.217 | 16.141 | 15.834 | 17.565 | 19.111 | 19.953 | 22.944 | 32.794 | |
| 3 | 4 | 17.931 | 20.399 | 19.563 | 16.784 | 14.627 | 13.613 | 12.548 | 16.003 | 17.318 | 17.293 | 13.235 | 9.200 | 9.940 | 12.086 | 11.626 | 11.955 | 11.609 | 7.292 | 8.080 | 10.225 | 13.152 | 14.941 | 17.072 | 15.371 | 15.072 | 16.508 | 18.326 | 18.443 | 21.097 | 30.563 | |
| 4 | 5 | 18.091 | 20.085 | 19.972 | 17.131 | 15.159 | 13.800 | 12.407 | 15.039 | 16.730 | 17.431 | 13.638 | 9.315 | 10.139 | 12.368 | 11.487 | 11.847 | 11.757 | 7.585 | 8.369 | 10.370 | 13.682 | 15.099 | 16.258 | 13.231 | 15.262 | 16.783 | 18.420 | 18.182 | 20.383 | 29.734 | |
| 5 | 6 | 19.631 | 20.947 | 21.896 | 19.156 | 16.902 | 15.951 | 14.700 | 16.643 | 17.434 | 19.405 | 15.922 | 11.444 | 12.348 | 13.808 | 13.160 | 12.615 | 13.947 | 9.178 | 8.602 | 11.446 | 15.081 | 16.303 | 17.075 | 15.953 | 16.398 | 18.825 | 20.521 | 19.674 | 20.732 | 29.919 | |
| 6 | 7 | 23.204 | 23.268 | 27.585 | 24.185 | 20.634 | 20.117 | 19.448 | 20.144 | 19.536 | 24.147 | 21.823 | 16.404 | 16.822 | 18.671 | 17.152 | 15.381 | 17.301 | 13.031 | 12.881 | 15.845 | 17.777 | 18.261 | 18.284 | 18.973 | 19.444 | 22.239 | 22.192 | 22.605 | 22.160 | 30.070 | |
| 7 | 8 | 27.712 | 25.862 | 27.621 | 24.172 | 21.924 | 19.512 | 21.957 | 22.640 | 22.739 | 27.373 | 22.076 | 19.550 | 17.545 | 19.922 | 19.458 | 17.289 | 17.784 | 15.200 | 14.591 | 16.868 | 19.561 | 18.982 | 19.375 | 21.214 | 21.504 | 23.709 | 21.354 | 22.797 | 27.239 | 31.407 | |
| 8 | 9 | 27.857 | 27.858 | 24.828 | 19.605 | 17.983 | 16.233 | 18.252 | 25.648 | 25.603 | 22.640 | 16.870 | 14.765 | 12.696 | 16.637 | 21.437 | 18.635 | 14.356 | 13.579 | 15.538 | 15.332 | 17.390 | 19.174 | 21.630 | 20.961 | 23.816 | 23.091 | 20.342 | 25.343 | 31.773 | 32.653 | |
| 9 | 10 | 28.743 | 27.818 | 17.630 | 17.000 | 15.804 | 14.620 | 17.407 | 26.973 | 27.535 | 22.908 | 14.634 | 10.199 | 10.322 | 12.642 | 19.445 | 18.550 | 11.767 | 11.717 | 14.480 | 12.991 | 16.011 | 17.919 | 22.404 | 22.191 | 25.279 | 22.063 | 18.063 | 27.323 | 34.923 | 30.801 | |
| 10 | 11 | 29.641 | 27.886 | 15.499 | 16.067 | 14.029 | 13.163 | 17.551 | 27.147 | 27.635 | 22.938 | 14.205 | 9.765 | 9.507 | 11.409 | 16.722 | 16.900 | 11.110 | 9.517 | 15.328 | 11.682 | 16.085 | 16.164 | 22.317 | 23.392 | 25.588 | 20.169 | 16.765 | 26.042 | 36.627 | 29.157 | |
| 11 | 12 | 28.314 | 27.886 | 14.093 | 13.688 | 12.719 | 11.718 | 16.560 | 25.538 | 27.062 | 22.243 | 10.648 | 8.753 | 9.654 | 9.994 | 17.456 | 16.275 | 12.301 | 9.281 | 15.708 | 10.484 | 15.188 | 16.303 | 22.908 | 21.385 | 25.953 | 19.316 | 16.485 | 28.664 | 37.810 | 28.118 | |
| 12 | 13 | 27.601 | 26.681 | 12.775 | 12.744 | 12.284 | 12.439 | 15.833 | 24.593 | 27.177 | 21.136 | 8.837 | 8.097 | 9.526 | 9.489 | 18.163 | 15.779 | 11.457 | 10.220 | 14.231 | 9.364 | 13.358 | 16.368 | 23.637 | 20.490 | 25.696 | 17.806 | 15.504 | 28.723 | 39.376 | 25.473 | |
| 13 | 14 | 26.431 | 25.915 | 12.766 | 14.398 | 12.926 | 13.400 | 15.941 | 23.040 | 26.184 | 20.481 | 9.332 | 8.187 | 10.817 | 10.724 | 17.714 | 15.573 | 11.056 | 10.002 | 12.931 | 9.068 | 12.337 | 15.835 | 23.167 | 17.966 | 24.196 | 15.532 | 15.333 | 30.011 | 40.196 | 22.862 | |
| 14 | 15 | 26.530 | 24.289 | 12.676 | 14.803 | 14.202 | 14.388 | 16.213 | 23.322 | 25.553 | 19.466 | 10.265 | 9.874 | 12.152 | 10.995 | 17.725 | 14.895 | 11.576 | 8.396 | 11.939 | 8.657 | 13.332 | 15.279 | 22.354 | 17.859 | 23.587 | 13.693 | 15.126 | 29.724 | 39.726 | 21.441 | |
| 15 | 16 | 25.841 | 23.934 | 13.894 | 15.060 | 15.066 | 14.790 | 17.032 | 23.713 | 25.421 | 19.961 | 10.921 | 10.616 | 15.088 | 11.048 | 17.739 | 14.223 | 10.291 | 7.649 | 13.878 | 9.272 | 14.231 | 15.008 | 23.912 | 16.990 | 22.280 | 13.444 | 16.252 | 31.043 | 40.365 | 20.667 | |
| 16 | 17 | 26.851 | 23.947 | 15.342 | 15.844 | 16.491 | 15.404 | 19.125 | 24.459 | 27.075 | 21.971 | 12.040 | 12.975 | 15.873 | 10.548 | 19.506 | 15.315 | 11.304 | 10.354 | 14.503 | 10.689 | 16.509 | 16.555 | 23.645 | 19.110 | 23.710 | 14.890 | 16.368 | 31.404 | 41.062 | 20.713 | |
| 17 | 18 | 28.805 | 25.097 | 18.357 | 18.364 | 19.358 | 18.256 | 22.969 | 25.697 | 31.929 | 25.227 | 14.227 | 15.410 | 20.253 | 11.855 | 20.419 | 16.763 | 12.771 | 12.983 | 15.534 | 11.858 | 18.337 | 16.220 | 23.864 | 20.633 | 26.649 | 17.302 | 18.845 | 33.996 | 42.815 | 22.200 | |
| 18 | 19 | 30.757 | 27.390 | 21.087 | 21.412 | 22.891 | 19.732 | 27.382 | 26.421 | 36.132 | 27.868 | 16.324 | 16.243 | 24.811 | 13.948 | 21.069 | 18.584 | 15.622 | 15.985 | 18.772 | 15.951 | 21.380 | 18.645 | 25.392 | 24.422 | 29.820 | 19.492 | 22.994 | 38.519 | 43.172 | 24.951 | |
| 19 | 20 | 37.060 | 33.262 | 27.869 | 26.139 | 28.619 | 24.988 | 32.272 | 30.803 | 42.373 | 33.973 | 21.719 | 20.888 | 31.864 | 18.770 | 23.958 | 22.146 | 18.515 | 20.884 | 23.844 | 19.969 | 26.710 | 22.069 | 30.867 | 29.596 | 35.112 | 26.282 | 27.807 | 43.036 | 46.345 | 28.784 | |
| 20 | 21 | 52.949 | 51.681 | 45.849 | 43.726 | 41.542 | 39.902 | 41.746 | 45.921 | 48.391 | 43.334 | 37.068 | 33.447 | 38.138 | 33.339 | 36.387 | 35.209 | 30.530 | 30.592 | 32.626 | 32.247 | 39.353 | 34.282 | 40.281 | 39.557 | 44.603 | 41.044 | 36.955 | 49.690 | 56.171 | 39.214 | |
| 21 | 22 | 53.841 | 53.201 | 47.555 | 46.530 | 42.546 | 42.388 | 40.227 | 49.693 | 46.215 | 42.254 | 42.056 | 37.592 | 39.404 | 39.272 | 46.384 | 41.392 | 35.155 | 34.565 | 36.581 | 41.730 | 47.890 | 42.343 | 43.774 | 44.172 | 49.446 | 51.841 | 49.406 | 54.470 | 66.877 | 49.652 | |
| 22 | 23 | 44.799 | 43.329 | 37.906 | 36.961 | 33.055 | 33.206 | 33.282 | 39.710 | 37.446 | 34.618 | 33.684 | 31.315 | 34.327 | 31.791 | 38.120 | 33.213 | 26.516 | 27.086 | 28.850 | 33.647 | 40.183 | 35.627 | 34.513 | 34.914 | 41.215 | 45.322 | 42.785 | 49.157 | 61.017 | 44.501 | |
| 23 | 24 | 33.149 | 32.233 | 27.678 | 27.028 | 24.235 | 24.227 | 25.250 | 28.463 | 27.010 | 25.835 | 23.557 | 20.168 | 21.850 | 22.570 | 27.860 | 24.342 | 17.884 | 17.216 | 21.721 | 23.248 | 29.606 | 26.323 | 26.673 | 25.982 | 31.030 | 35.144 | 31.432 | 39.667 | 47.164 | 36.099 | |
| Total zi | | **697.363** | **683.213** | **548.685** | **519.404** | **485.365** | **460.303** | **503.607** | **616.683** | **662.555** | **592.502** | **432.133** | **372.021** | **419.919** | **394.902** | **494.683** | **450.263** | **378.257** | **332.441** | **390.364** | **379.428** | **485.232** | **483.795** | **575.358** | **541.021** | **619.199** | **555.735** | **547.921** | **735.541** | **897.879** | **740.467** | **0.000** |

| | |
|---|---|
| Total luna ore de noapte | 4,974.183 |
| Total luna ore de zi | 11,021.056 |
| Total Luna | **15,995.239** |

Vanzator
Hidroelectrica SA

Cumparator
SC CEZ VANZARE SA

## Tabel 2.5 - cantitatile de energie electrica orare contractate in luna Mai 2017

Cantitati de energie electrica orare contractate in Mai 2017

MWh

| Ora de la | Ora pana la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 24.334 | 22.517 | 22.272 | 23.686 | 23.293 | 24.484 | 26.891 | 23.995 | 23.170 | 21.514 | 21.188 | 20.913 | 21.477 | 22.902 | 19.972 | 20.287 | 22.054 | 21.489 | 20.127 | 23.578 | 21.754 | 20.090 | 17.642 | 16.191 | 16.917 | 16.479 | 18.698 | 19.715 | 17.566 | 15.673 | 18.768 |
| 1 | 2 | 20.500 | 19.857 | 19.143 | 20.021 | 19.145 | 21.178 | 22.990 | 21.459 | 19.453 | 18.737 | 17.907 | 17.598 | 18.857 | 19.265 | 16.482 | 17.441 | 17.796 | 17.495 | 16.074 | 18.697 | 17.907 | 16.654 | 14.673 | 14.055 | 14.309 | 13.112 | 14.214 | 15.525 | 13.507 | 11.872 | 15.106 |
| 2 | 3 | 19.197 | 18.592 | 17.973 | 18.456 | 17.541 | 19.678 | 21.257 | 19.803 | 18.227 | 17.274 | 16.977 | 16.081 | 16.574 | 17.637 | 15.523 | 16.125 | 16.884 | 16.136 | 14.770 | 16.774 | 16.546 | 15.144 | 14.179 | 13.052 | 13.189 | 11.620 | 12.719 | 13.751 | 11.664 | 10.894 | 13.472 |
| 3 | 4 | 17.987 | 17.471 | 17.516 | 17.432 | 16.992 | 18.793 | 20.291 | 19.015 | 17.759 | 16.163 | 16.047 | 15.857 | 16.152 | 16.951 | 15.238 | 15.686 | 16.186 | 15.941 | 14.167 | 16.000 | 16.143 | 14.046 | 12.999 | 12.765 | 12.468 | 11.389 | 12.230 | 13.250 | 11.076 | 10.615 | 13.169 |
| 4 | 5 | 17.714 | 17.497 | 17.497 | 17.422 | 16.495 | 18.627 | 19.898 | 19.038 | 17.798 | 15.897 | 16.039 | 15.379 | 15.988 | 17.583 | 15.003 | 15.326 | 16.118 | 15.789 | 13.956 | 15.689 | 15.269 | 14.164 | 12.810 | 12.477 | 12.245 | 11.112 | 12.028 | 12.743 | 10.010 | 10.424 | 12.807 |
| 5 | 6 | 17.352 | 17.862 | 17.821 | 18.329 | 17.249 | 19.296 | 19.820 | 19.375 | 17.829 | 16.824 | 16.775 | 16.105 | 16.231 | 17.738 | 15.368 | 15.900 | 16.349 | 16.170 | 14.143 | 15.296 | 14.703 | 14.319 | 12.751 | 13.090 | 12.323 | 11.273 | 12.183 | 11.566 | 11.332 | 10.155 | 13.046 |
| 6 | 7 | 17.385 | 18.971 | 21.909 | 21.645 | 19.426 | 21.865 | 19.723 | 21.645 | 20.943 | 19.861 | 18.890 | 18.413 | 18.548 | 18.876 | 18.529 | 19.117 | 19.401 | 19.207 | 16.567 | 17.372 | 16.039 | 17.786 | 15.897 | 16.466 | 14.560 | 13.559 | 14.999 | 13.485 | 14.672 | 13.028 | 16.770 |
| 7 | 8 | 18.161 | 21.112 | 25.616 | 25.045 | 20.667 | 25.137 | 22.346 | 24.284 | 22.815 | 21.601 | 22.497 | 19.904 | 21.322 | 21.307 | 20.502 | 21.478 | 21.465 | 21.073 | 18.552 | 19.276 | 18.413 | 20.035 | 18.349 | 19.989 | 16.794 | 16.684 | 17.747 | 14.942 | 18.118 | 15.832 | 19.386 |
| 8 | 9 | 20.363 | 23.235 | 27.513 | 25.123 | 18.945 | 28.877 | 24.710 | 22.704 | 21.974 | 20.242 | 21.452 | 18.401 | 24.665 | 23.307 | 19.236 | 19.858 | 19.312 | 19.126 | 17.354 | 20.628 | 20.394 | 18.626 | 16.831 | 19.312 | 16.257 | 16.520 | 20.383 | 16.676 | 17.222 | 14.401 | 19.728 |
| 9 | 10 | 22.372 | 26.046 | 28.728 | 24.924 | 16.507 | 31.016 | 27.143 | 22.732 | 21.621 | 19.140 | 20.869 | 16.991 | 26.190 | 25.201 | 19.740 | 18.693 | 18.233 | 17.175 | 17.259 | 21.467 | 21.611 | 17.782 | 16.251 | 19.109 | 16.805 | 15.443 | 21.463 | 18.769 | 16.728 | 13.917 | 19.006 |
| 10 | 11 | 22.712 | 28.220 | 28.530 | 23.886 | 15.839 | 30.643 | 28.515 | 22.828 | 21.164 | 18.488 | 20.292 | 17.707 | 26.614 | 25.532 | 19.518 | 17.312 | 16.625 | 15.794 | 17.156 | 21.241 | 22.061 | 17.954 | 17.074 | 19.292 | 17.542 | 15.333 | 22.618 | 20.152 | 16.902 | 14.048 | 19.510 |
| 11 | 12 | 22.279 | 30.101 | 28.811 | 22.843 | 15.613 | 30.190 | 28.480 | 21.365 | 19.629 | 17.765 | 20.039 | 17.482 | 26.314 | 22.338 | 19.094 | 16.383 | 15.939 | 14.872 | 16.660 | 21.506 | 21.943 | 17.683 | 17.347 | 18.458 | 16.491 | 15.405 | 22.298 | 20.799 | 17.832 | 15.277 | 19.735 |
| 12 | 13 | 21.466 | 29.130 | 27.004 | 21.409 | 15.673 | 29.769 | 27.857 | 20.414 | 18.363 | 16.776 | 18.967 | 16.927 | 25.612 | 20.880 | 18.577 | 15.919 | 16.587 | 14.155 | 16.710 | 20.813 | 21.760 | 17.168 | 17.707 | 17.868 | 17.229 | 15.902 | 22.293 | 20.583 | 17.277 | 14.571 | 20.397 |
| 13 | 14 | 21.079 | 28.084 | 26.125 | 20.184 | 14.981 | 29.119 | 26.082 | 20.972 | 17.941 | 16.926 | 18.460 | 17.289 | 25.287 | 20.305 | 19.811 | 16.206 | 16.533 | 13.774 | 18.054 | 19.898 | 21.218 | 16.965 | 17.166 | 17.019 | 15.902 | 15.819 | 21.976 | 20.099 | 16.187 | 15.374 | 20.230 |
| 14 | 15 | 19.638 | 26.818 | 25.389 | 19.778 | 15.289 | 28.966 | 24.972 | 20.219 | 17.754 | 16.423 | 18.040 | 17.678 | 25.538 | 19.693 | 19.560 | 16.981 | 16.820 | 13.991 | 17.239 | 19.645 | 20.458 | 16.552 | 17.775 | 16.657 | 15.648 | 15.678 | 21.829 | 18.744 | 17.249 | 14.849 | 19.974 |
| 15 | 16 | 19.652 | 26.596 | 25.582 | 19.317 | 15.617 | 28.856 | 23.672 | 21.243 | 17.751 | 16.332 | 18.101 | 17.407 | 24.596 | 19.881 | 20.008 | 16.341 | 16.713 | 15.086 | 17.951 | 19.650 | 20.741 | 17.027 | 18.161 | 16.072 | 15.543 | 15.795 | 22.178 | 18.243 | 16.893 | 14.559 | 20.231 |
| 16 | 17 | 20.292 | 28.181 | 26.731 | 19.682 | 17.799 | 30.315 | 23.572 | 22.544 | 18.217 | 16.835 | 20.544 | 18.095 | 25.103 | 19.785 | 21.076 | 17.019 | 16.130 | 15.734 | 19.050 | 19.523 | 21.085 | 16.835 | 19.120 | 16.910 | 16.485 | 15.870 | 22.861 | 18.670 | 17.792 | 15.359 | 17.491 |
| 17 | 18 | 22.692 | 30.633 | 29.546 | 22.214 | 21.038 | 31.545 | 23.888 | 26.205 | 20.318 | 19.017 | 23.486 | 20.141 | 25.666 | 21.313 | 22.514 | 18.025 | 18.480 | 17.658 | 21.509 | 20.893 | 22.481 | 18.549 | 22.283 | 18.838 | 17.640 | 17.459 | 23.399 | 19.437 | 19.572 | 17.347 | 19.880 |
| 18 | 19 | 25.179 | 33.561 | 32.688 | 24.962 | 23.630 | 33.259 | 25.353 | 29.643 | 22.666 | 21.505 | 27.123 | 22.165 | 26.425 | 22.022 | 24.827 | 20.580 | 20.112 | 20.212 | 23.663 | 21.094 | 22.721 | 20.440 | 24.270 | 20.918 | 19.670 | 19.182 | 23.287 | 20.573 | 19.511 | 19.537 | 27.724 |
| 19 | 20 | 28.721 | 37.590 | 36.740 | 29.310 | 27.724 | 34.775 | 28.958 | 33.443 | 27.183 | 25.604 | 32.114 | 25.332 | 29.525 | 24.835 | 28.267 | 24.429 | 23.989 | 23.681 | 27.361 | 23.584 | 24.570 | 22.151 | 27.098 | 24.626 | 22.595 | 21.955 | 24.313 | 22.176 | 22.107 | 21.361 | 25.993 |
| 20 | 21 | 35.108 | 41.236 | 41.778 | 36.719 | 33.990 | 40.107 | 37.500 | 37.640 | 34.989 | 33.149 | 37.483 | 32.376 | 35.825 | 30.470 | 32.952 | 30.823 | 30.159 | 29.931 | 32.538 | 27.177 | 28.075 | 26.016 | 30.388 | 28.271 | 26.018 | 25.595 | 25.863 | 25.007 | 24.529 | 23.577 | 29.678 |
| 21 | 22 | 40.580 | 41.882 | 44.033 | 43.850 | 41.902 | 47.501 | 45.502 | 42.694 | 42.515 | 41.590 | 40.714 | 39.734 | 41.842 | 40.014 | 40.162 | 40.646 | 38.502 | 39.243 | 41.172 | 34.568 | 37.694 | 35.624 | 34.462 | 34.791 | 34.246 | 34.109 | 35.717 | 33.943 | 32.641 | 31.612 | 36.566 |
| 22 | 23 | 35.394 | 36.047 | 38.195 | 38.684 | 37.122 | 41.831 | 40.105 | 37.302 | 37.385 | 36.963 | 35.543 | 35.003 | 36.684 | 35.558 | 35.509 | 36.462 | 36.071 | 36.045 | 39.898 | 33.403 | 36.518 | 34.443 | 30.088 | 32.420 | 33.170 | 33.658 | 35.483 | 33.749 | 31.737 | 32.856 | 34.718 |
| 23 | 24 | 28.224 | 28.549 | 29.523 | 29.722 | 30.275 | 33.209 | 30.523 | 30.360 | 28.289 | 27.492 | 26.493 | 25.970 | 28.656 | 27.157 | 26.885 | 27.656 | 26.200 | 25.871 | 30.403 | 26.418 | 26.690 | 24.643 | 22.004 | 23.178 | 22.900 | 24.487 | 26.525 | 24.047 | 22.054 | 23.285 | 25.511 |
| Total zi | | **558.381** | **649.788** | **656.663** | **584.643** | **512.752** | **699.036** | **640.048** | **600.922** | **545.753** | **512.118** | **546.040** | **498.948** | **599.691** | **550.550** | **524.353** | **494.693** | **492.658** | **475.648** | **502.333** | **514.190** | **526.794** | **470.696** | **467.325** | **461.824** | **436.946** | **423.438** | **507.304** | **466.644** | **434.178** | **400.423** | **498.896** |

| | |
|---|---|
| Total luna ore de noapte | 5,056.826 |
| Total luna ore de zi | 11,196.850 |
| Total Luna | **16,253.676** |

Vanzator
Hidroelectrica SA

Cumparator
SC CEZ VANZARE SA

## Tabel 2.6 - cantitatile de energie electrica orare contractate in luna lunie 2017

**Cantitati de energie electrica orare contractate in lunie 2017**

MWh

| Ora de la | pana la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 18.785 | 18.521 | 19.723 | 21.908 | 20.011 | 16.173 | 15.851 | 16.306 | 15.091 | 18.785 | 18.062 | 16.087 | 15.402 | 17.190 | 17.210 | 17.853 | 21.486 | 21.543 | 21.129 | 19.612 | 21.619 | 23.626 | 23.991 | 20.898 | 24.896 | 21.896 | 18.730 | 17.769 | 18.898 | 21.210 | |
| 1 | 2 | 15.636 | 14.798 | 16.006 | 17.529 | 16.503 | 12.964 | 12.199 | 12.881 | 12.021 | 14.091 | 14.391 | 12.908 | 12.343 | 13.361 | 13.180 | 13.939 | 16.701 | 17.412 | 16.094 | 15.217 | 16.381 | 18.146 | 18.665 | 16.669 | 18.823 | 17.149 | 14.366 | 13.784 | 14.766 | 15.319 | |
| 2 | 3 | 14.262 | 13.699 | 14.182 | 16.282 | 15.032 | 11.920 | 10.943 | 11.380 | 11.004 | 11.745 | 12.494 | 11.341 | 11.468 | 11.494 | 11.820 | 12.465 | 14.295 | 15.651 | 14.209 | 13.804 | 14.076 | 15.828 | 16.720 | 14.725 | 16.412 | 15.218 | 12.924 | 12.939 | 12.746 | 13.510 | |
| 3 | 4 | 13.448 | 13.143 | 13.411 | 16.042 | 14.219 | 11.015 | 10.204 | 10.845 | 10.534 | 11.477 | 12.047 | 11.127 | 10.884 | 10.608 | 11.238 | 11.480 | 13.348 | 13.563 | 13.493 | 12.965 | 13.391 | 14.742 | 15.102 | 13.541 | 14.976 | 14.353 | 12.144 | 11.760 | 11.952 | 12.320 | |
| 4 | 5 | 13.418 | 12.936 | 13.298 | 16.007 | 13.746 | 11.153 | 10.229 | 10.815 | 10.075 | 10.858 | 11.237 | 10.855 | 10.585 | 10.857 | 11.191 | 11.121 | 13.086 | 12.658 | 12.422 | 12.868 | 11.487 | 13.350 | 14.668 | 13.300 | 14.160 | 13.820 | 11.742 | 11.699 | 11.693 | 12.106 | |
| 5 | 6 | 14.085 | 12.581 | 13.037 | 14.963 | 11.999 | 11.904 | 10.492 | 10.991 | 10.668 | 11.078 | 10.723 | 11.282 | 11.080 | 11.030 | 11.549 | 11.571 | 13.443 | 11.736 | 11.725 | 13.087 | 13.535 | 14.962 | 14.346 | 13.352 | 13.492 | 14.313 | 12.230 | 11.871 | 11.769 | 11.957 | |
| 6 | 7 | 17.367 | 15.603 | 15.654 | 16.416 | 15.681 | 14.516 | 14.461 | 13.985 | 14.719 | 13.922 | 12.338 | 15.371 | 14.702 | 14.997 | 15.700 | 15.544 | 16.548 | 13.744 | 13.023 | 17.647 | 17.378 | 18.669 | 18.124 | 16.935 | 15.551 | 17.544 | 14.830 | 14.825 | 14.701 | 15.703 | |
| 7 | 8 | 20.464 | 19.019 | 19.203 | 18.873 | 18.816 | 18.246 | 17.764 | 17.228 | 18.108 | 17.321 | 14.537 | 18.627 | 17.864 | 19.435 | 18.683 | 18.916 | 20.081 | 17.214 | 16.236 | 21.135 | 21.381 | 22.377 | 20.992 | 20.938 | 18.379 | 20.125 | 17.817 | 17.029 | 18.675 | 18.813 | |
| 8 | 9 | 20.333 | 19.013 | 23.102 | 21.586 | 18.256 | 17.722 | 17.644 | 16.133 | 17.728 | 21.556 | 17.636 | 19.569 | 19.470 | 19.513 | 19.528 | 19.391 | 23.763 | 20.171 | 17.925 | 22.601 | 23.168 | 24.645 | 22.860 | 25.142 | 21.559 | 21.918 | 19.041 | 17.381 | 20.928 | 19.126 | |
| 9 | 10 | 21.826 | 19.078 | 26.040 | 23.699 | 18.882 | 19.033 | 17.498 | 15.700 | 18.024 | 23.625 | 20.087 | 20.672 | 19.445 | 19.890 | 19.049 | 19.167 | 26.095 | 22.584 | 19.606 | 23.528 | 24.631 | 26.639 | 24.587 | 28.185 | 25.257 | 24.009 | 21.134 | 18.130 | 22.345 | 19.225 | |
| 10 | 11 | 21.771 | 19.345 | 28.525 | 24.804 | 19.421 | 19.331 | 17.640 | 16.095 | 17.940 | 24.525 | 22.202 | 21.495 | 20.273 | 19.808 | 19.294 | 20.107 | 28.181 | 24.221 | 20.563 | 23.929 | 27.620 | 29.047 | 26.526 | 30.713 | 27.849 | 25.693 | 21.364 | 18.465 | 23.798 | 22.423 | |
| 11 | 12 | 22.178 | 19.655 | 28.675 | 25.665 | 19.694 | 19.317 | 17.997 | 16.190 | 18.125 | 24.813 | 22.665 | 21.884 | 20.341 | 19.423 | 19.527 | 21.584 | 30.160 | 25.128 | 22.176 | 25.389 | 28.758 | 31.369 | 28.451 | 32.131 | 29.313 | 27.020 | 21.705 | 19.655 | 24.607 | 24.384 | |
| 12 | 13 | 21.434 | 20.037 | 28.288 | 25.356 | 19.409 | 18.732 | 17.947 | 15.983 | 18.451 | 25.523 | 22.996 | 20.715 | 20.663 | 19.536 | 19.695 | 22.158 | 31.163 | 24.785 | 22.038 | 26.496 | 29.885 | 31.552 | 28.733 | 33.139 | 30.089 | 27.901 | 21.693 | 19.288 | 25.998 | 24.708 | |
| 13 | 14 | 21.113 | 20.203 | 27.793 | 24.644 | 19.798 | 18.360 | 17.945 | 14.568 | 18.621 | 24.755 | 22.824 | 20.547 | 20.810 | 20.076 | 21.080 | 23.589 | 31.172 | 24.337 | 22.136 | 27.245 | 30.336 | 32.001 | 29.705 | 33.540 | 29.214 | 28.337 | 22.077 | 20.105 | 25.827 | 24.943 | |
| 14 | 15 | 21.090 | 19.787 | 26.936 | 23.524 | 19.258 | 16.943 | 17.718 | 15.096 | 18.956 | 23.629 | 20.990 | 19.967 | 20.079 | 20.556 | 21.085 | 23.164 | 30.433 | 23.625 | 21.809 | 27.676 | 29.873 | 31.979 | 29.080 | 32.988 | 27.937 | 27.767 | 21.794 | 20.016 | 26.103 | 24.153 | |
| 15 | 16 | 20.259 | 20.283 | 26.767 | 23.111 | 19.041 | 16.989 | 18.059 | 14.707 | 19.006 | 23.274 | 20.633 | 19.465 | 20.434 | 19.880 | 21.260 | 23.303 | 29.104 | 22.903 | 22.033 | 28.413 | 29.991 | 31.594 | 28.946 | 32.801 | 27.794 | 26.458 | 22.400 | 20.258 | 25.675 | 25.452 | |
| 16 | 17 | 21.109 | 20.753 | 26.847 | 23.267 | 19.255 | 17.482 | 18.574 | 15.499 | 19.444 | 23.814 | 21.035 | 20.494 | 21.014 | 20.401 | 21.207 | 24.381 | 29.917 | 23.426 | 22.059 | 29.266 | 30.424 | 31.717 | 27.974 | 33.241 | 28.423 | 23.823 | 22.624 | 21.298 | 25.918 | 25.019 | |
| 17 | 18 | 21.734 | 22.314 | 26.809 | 23.916 | 21.184 | 18.167 | 20.265 | 17.147 | 20.929 | 24.734 | 22.105 | 21.950 | 21.761 | 21.040 | 22.292 | 26.469 | 31.091 | 24.397 | 23.322 | 29.303 | 31.267 | 32.589 | 27.317 | 33.426 | 28.166 | 25.032 | 23.578 | 22.103 | 27.286 | 25.642 | |
| 18 | 19 | 22.688 | 23.602 | 27.845 | 24.848 | 23.459 | 19.633 | 22.023 | 18.458 | 22.768 | 25.664 | 22.851 | 23.357 | 23.322 | 23.050 | 23.438 | 28.188 | 31.736 | 25.763 | 23.902 | 30.691 | 32.223 | 32.596 | 27.737 | 33.802 | 28.613 | 25.823 | 25.404 | 22.581 | 28.323 | 26.460 | |
| 19 | 20 | 25.060 | 25.391 | 29.618 | 26.294 | 25.458 | 22.687 | 24.275 | 20.300 | 25.276 | 26.656 | 25.450 | 27.145 | 25.328 | 24.716 | 25.120 | 30.439 | 33.543 | 26.612 | 26.015 | 31.813 | 33.354 | 33.667 | 28.374 | 33.347 | 28.564 | 26.497 | 26.498 | 24.101 | 30.097 | 28.025 | |
| 20 | 21 | 27.936 | 28.516 | 31.697 | 28.847 | 26.991 | 26.290 | 27.085 | 23.093 | 27.994 | 28.434 | 27.535 | 31.187 | 26.992 | 26.811 | 26.816 | 31.657 | 33.915 | 27.923 | 28.684 | 33.393 | 34.151 | 34.727 | 29.264 | 33.421 | 30.085 | 27.321 | 28.491 | 25.187 | 31.308 | 28.518 | |
| 21 | 22 | 35.261 | 35.679 | 39.709 | 34.859 | 32.639 | 34.198 | 35.550 | 29.656 | 35.455 | 34.766 | 33.068 | 34.082 | 33.483 | 33.998 | 33.654 | 38.398 | 39.741 | 32.751 | 34.902 | 38.455 | 38.423 | 39.525 | 32.500 | 37.495 | 35.228 | 33.223 | 33.367 | 30.868 | 36.324 | 33.352 | |
| 22 | 23 | 35.518 | 34.978 | 39.196 | 35.634 | 30.966 | 32.975 | 35.948 | 30.136 | 35.150 | 35.265 | 32.770 | 29.262 | 33.132 | 34.266 | 36.758 | 41.201 | 41.496 | 34.668 | 37.114 | 41.185 | 43.787 | 43.804 | 35.579 | 42.919 | 39.061 | 35.881 | 34.563 | 34.048 | 40.416 | 38.425 | |
| 23 | 24 | 25.589 | 26.286 | 29.627 | 26.646 | 22.259 | 23.785 | 25.343 | 22.117 | 27.337 | 26.090 | 23.687 | 21.562 | 24.645 | 23.874 | 27.204 | 31.730 | 30.282 | 28.326 | 27.903 | 30.823 | 33.784 | 33.824 | 27.706 | 33.606 | 30.317 | 26.969 | 25.767 | 26.182 | 30.664 | 29.292 | |
| **Total zi** | | **512.364** | **495.220** | **591.988** | **554.720** | **481.977** | **449.535** | **453.654** | **405.309** | **463.424** | **526.400** | **484.363** | **480.951** | **475.520** | **475.810** | **487.578** | **537.815** | **630.780** | **535.141** | **510.518** | **596.541** | **630.923** | **662.975** | **597.947** | **660.254** | **604.158** | **568.090** | **506.283** | **471.342** | **560.817** | **540.086** | **0.000** |

| | |
|---|---|
| Total luna ore de noapte | 4,476.081 |
| Total luna ore de zi | 11,476.401 |
| Total Luna | **15,952.482** |

Vanzator
Hidroelectrica SA

Cumparator
SC CEZ VANZARE SA

## Tabel 2.7 - cantitatile de energie electrica orare contractate in luna lulie 2017

**Cantitati de energie electrica orare contractate in lulie 2017**

MWh

| Ora de la | Ora la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 8.339 | 8.154 | 7.110 | 6.050 | 6.301 | 7.144 | 6.607 | 6.768 | 8.545 | 8.452 | 7.441 | 7.579 | 7.799 | 8.954 | 7.261 | 6.731 | 5.849 | 5.793 | 6.281 | 6.794 | 6.843 | 8.122 | 9.209 | 8.399 | 8.596 | 8.033 | 7.681 | 8.331 | 8.318 | 9.258 | 7.466 |
| 1 | 2 | 6.162 | 5.835 | 5.374 | 4.418 | 4.375 | 5.045 | 4.647 | 5.084 | 6.500 | 5.915 | 5.195 | 5.419 | 5.861 | 6.871 | 5.113 | 5.110 | 4.377 | 4.686 | 4.202 | 5.210 | 5.174 | 6.625 | 7.191 | 6.357 | 6.670 | 6.042 | 6.093 | 6.355 | 6.419 | 7.257 | 5.736 |
| 2 | 3 | 4.895 | 4.974 | 4.480 | 3.653 | 3.687 | 3.955 | 3.759 | 4.463 | 5.397 | 4.516 | 4.100 | 4.466 | 4.837 | 6.113 | 4.396 | 4.302 | 3.622 | 4.068 | 3.469 | 4.378 | 4.511 | 5.687 | 6.149 | 5.821 | 5.780 | 5.589 | 5.426 | 5.312 | 5.650 | 6.219 | 4.917 |
| 3 | 4 | 4.323 | 4.558 | 4.117 | 3.350 | 3.431 | 3.658 | 3.271 | 4.120 | 4.979 | 4.271 | 3.811 | 4.033 | 4.515 | 5.464 | 3.909 | 3.914 | 3.142 | 3.745 | 3.039 | 4.027 | 4.075 | 5.388 | 5.539 | 5.318 | 5.373 | 5.000 | 5.077 | 5.165 | 5.302 | 5.656 | 4.209 |
| 4 | 5 | 4.041 | 4.109 | 3.999 | 3.097 | 3.133 | 3.618 | 3.348 | 3.833 | 4.401 | 4.359 | 3.520 | 3.997 | 4.334 | 5.132 | 3.699 | 3.416 | 2.992 | 3.572 | 3.036 | 3.672 | 3.814 | 4.990 | 5.395 | 4.918 | 5.275 | 4.871 | 4.823 | 4.832 | 5.097 | 5.520 | 3.902 |
| 5 | 6 | 3.736 | 3.229 | 3.653 | 3.009 | 3.034 | 3.504 | 3.235 | 3.414 | 3.608 | 4.023 | 3.420 | 3.893 | 4.178 | 5.093 | 3.241 | 2.519 | 2.637 | 3.427 | 2.851 | 3.860 | 3.954 | 4.728 | 4.824 | 4.809 | 4.987 | 4.853 | 4.858 | 4.969 | 5.083 | 5.166 | 4.422 |
| 6 | 7 | 5.316 | 3.715 | 4.958 | 4.438 | 4.269 | 4.749 | 4.639 | 4.760 | 4.224 | 5.406 | 4.928 | 5.116 | 5.622 | 6.389 | 3.985 | 3.010 | 3.878 | 4.218 | 3.395 | 4.777 | 4.942 | 5.822 | 5.358 | 5.933 | 5.954 | 5.592 | 6.045 | 6.159 | 6.344 | 5.394 | 5.204 |
| 7 | 8 | 6.691 | 4.897 | 6.306 | 5.526 | 4.969 | 5.438 | 4.997 | 6.202 | 5.824 | 6.079 | 5.638 | 6.182 | 6.580 | 6.836 | 5.523 | 3.967 | 4.698 | 5.294 | 4.029 | 6.110 | 6.426 | 7.312 | 6.676 | 7.020 | 6.811 | 6.298 | 7.519 | 6.891 | 8.331 | 6.742 | 6.335 |
| 8 | 9 | 9.023 | 5.980 | 6.532 | 5.836 | 5.084 | 6.199 | 5.651 | 7.716 | 7.142 | 6.518 | 6.603 | 6.248 | 7.269 | 7.503 | 6.785 | 5.086 | 4.940 | 5.538 | 4.507 | 6.113 | 6.486 | 8.877 | 7.715 | 7.348 | 7.203 | 6.741 | 7.689 | 7.073 | 9.677 | 7.734 | 7.124 |
| 9 | 10 | 10.532 | 7.550 | 7.112 | 6.001 | 5.483 | 6.527 | 5.951 | 9.017 | 8.162 | 7.195 | 7.506 | 6.611 | 8.044 | 7.989 | 8.013 | 5.936 | 5.408 | 6.000 | 4.789 | 6.448 | 6.438 | 10.376 | 8.813 | 7.833 | 7.488 | 7.132 | 7.932 | 7.675 | 10.971 | 9.164 | 7.275 |
| 10 | 11 | 11.296 | 8.790 | 7.766 | 6.559 | 6.021 | 6.960 | 6.067 | 9.978 | 9.001 | 7.589 | 7.830 | 7.653 | 9.097 | 8.904 | 9.001 | 6.971 | 5.742 | 6.275 | 4.975 | 6.748 | 7.092 | 11.010 | 9.193 | 8.390 | 8.468 | 8.257 | 8.808 | 8.829 | 12.097 | 10.443 | 7.366 |
| 11 | 12 | 12.331 | 9.767 | 8.251 | 6.654 | 6.438 | 7.014 | 6.426 | 10.327 | 9.855 | 8.286 | 8.889 | 8.584 | 9.687 | 9.159 | 9.663 | 7.736 | 6.393 | 6.264 | 5.090 | 7.528 | 7.589 | 11.340 | 9.947 | 9.167 | 9.153 | 8.795 | 9.409 | 9.367 | 12.878 | 11.323 | 7.620 |
| 12 | 13 | 12.878 | 10.173 | 8.844 | 6.541 | 6.599 | 7.171 | 6.946 | 10.375 | 9.772 | 8.296 | 9.086 | 9.051 | 10.246 | 9.309 | 9.649 | 7.488 | 6.385 | 6.172 | 5.101 | 7.535 | 7.895 | 11.647 | 10.358 | 9.253 | 9.102 | 9.204 | 9.760 | 9.866 | 12.955 | 11.452 | 7.505 |
| 13 | 14 | 12.699 | 10.119 | 8.912 | 6.537 | 6.836 | 7.301 | 6.879 | 10.318 | 9.504 | 8.515 | 9.310 | 9.410 | 10.823 | 10.000 | 9.573 | 7.245 | 6.488 | 6.542 | 4.893 | 7.588 | 8.230 | 12.050 | 10.240 | 9.835 | 9.300 | 9.598 | 10.175 | 10.241 | 13.407 | 11.608 | 7.985 |
| 14 | 15 | 11.956 | 9.611 | 8.491 | 6.679 | 7.078 | 6.859 | 6.796 | 9.830 | 9.045 | 8.694 | 9.240 | 9.227 | 10.770 | 9.932 | 9.202 | 7.196 | 6.466 | 6.748 | 4.812 | 7.441 | 8.221 | 11.595 | 10.099 | 10.115 | 9.164 | 9.549 | 10.035 | 10.153 | 13.067 | 11.187 | 8.004 |
| 15 | 16 | 12.145 | 9.674 | 8.330 | 6.291 | 7.154 | 7.156 | 7.216 | 9.742 | 9.326 | 8.690 | 9.437 | 9.504 | 10.950 | 10.126 | 8.896 | 7.477 | 6.561 | 6.628 | 5.113 | 7.475 | 8.333 | 11.640 | 10.159 | 10.303 | 9.260 | 9.648 | 10.049 | 10.363 | 12.978 | 10.890 | 7.953 |
| 16 | 17 | 11.798 | 9.696 | 8.853 | 6.766 | 7.547 | 7.552 | 7.916 | 10.072 | 9.572 | 9.057 | 9.820 | 9.797 | 11.316 | 10.296 | 8.982 | 7.730 | 6.249 | 6.950 | 5.315 | 7.929 | 9.100 | 11.673 | 10.413 | 10.367 | 9.237 | 9.815 | 10.427 | 11.081 | 12.978 | 11.243 | 7.754 |
| 17 | 18 | 11.760 | 9.875 | 8.945 | 7.187 | 8.125 | 8.219 | 8.334 | 10.754 | 10.092 | 9.658 | 10.326 | 10.408 | 11.964 | 10.585 | 9.955 | 7.750 | 6.518 | 8.022 | 5.592 | 8.520 | 9.955 | 12.440 | 11.160 | 11.024 | 10.119 | 10.282 | 11.115 | 11.508 | 13.269 | 11.663 | 8.019 |
| 18 | 19 | 11.393 | 9.636 | 9.504 | 8.261 | 8.763 | 8.616 | 8.583 | 11.112 | 10.320 | 10.086 | 10.880 | 10.912 | 12.624 | 10.381 | 10.337 | 8.269 | 6.983 | 8.772 | 6.313 | 8.912 | 10.234 | 12.690 | 11.380 | 11.421 | 10.657 | 10.472 | 11.781 | 11.880 | 13.752 | 12.314 | 9.750 |
| 19 | 20 | 11.472 | 9.659 | 10.124 | 9.193 | 9.497 | 9.508 | 9.631 | 11.426 | 10.629 | 10.929 | 11.530 | 11.694 | 13.238 | 10.799 | 11.027 | 9.080 | 8.176 | 9.484 | 6.914 | 9.765 | 11.365 | 12.806 | 12.066 | 12.434 | 11.590 | 11.268 | 12.592 | 12.525 | 13.948 | 12.459 | 11.220 |
| 20 | 21 | 11.942 | 10.624 | 10.705 | 10.058 | 10.798 | 10.341 | 10.524 | 11.643 | 11.404 | 11.419 | 11.856 | 12.240 | 13.753 | 12.530 | 12.698 | 9.770 | 9.143 | 10.498 | 8.003 | 10.906 | 12.124 | 13.345 | 12.931 | 13.175 | 12.627 | 11.908 | 13.423 | 13.455 | 14.482 | 13.144 | 12.115 |
| 21 | 22 | 14.284 | 13.585 | 12.648 | 13.015 | 13.810 | 12.693 | 13.495 | 14.346 | 14.301 | 14.270 | 15.099 | 15.079 | 16.631 | 15.238 | 14.485 | 13.105 | 13.009 | 13.907 | 11.668 | 14.593 | 16.025 | 16.612 | 16.375 | 16.699 | 16.344 | 15.879 | 16.982 | 16.931 | 17.772 | 16.779 | 16.037 |
| 22 | 23 | 14.841 | 14.966 | 13.603 | 14.513 | 15.184 | 14.612 | 15.211 | 16.326 | 15.787 | 15.668 | 16.372 | 16.760 | 17.922 | 13.614 | 13.151 | 13.251 | 13.707 | 14.469 | 12.749 | 15.615 | 17.144 | 17.323 | 16.579 | 16.161 | 15.730 | 15.670 | 16.855 | 16.495 | 17.363 | 16.540 | 14.663 |
| 23 | 24 | 11.016 | 11.084 | 9.535 | 10.216 | 10.507 | 10.341 | 10.618 | 11.926 | 11.589 | 11.079 | 11.965 | 11.773 | 13.195 | 10.226 | 9.021 | 9.339 | 9.271 | 10.360 | 9.111 | 10.463 | 12.141 | 12.961 | 12.257 | 11.684 | 11.085 | 11.044 | 12.057 | 11.728 | 12.971 | 12.075 | 10.166 |
| Total zi | | **234.869** | **200.260** | **188.152** | **163.848** | **168.123** | **174.180** | **170.747** | **213.552** | **208.979** | **198.970** | **203.802** | **205.636** | **231.255** | **217.443** | **197.565** | **166.398** | **152.634** | **167.432** | **135.247** | **182.407** | **198.111** | **247.059** | **230.026** | **223.784** | **215.973** | **211.540** | **226.611** | **227.184** | **265.109** | **241.230** | **192.747** |

| | |
|---|---|
| Total luna ore de noapte | 1,766.506 |
| Total luna ore de zi | 4,494.367 |
| Total Luna | **6,260.873** |

Vanzator
Hidroelectrica SA

Cumparator
SC CEZ VANZARE SA

CHE cu Pi > 100 MW

## Tabel 2.8 - cantitatile de energie electrica orare contractate in luna August 2017

Cantitati de energie electrica orare contractate in August 2017

MWh

| Ora de la | pana la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 5.473 | 5.902 | 7.138 | 5.686 | 7.611 | 8.043 | 7.021 | 6.594 | 7.156 | 6.942 | 7.692 | 8.716 | 8.769 | 7.767 | 5.367 | 5.383 | 4.414 | 5.138 | 5.161 | 5.333 | 5.598 | 4.374 | 4.006 | 4.724 | 5.097 | 6.019 | 6.746 | 6.363 | 5.883 | 5.714 | 6.868 |
| 1 | 2 | 3.736 | 3.947 | 5.081 | 4.116 | 5.439 | 6.041 | 5.730 | 5.020 | 5.625 | 5.363 | 5.760 | 6.556 | 6.824 | 5.994 | 3.859 | 3.605 | 3.187 | 3.544 | 3.559 | 4.371 | 3.954 | 3.032 | 2.707 | 2.915 | 3.782 | 4.184 | 4.970 | 4.739 | 4.099 | 3.948 | 4.692 |
| 2 | 3 | 3.249 | 3.351 | 4.406 | 3.220 | 4.510 | 5.142 | 4.580 | 4.134 | 4.987 | 4.488 | 4.719 | 5.206 | 5.886 | 5.202 | 3.320 | 3.095 | 2.971 | 2.955 | 2.557 | 3.774 | 3.389 | 2.272 | 1.932 | 2.364 | 3.073 | 2.914 | 4.252 | 4.162 | 3.316 | 3.403 | 3.919 |
| 3 | 4 | 2.605 | 2.768 | 4.094 | 2.958 | 3.629 | 4.544 | 4.356 | 3.685 | 4.204 | 4.150 | 4.232 | 4.448 | 5.051 | 4.801 | 2.859 | 2.514 | 3.027 | 2.553 | 2.711 | 3.335 | 2.986 | 2.057 | 1.784 | 2.123 | 2.822 | 2.900 | 3.588 | 3.721 | 2.765 | 2.832 | 3.625 |
| 4 | 5 | 2.765 | 2.577 | 3.589 | 3.499 | 3.963 | 4.152 | 4.231 | 3.599 | 4.054 | 3.865 | 4.401 | 4.419 | 5.177 | 4.764 | 2.923 | 2.615 | 2.421 | 2.365 | 2.464 | 3.143 | 2.971 | 1.963 | 1.721 | 1.839 | 2.813 | 2.255 | 3.349 | 3.683 | 2.790 | 2.491 | 3.319 |
| 5 | 6 | 3.233 | 2.977 | 3.896 | 3.844 | 3.709 | 3.948 | 4.527 | 4.208 | 4.923 | 4.654 | 4.317 | 4.927 | 5.125 | 5.238 | 3.649 | 3.254 | 2.946 | 2.670 | 3.212 | 3.097 | 3.718 | 2.708 | 2.569 | 2.697 | 3.497 | 3.231 | 3.442 | 4.373 | 3.268 | 2.880 | 3.438 |
| 6 | 7 | 3.898 | 4.095 | 4.324 | 4.851 | 5.333 | 4.258 | 4.944 | 4.566 | 5.113 | 5.212 | 4.935 | 5.298 | 4.802 | 5.050 | 3.627 | 3.567 | 2.871 | 3.296 | 3.400 | 2.905 | 3.721 | 3.182 | 2.999 | 3.242 | 3.842 | 3.347 | 3.603 | 4.673 | 3.804 | 3.300 | 3.958 |
| 7 | 8 | 4.872 | 5.196 | 5.945 | 6.395 | 7.355 | 5.861 | 6.916 | 6.557 | 6.681 | 6.807 | 5.988 | 6.783 | 6.214 | 6.173 | 4.709 | 4.177 | 3.503 | 3.631 | 5.056 | 3.645 | 4.079 | 2.656 | 3.423 | 4.504 | 3.985 | 4.413 | 4.306 | 6.017 | 4.613 | 3.848 | 4.660 |
| 8 | 9 | 5.945 | 5.539 | 6.046 | 7.504 | 8.877 | 7.433 | 7.578 | 7.247 | 7.741 | 7.810 | 7.333 | 8.223 | 7.663 | 6.873 | 5.320 | 4.386 | 4.033 | 4.041 | 6.393 | 4.931 | 4.711 | 4.117 | 4.525 | 4.912 | 5.495 | 5.701 | 6.272 | 6.910 | 5.987 | 4.671 | 5.583 |
| 9 | 10 | 6.419 | 6.125 | 6.530 | 8.347 | 10.731 | 8.751 | 9.213 | 7.991 | 8.336 | 8.189 | 8.366 | 9.991 | 8.743 | 8.070 | 6.553 | 5.241 | 4.963 | 4.865 | 8.080 | 6.274 | 4.805 | 4.974 | 5.289 | 5.206 | 5.412 | 6.722 | 7.728 | 7.548 | 6.310 | 4.746 | 6.521 |
| 10 | 11 | 6.975 | 6.937 | 7.687 | 9.194 | 11.322 | 9.734 | 9.520 | 8.519 | 8.580 | 9.130 | 9.382 | 10.446 | 10.322 | 8.378 | 7.285 | 5.604 | 5.906 | 5.418 | 8.605 | 7.520 | 4.699 | 5.028 | 5.056 | 5.519 | 6.418 | 7.770 | 8.734 | 7.400 | 6.963 | 5.321 | 6.875 |
| 11 | 12 | 7.203 | 7.267 | 7.309 | 9.147 | 11.802 | 10.051 | 9.816 | 8.770 | 9.823 | 9.821 | 9.226 | 10.661 | 11.037 | 8.309 | 7.375 | 6.290 | 6.069 | 5.598 | 9.278 | 7.844 | 5.602 | 4.479 | 5.277 | 6.163 | 6.671 | 8.377 | 9.215 | 7.994 | 7.525 | 5.843 | 7.679 |
| 12 | 13 | 7.208 | 7.410 | 8.091 | 9.681 | 11.513 | 10.032 | 9.695 | 8.893 | 9.915 | 9.666 | 8.560 | 10.065 | 10.416 | 7.625 | 6.608 | 5.972 | 5.970 | 5.298 | 8.946 | 7.850 | 4.987 | 4.134 | 6.113 | 5.985 | 6.610 | 8.104 | 9.729 | 7.898 | 7.355 | 6.265 | 7.506 |
| 13 | 14 | 6.940 | 7.740 | 8.009 | 9.541 | 11.094 | 9.934 | 9.871 | 9.978 | 10.280 | 9.922 | 9.162 | 10.124 | 10.731 | 6.962 | 6.976 | 5.729 | 5.198 | 5.216 | 9.136 | 6.674 | 5.563 | 4.310 | 4.979 | 6.267 | 6.720 | 8.454 | 9.688 | 8.449 | 7.499 | 5.696 | 7.447 |
| 14 | 15 | 7.746 | 8.569 | 8.489 | 10.534 | 10.978 | 9.495 | 9.968 | 9.922 | 10.425 | 10.372 | 8.698 | 10.243 | 10.682 | 7.132 | 7.689 | 5.709 | 5.618 | 5.084 | 9.167 | 6.432 | 5.012 | 4.626 | 5.416 | 6.194 | 7.547 | 8.443 | 9.006 | 7.980 | 7.654 | 6.108 | 7.887 |
| 15 | 16 | 8.279 | 8.618 | 8.488 | 10.119 | 10.889 | 9.494 | 10.012 | 9.533 | 10.694 | 10.268 | 10.036 | 10.142 | 10.565 | 7.279 | 7.627 | 5.924 | 5.387 | 4.984 | 8.489 | 5.986 | 5.584 | 4.503 | 5.506 | 6.389 | 7.380 | 7.914 | 8.743 | 8.104 | 7.839 | 6.368 | 8.707 |
| 16 | 17 | 7.766 | 8.796 | 7.884 | 10.182 | 10.868 | 9.450 | 10.077 | 9.491 | 10.118 | 9.405 | 10.167 | 10.670 | 11.560 | 8.029 | 6.944 | 5.055 | 5.163 | 5.311 | 8.896 | 5.380 | 5.425 | 4.548 | 5.682 | 6.279 | 7.844 | 8.418 | 8.606 | 7.975 | 7.916 | 6.548 | 7.860 |
| 17 | 18 | 8.625 | 9.564 | 8.563 | 10.488 | 11.501 | 9.995 | 10.141 | 8.855 | 10.363 | 9.749 | 10.515 | 10.674 | 12.133 | 7.172 | 7.205 | 5.743 | 6.557 | 6.058 | 8.936 | 6.010 | 5.988 | 5.162 | 5.994 | 6.547 | 8.608 | 8.280 | 9.310 | 9.048 | 8.806 | 7.845 | 8.319 |
| 18 | 19 | 9.683 | 9.686 | 9.400 | 10.610 | 12.166 | 10.755 | 10.202 | 10.493 | 10.417 | 10.979 | 11.770 | 11.713 | 12.654 | 8.059 | 7.748 | 6.387 | 7.868 | 7.590 | 9.769 | 7.338 | 7.058 | 6.609 | 6.989 | 7.507 | 8.872 | 8.756 | 9.897 | 9.700 | 9.552 | 9.124 | 8.744 |
| 19 | 20 | 9.871 | 10.225 | 9.934 | 11.675 | 12.538 | 11.327 | 11.243 | 11.385 | 11.585 | 11.427 | 12.973 | 11.985 | 13.697 | 9.377 | 8.947 | 8.498 | 10.257 | 9.775 | 11.763 | 8.478 | 8.076 | 7.344 | 8.344 | 9.074 | 10.099 | 9.723 | 10.996 | 10.919 | 10.541 | 10.939 | 10.629 |
| 20 | 21 | 10.561 | 12.267 | 11.115 | 12.553 | 13.820 | 12.464 | 12.821 | 12.943 | 12.796 | 13.758 | 14.375 | 13.561 | 15.677 | 11.914 | 11.112 | 11.391 | 13.008 | 12.872 | 15.050 | 12.562 | 11.890 | 11.136 | 11.879 | 12.996 | 13.900 | 13.908 | 14.371 | 14.324 | 14.728 | 14.127 | 14.917 |
| 21 | 22 | 14.331 | 15.249 | 14.304 | 15.989 | 17.532 | 16.751 | 16.836 | 16.443 | 16.893 | 17.003 | 18.536 | 16.726 | 18.797 | 15.739 | 14.747 | 13.873 | 13.345 | 14.062 | 15.102 | 15.224 | 14.612 | 13.419 | 14.330 | 15.661 | 16.850 | 16.063 | 16.845 | 16.467 | 16.264 | 15.773 | 16.933 |
| 22 | 23 | 13.470 | 14.394 | 12.896 | 14.392 | 16.151 | 15.104 | 14.881 | 14.770 | 14.930 | 14.523 | 16.664 | 15.379 | 14.841 | 12.493 | 12.448 | 10.908 | 10.880 | 11.183 | 12.043 | 11.694 | 11.359 | 10.509 | 11.213 | 12.114 | 13.247 | 13.136 | 12.957 | 12.905 | 12.613 | 12.982 | 12.891 |
| 23 | 24 | 9.448 | 10.531 | 9.021 | 10.326 | 11.420 | 10.705 | 10.254 | 10.524 | 10.864 | 10.968 | 12.584 | 11.658 | 10.680 | 8.451 | 8.384 | 7.160 | 7.118 | 7.920 | 8.510 | 8.079 | 7.271 | 7.050 | 7.517 | 8.319 | 8.948 | 9.773 | 9.280 | 9.284 | 8.980 | 8.897 | 9.498 |
| Total zi | | **170.301** | **179.730** | **182.239** | **204.851** | **234.751** | **213.464** | **214.433** | **204.120** | **216.503** | **214.471** | **220.391** | **228.614** | **238.046** | **186.851** | **163.281** | **142.080** | **142.680** | **141.427** | **186.283** | **157.879** | **143.058** | **124.192** | **135.250** | **149.540** | **169.532** | **178.805** | **195.633** | **190.636** | **177.070** | **159.669** | **182.475** |

| | |
|---|---|
| Total luna ore de noapte | 1,467.299 |
| Total luna ore de zi | 4,180.956 |
| Total Luna | **5,648.255** |

Vanzator
Hidroelectrica SA

Cumparator
SC CEZ VANZARE SA

**Tabel 2.9 - cantitatile de energie electrica orare contractate in luna Septembrie 2017**

Cantitati de energie electrica orare contractate in Septembrie 2017

MWh

| Ora de la | Ora la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 6.888 | 7.680 | 8.345 | 6.510 | 6.385 | 4.896 | 5.609 | 6.313 | 6.569 | 7.230 | 6.885 | 5.185 | 5.113 | 5.877 | 6.065 | 6.737 | 7.190 | 6.278 | 5.384 | 4.871 | 5.000 | 5.012 | 6.305 | 6.918 | 5.653 | 6.289 | 6.145 | 6.362 | 6.005 | 6.476 | |
| 1 | 2 | 4.736 | 5.634 | 6.768 | 4.999 | 4.483 | 3.258 | 4.682 | 4.888 | 4.845 | 6.270 | 5.095 | 3.718 | 3.855 | 3.962 | 4.532 | 4.935 | 5.759 | 5.031 | 4.008 | 3.844 | 3.794 | 3.443 | 4.930 | 5.504 | 5.065 | 4.533 | 4.760 | 4.648 | 4.263 | 4.774 | |
| 2 | 3 | 4.262 | 4.945 | 5.680 | 4.280 | 3.567 | 2.630 | 4.024 | 4.231 | 3.873 | 5.136 | 4.523 | 3.145 | 3.067 | 3.662 | 3.575 | 3.935 | 4.830 | 4.144 | 3.530 | 3.458 | 3.227 | 3.101 | 4.122 | 5.040 | 4.393 | 4.560 | 4.161 | 4.002 | 3.774 | 4.238 | |
| 3 | 4 | 3.623 | 4.336 | 5.084 | 3.961 | 3.478 | 2.554 | 3.723 | 3.612 | 3.549 | 4.877 | 4.351 | 2.704 | 3.070 | 3.551 | 3.471 | 3.811 | 4.682 | 3.960 | 3.238 | 3.123 | 3.195 | 2.481 | 3.744 | 4.730 | 4.311 | 4.051 | 3.841 | 3.829 | 3.590 | 3.958 | |
| 4 | 5 | 3.889 | 4.178 | 5.186 | 3.709 | 2.920 | 2.258 | 3.744 | 3.918 | 3.315 | 4.637 | 4.106 | 3.009 | 2.996 | 3.651 | 3.736 | 3.954 | 4.451 | 3.967 | 3.095 | 3.050 | 3.197 | 2.735 | 4.127 | 4.642 | 4.413 | 4.051 | 4.333 | 4.002 | 3.421 | 4.175 | |
| 5 | 6 | 4.276 | 4.895 | 5.160 | 4.364 | 3.781 | 3.276 | 4.412 | 4.537 | 4.058 | 4.724 | 4.662 | 3.697 | 4.230 | 4.323 | 4.365 | 4.615 | 4.912 | 4.904 | 3.925 | 4.265 | 3.861 | 3.579 | 4.357 | 4.734 | 5.129 | 5.116 | 5.063 | 4.896 | 4.093 | 4.927 | |
| 6 | 7 | 4.701 | 5.131 | 4.907 | 4.520 | 5.091 | 4.116 | 4.931 | 5.732 | 4.710 | 4.901 | 5.657 | 5.724 | 6.015 | 6.031 | 6.071 | 5.808 | 5.080 | 6.752 | 5.896 | 5.836 | 6.124 | 5.662 | 5.726 | 5.159 | 7.635 | 6.740 | 6.785 | 6.637 | 6.866 | 6.149 | |
| 7 | 8 | 5.648 | 6.250 | 6.472 | 5.654 | 5.240 | 4.810 | 6.242 | 6.383 | 6.132 | 5.529 | 7.259 | 6.547 | 7.281 | 6.794 | 6.886 | 6.644 | 5.380 | 7.497 | 7.053 | 6.873 | 7.895 | 7.723 | 6.817 | 6.253 | 11.162 | 7.729 | 8.013 | 7.300 | 7.751 | 6.994 | |
| 8 | 9 | 5.010 | 7.879 | 6.851 | 5.822 | 5.954 | 5.174 | 7.920 | 7.897 | 8.848 | 6.919 | 5.179 | 6.036 | 5.411 | 6.008 | 5.065 | 8.475 | 6.772 | 6.644 | 6.659 | 6.096 | 7.865 | 5.933 | 8.310 | 8.195 | 7.621 | 7.445 | 8.744 | 6.035 | 6.300 | 7.890 | |
| 9 | 10 | 6.106 | 9.312 | 7.939 | 5.071 | 5.573 | 5.798 | 9.212 | 8.953 | 10.262 | 7.701 | 4.545 | 6.112 | 5.476 | 5.963 | 6.200 | 9.300 | 7.754 | 6.967 | 6.643 | 5.931 | 7.896 | 8.055 | 9.658 | 9.663 | 9.054 | 8.175 | 8.700 | 5.607 | 6.539 | 9.110 | |
| 10 | 11 | 7.427 | 9.875 | 8.622 | 6.067 | 6.242 | 5.751 | 9.019 | 9.347 | 10.817 | 7.989 | 4.215 | 6.324 | 5.567 | 6.424 | 6.614 | 9.883 | 8.888 | 7.281 | 6.475 | 6.033 | 8.227 | 7.668 | 11.343 | 10.958 | 9.268 | 8.343 | 8.879 | 5.235 | 5.862 | 8.885 | |
| 11 | 12 | 8.449 | 10.721 | 9.823 | 7.881 | 6.382 | 5.937 | 8.967 | 9.166 | 10.481 | 7.758 | 4.057 | 5.807 | 5.708 | 6.894 | 6.790 | 10.229 | 9.345 | 7.157 | 6.174 | 6.252 | 8.216 | 7.974 | 10.817 | 11.961 | 8.857 | 8.734 | 8.307 | 4.533 | 6.174 | 7.657 | |
| 12 | 13 | 8.417 | 10.750 | 9.859 | 7.670 | 6.063 | 6.461 | 8.457 | 8.827 | 9.769 | 7.590 | 3.996 | 5.291 | 5.837 | 6.336 | 7.201 | 9.940 | 9.368 | 6.324 | 6.285 | 5.959 | 7.868 | 7.242 | 9.971 | 11.663 | 8.215 | 8.573 | 7.496 | 3.149 | 5.680 | 6.842 | |
| 13 | 14 | 9.182 | 11.057 | 9.540 | 7.115 | 5.479 | 6.051 | 7.412 | 8.224 | 9.119 | 7.427 | 4.378 | 6.136 | 5.407 | 6.083 | 7.251 | 10.309 | 8.469 | 6.368 | 5.900 | 6.709 | 7.835 | 7.282 | 10.170 | 10.553 | 8.241 | 7.849 | 7.729 | 3.405 | 5.247 | 6.509 | |
| 14 | 15 | 9.098 | 11.298 | 9.202 | 7.372 | 5.901 | 6.596 | 7.582 | 7.727 | 9.291 | 7.557 | 5.025 | 6.459 | 5.591 | 6.665 | 7.658 | 10.223 | 8.412 | 5.910 | 6.519 | 6.706 | 7.817 | 7.344 | 10.145 | 10.764 | 7.567 | 8.266 | 7.338 | 3.919 | 4.938 | 6.259 | |
| 15 | 16 | 9.013 | 11.452 | 8.850 | 6.774 | 5.372 | 6.512 | 7.589 | 7.993 | 9.314 | 7.599 | 4.736 | 6.200 | 6.117 | 6.451 | 7.587 | 10.202 | 8.221 | 6.739 | 6.196 | 6.294 | 7.664 | 7.780 | 9.992 | 10.553 | 7.668 | 7.416 | 6.847 | 4.231 | 4.516 | 6.301 | |
| 16 | 17 | 9.071 | 12.076 | 7.953 | 7.058 | 5.046 | 5.994 | 7.894 | 7.861 | 9.771 | 7.168 | 4.308 | 6.244 | 6.615 | 6.624 | 7.976 | 10.939 | 8.230 | 7.316 | 6.725 | 5.830 | 6.989 | 8.059 | 10.168 | 10.618 | 8.538 | 7.891 | 6.618 | 2.957 | 4.318 | 6.717 | |
| 17 | 18 | 9.148 | 12.141 | 8.476 | 7.575 | 5.969 | 7.133 | 9.889 | 8.975 | 9.571 | 7.571 | 5.499 | 7.209 | 7.012 | 7.273 | 8.988 | 10.695 | 8.643 | 7.623 | 7.689 | 7.029 | 7.835 | 8.815 | 11.294 | 11.249 | 9.676 | 9.079 | 8.480 | 4.047 | 4.426 | 7.294 | |
| 18 | 19 | 10.677 | 12.710 | 9.068 | 9.279 | 6.749 | 7.509 | 11.597 | 11.624 | 10.844 | 8.341 | 6.264 | 8.124 | 8.377 | 8.357 | 9.280 | 11.208 | 9.504 | 9.638 | 9.037 | 8.084 | 9.815 | 11.785 | 12.630 | 13.144 | 11.894 | 11.670 | 10.676 | 6.622 | 6.831 | 8.974 | |
| 19 | 20 | 12.259 | 14.397 | 11.943 | 12.249 | 9.482 | 11.089 | 14.823 | 14.404 | 14.164 | 12.340 | 10.178 | 11.052 | 11.875 | 12.386 | 13.579 | 14.713 | 14.263 | 13.497 | 13.482 | 13.184 | 14.466 | 16.377 | 17.622 | 18.101 | 16.526 | 17.126 | 17.747 | 14.149 | 14.990 | 16.061 | |
| 20 | 21 | 17.070 | 19.218 | 16.763 | 17.739 | 15.620 | 18.048 | 17.603 | 18.257 | 20.551 | 20.127 | 17.170 | 17.517 | 19.443 | 19.411 | 20.329 | 21.239 | 20.045 | 18.421 | 18.846 | 18.001 | 18.761 | 19.756 | 20.434 | 19.709 | 17.695 | 18.173 | 20.608 | 18.317 | 18.078 | 19.980 | |
| 21 | 22 | 18.501 | 18.846 | 18.123 | 18.074 | 14.975 | 17.373 | 15.293 | 16.597 | 19.171 | 19.256 | 16.202 | 16.408 | 17.598 | 17.941 | 18.899 | 19.134 | 17.725 | 16.263 | 16.319 | 15.758 | 15.974 | 16.721 | 17.037 | 17.356 | 14.581 | 15.778 | 18.070 | 15.965 | 16.195 | 16.950 | |
| 22 | 23 | 15.007 | 15.249 | 13.673 | 13.674 | 11.332 | 13.179 | 12.213 | 12.859 | 14.860 | 14.701 | 11.883 | 12.079 | 13.023 | 13.068 | 13.802 | 14.524 | 13.222 | 11.967 | 11.958 | 11.419 | 11.745 | 13.112 | 13.096 | 12.592 | 11.337 | 11.982 | 13.713 | 11.407 | 12.449 | 13.401 | |
| 23 | 24 | 11.026 | 11.677 | 9.588 | 9.581 | 7.886 | 8.885 | 8.795 | 9.273 | 10.371 | 10.101 | 7.752 | 8.204 | 8.525 | 9.061 | 9.635 | 10.620 | 9.054 | 7.787 | 7.801 | 7.581 | 8.185 | 9.348 | 9.438 | 8.609 | 8.488 | 8.613 | 10.094 | 8.000 | 9.741 | 8.865 | |
| Total zi | | **203.484** | **241.707** | **213.875** | **186.998** | **158.970** | **165.288** | **201.632** | **207.598** | **224.255** | **203.449** | **157.925** | **168.931** | **173.209** | **182.796** | **195.555** | **232.072** | **210.199** | **188.435** | **178.837** | **172.186** | **193.451** | **196.987** | **232.253** | **238.668** | **212.987** | **208.182** | **213.147** | **159.254** | **172.047** | **199.386** | **0.000** |

| | |
|---|---|
| Total luna ore de noapte | 1,467.905 |
| Total luna ore de zi | 4,425.858 |
| Total Luna | **5,893.763** |

Vanzator
Hidroelectrica SA

Cumparator
SC CEZ VANZARE SA

**Tabel 2.10 - cantitatile de energie electrica orare contractate in luna Octombrie 2017**

Cantitati de energie electrica orare contractate in Octombrie 2017

MWh

| Ora de la | Ora la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 7.216 | 7.760 | 6.337 | 5.891 | 6.737 | 6.274 | 8.479 | 9.657 | 9.016 | 7.837 | 8.313 | 8.687 | 8.649 | 8.839 | 8.072 | 8.478 | 7.951 | 7.268 | 7.580 | 9.129 | 8.833 | 10.207 | 8.075 | 8.885 | 8.632 | 9.354 | 8.090 | 9.038 | 6.003 | 6.464 | 4.882 |
| 1 | 2 | 5.942 | 6.337 | 5.269 | 5.012 | 5.719 | 7.682 | 7.090 | 8.231 | 7.985 | 6.529 | 7.340 | 7.220 | 7.440 | 7.039 | 6.779 | 7.016 | 6.313 | 5.960 | 6.196 | 7.765 | 7.401 | 8.893 | 6.878 | 7.694 | 7.523 | 8.199 | 7.177 | 8.358 | 5.767 | 5.529 | 3.831 |
| 2 | 3 | 5.995 | 5.436 | 4.667 | 4.767 | 5.023 | 5.766 | 6.333 | 7.375 | 7.227 | 6.451 | 6.950 | 6.940 | 6.964 | 6.192 | 5.653 | 6.209 | 5.859 | 5.433 | 5.748 | 7.381 | 6.789 | 8.044 | 6.710 | 7.278 | 7.569 | 7.981 | 7.011 | 7.459 | 4.411 | 4.865 | 2.940 |
| 3 | 4 | 5.787 | 5.353 | 4.675 | 4.247 | 4.696 | 5.417 | 6.444 | 7.204 | 6.956 | 6.096 | 6.932 | 6.597 | 6.901 | 5.921 | 5.610 | 5.899 | 5.413 | 5.019 | 5.797 | 6.443 | 7.013 | 7.833 | 6.781 | 7.184 | 7.242 | 7.844 | 6.699 | 7.200 | 5.727 | 4.375 | 2.851 |
| 3' | 4' | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 5.728 | 0.000 | 0.000 |
| 4 | 5 | 5.921 | 5.337 | 4.497 | 4.511 | 4.606 | 5.430 | 5.985 | 7.029 | 7.071 | 6.032 | 6.854 | 6.643 | 6.916 | 6.135 | 5.565 | 5.918 | 5.287 | 5.162 | 5.754 | 6.590 | 7.106 | 7.779 | 7.078 | 7.306 | 7.302 | 7.933 | 6.949 | 7.198 | 4.472 | 4.993 | 3.208 |
| 5 | 6 | 6.154 | 6.432 | 5.235 | 5.458 | 5.502 | 6.169 | 6.735 | 7.473 | 7.655 | 6.731 | 7.147 | 7.612 | 6.605 | 6.248 | 6.046 | 6.764 | 6.156 | 6.100 | 6.202 | 7.452 | 7.452 | 8.412 | 8.384 | 8.478 | 8.589 | 8.920 | 7.769 | 7.401 | 4.519 | 5.275 | 3.740 |
| 6 | 7 | 6.761 | 7.783 | 7.529 | 7.363 | 7.459 | 8.456 | 7.707 | 7.982 | 9.168 | 8.649 | 9.620 | 9.704 | 8.782 | 7.836 | 6.994 | 8.837 | 8.464 | 8.543 | 8.859 | 9.526 | 9.128 | 9.726 | 9.869 | 10.634 | 11.498 | 10.791 | 10.354 | 8.723 | 5.460 | 6.966 | 6.047 |
| 7 | 8 | 7.755 | 8.895 | 8.316 | 7.097 | 7.560 | 9.076 | 8.429 | 8.824 | 10.399 | 8.531 | 10.369 | 10.598 | 10.673 | 9.431 | 8.631 | 10.703 | 10.656 | 9.293 | 9.555 | 10.601 | 11.086 | 10.954 | 9.661 | 11.384 | 12.165 | 11.390 | 10.706 | 10.121 | 6.970 | 6.885 | 5.678 |
| 8 | 9 | 7.903 | 7.197 | 6.508 | 5.925 | 7.289 | 9.061 | 10.772 | 10.733 | 9.213 | 8.367 | 8.932 | 10.387 | 9.715 | 10.848 | 9.706 | 9.884 | 9.012 | 7.026 | 9.023 | 10.044 | 12.567 | 11.656 | 8.107 | 10.009 | 10.765 | 9.883 | 9.155 | 11.012 | 7.822 | 4.229 | 4.642 |
| 9 | 10 | 8.509 | 6.257 | 4.992 | 5.480 | 8.433 | 9.102 | 12.256 | 13.017 | 10.316 | 8.097 | 7.996 | 10.206 | 9.328 | 12.285 | 9.986 | 9.545 | 9.162 | 6.566 | 9.610 | 9.651 | 12.283 | 11.062 | 8.248 | 9.603 | 9.913 | 9.415 | 9.048 | 10.753 | 8.415 | 3.277 | 3.880 |
| 10 | 11 | 9.038 | 5.890 | 5.108 | 4.972 | 8.494 | 8.521 | 12.242 | 13.693 | 9.956 | 8.336 | 7.267 | 10.396 | 9.476 | 12.389 | 9.541 | 8.874 | 9.621 | 6.688 | 9.795 | 9.607 | 12.019 | 9.819 | 7.367 | 9.724 | 9.127 | 8.318 | 7.992 | 11.203 | 8.892 | 3.365 | 3.850 |
| 11 | 12 | 8.850 | 5.603 | 4.273 | 4.657 | 8.054 | 7.567 | 11.963 | 14.039 | 9.595 | 8.252 | 7.613 | 10.248 | 9.594 | 12.614 | 9.375 | 8.154 | 8.651 | 5.519 | 9.329 | 9.350 | 10.863 | 9.129 | 6.308 | 9.255 | 9.330 | 6.649 | 7.658 | 10.235 | 8.277 | 4.222 | 2.666 |
| 12 | 13 | 8.001 | 5.030 | 4.058 | 4.960 | 6.646 | 7.591 | 11.649 | 14.199 | 8.987 | 7.478 | 7.912 | 9.272 | 9.766 | 12.133 | 9.152 | 6.647 | 8.011 | 5.686 | 8.493 | 8.589 | 11.250 | 9.803 | 5.295 | 8.344 | 9.414 | 5.911 | 6.563 | 10.487 | 7.444 | 4.285 | 1.606 |
| 13 | 14 | 7.285 | 4.665 | 4.171 | 4.785 | 7.105 | 7.314 | 11.839 | 13.366 | 8.870 | 7.230 | 7.138 | 8.571 | 8.799 | 11.720 | 9.118 | 6.576 | 7.688 | 4.812 | 8.599 | 8.292 | 11.466 | 8.975 | 6.087 | 8.835 | 8.438 | 6.229 | 7.386 | 10.766 | 8.050 | 5.073 | 2.222 |
| 14 | 15 | 7.060 | 4.867 | 4.787 | 4.999 | 7.770 | 7.024 | 11.867 | 13.056 | 8.924 | 8.485 | 6.795 | 9.492 | 9.404 | 11.667 | 9.038 | 6.244 | 8.104 | 4.356 | 8.963 | 8.475 | 10.573 | 9.328 | 6.210 | 8.685 | 7.964 | 6.789 | 7.366 | 10.376 | 7.966 | 3.190 | 3.860 |
| 15 | 16 | 7.490 | 4.543 | 4.536 | 5.043 | 7.749 | 7.697 | 12.297 | 13.352 | 8.687 | 7.851 | 6.975 | 9.495 | 9.044 | 11.420 | 8.917 | 7.447 | 8.285 | 4.683 | 9.764 | 9.100 | 10.682 | 9.688 | 6.808 | 9.067 | 8.203 | 7.987 | 8.224 | 11.431 | 7.733 | 4.723 | 3.780 |
| 16 | 17 | 6.915 | 5.038 | 4.374 | 5.288 | 8.414 | 7.304 | 12.856 | 13.403 | 7.909 | 7.770 | 7.359 | 9.408 | 9.569 | 11.836 | 8.749 | 8.339 | 8.621 | 4.701 | 10.536 | 8.839 | 11.469 | 10.905 | 8.256 | 9.998 | 9.774 | 8.748 | 9.046 | 12.927 | 8.323 | 6.358 | 5.628 |
| 17 | 18 | 7.996 | 4.905 | 6.269 | 7.416 | 10.545 | 8.129 | 14.005 | 14.963 | 10.134 | 9.476 | 9.395 | 11.179 | 11.581 | 12.618 | 9.970 | 9.148 | 11.149 | 6.628 | 13.177 | 10.391 | 12.807 | 15.125 | 12.374 | 14.106 | 14.852 | 13.953 | 13.408 | 18.252 | 13.527 | 11.202 | 11.225 |
| 18 | 19 | 10.207 | 7.360 | 8.410 | 10.004 | 13.273 | 11.260 | 16.845 | 17.329 | 13.660 | 13.011 | 13.347 | 14.925 | 15.028 | 15.394 | 14.468 | 13.018 | 14.152 | 10.996 | 16.363 | 14.868 | 16.393 | 20.678 | 19.573 | 19.549 | 21.175 | 19.856 | 19.594 | 22.771 | 17.089 | 13.503 | 14.264 |
| 19 | 20 | 16.985 | 14.163 | 14.414 | 16.141 | 17.155 | 17.102 | 21.390 | 21.399 | 18.609 | 19.295 | 18.954 | 20.379 | 20.387 | 21.148 | 22.300 | 18.232 | 17.455 | 18.406 | 19.004 | 20.118 | 22.277 | 20.521 | 18.950 | 20.133 | 21.474 | 20.085 | 19.958 | 22.066 | 17.269 | 11.868 | 13.947 |
| 20 | 21 | 19.085 | 16.148 | 16.356 | 17.171 | 17.511 | 18.311 | 20.726 | 21.056 | 18.335 | 19.337 | 18.741 | 19.824 | 20.066 | 20.820 | 22.189 | 18.695 | 16.007 | 17.418 | 17.669 | 19.225 | 21.502 | 19.361 | 18.097 | 18.401 | 20.015 | 17.900 | 17.826 | 20.118 | 16.184 | 10.994 | 13.862 |
| 21 | 22 | 16.366 | 14.245 | 14.512 | 14.508 | 15.695 | 16.333 | 18.725 | 18.535 | 15.669 | 16.832 | 16.486 | 17.220 | 17.058 | 17.749 | 19.569 | 16.159 | 13.428 | 15.329 | 15.465 | 17.125 | 18.603 | 15.943 | 16.096 | 15.889 | 16.389 | 15.326 | 14.855 | 17.951 | 14.456 | 10.371 | 12.028 |
| 22 | 23 | 13.363 | 10.834 | 11.073 | 11.103 | 13.073 | 13.491 | 15.515 | 14.799 | 12.623 | 13.680 | 14.135 | 13.929 | 14.155 | 14.454 | 16.004 | 13.336 | 11.356 | 12.237 | 12.552 | 14.746 | 15.147 | 13.076 | 13.236 | 12.685 | 14.063 | 12.368 | 12.084 | 14.647 | 11.126 | 8.001 | 8.314 |
| 23 | 24 | 10.059 | 7.553 | 8.170 | 8.659 | 9.936 | 10.638 | 12.085 | 11.733 | 10.178 | 10.099 | 10.788 | 10.432 | 11.035 | 10.902 | 11.651 | 9.342 | 9.470 | 9.131 | 10.180 | 11.910 | 12.263 | 10.595 | 10.741 | 10.598 | 11.063 | 8.950 | 9.975 | 11.466 | 8.387 | 6.161 | 6.663 |
| Total zi | | **216.643** | **177.631** | **168.536** | **175.457** | **214.444** | **220.715** | **284.234** | **302.447** | **247.142** | **230.452** | **233.358** | **259.364** | **256.935** | **277.638** | **253.083** | **229.464** | **226.271** | **192.960** | **244.213** | **255.217** | **286.972** | **277.512** | **235.189** | **263.724** | **272.479** | **250.779** | **244.893** | **291.959** | **220.017** | **156.154** | **145.614** |

| | |
|---|---|
| Total luna ore de noapte | 1,955.457 |
| Total luna ore de zi | 5,356.039 |
| Total Luna | **7,311.496** |

Vanzator
Hidroelectrica SA

Comparator
SC CEZ VANZARE SA

## Tabel 2.11 - cantitatile de energie electrica orare contractate in luna Noiembrie 2017

Cantitati de energie electrica orare contractate in Noiembrie 2017

MWh

| Ora de la | Ora la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 4.665 | 5.114 | 6.326 | 7.195 | 8.172 | 8.986 | 6.044 | 5.838 | 5.093 | 7.099 | 8.581 | 8.232 | 9.037 | 7.986 | 6.171 | 7.063 | 6.407 | 6.524 | 8.338 | 9.037 | 7.986 | 6.171 | 7.063 | 6.407 | 6.524 | 8.338 | 9.035 | 7.984 | 6.169 | 7.633 | |
| 1 | 2 | 3.918 | 3.872 | 5.039 | 5.572 | 7.423 | 6.637 | 4.659 | 3.521 | 5.113 | 5.352 | 6.413 | 7.815 | 7.662 | 7.197 | 5.374 | 5.495 | 4.820 | 5.842 | 7.676 | 7.662 | 7.197 | 5.374 | 5.495 | 4.820 | 5.842 | 7.676 | 7.661 | 7.196 | 5.372 | 6.867 | |
| 2 | 3 | 3.017 | 3.553 | 4.334 | 4.531 | 7.152 | 6.230 | 4.819 | 3.751 | 3.465 | 4.699 | 6.375 | 7.511 | 7.093 | 7.174 | 4.137 | 4.376 | 4.749 | 5.912 | 6.868 | 7.093 | 7.174 | 4.137 | 4.376 | 4.749 | 5.912 | 6.868 | 7.091 | 7.172 | 4.135 | 6.572 | |
| 3 | 4 | 3.191 | 3.453 | 4.247 | 5.039 | 7.093 | 6.083 | 4.193 | 3.788 | 4.044 | 5.135 | 6.624 | 7.037 | 6.562 | 5.945 | 3.953 | 4.234 | 4.854 | 5.152 | 11.691 | 6.562 | 5.945 | 3.953 | 4.234 | 4.854 | 5.152 | 11.691 | 6.560 | 5.943 | 3.951 | 9.933 | |
| 4 | 5 | 3.049 | 3.411 | 4.552 | 4.871 | 6.772 | 5.826 | 4.185 | 3.634 | 4.131 | 5.230 | 6.064 | 7.207 | 6.615 | 6.573 | 4.684 | 4.827 | 4.731 | 5.061 | 6.897 | 6.615 | 6.573 | 4.684 | 4.827 | 4.731 | 5.061 | 6.897 | 6.613 | 6.572 | 4.682 | 6.394 | |
| 5 | 6 | 3.951 | 4.948 | 5.340 | 6.488 | 7.434 | 6.704 | 5.070 | 4.080 | 5.523 | 5.416 | 7.483 | 7.299 | 7.649 | 7.514 | 5.081 | 5.310 | 4.957 | 5.685 | 7.233 | 7.649 | 7.514 | 5.081 | 5.310 | 4.957 | 5.685 | 7.233 | 7.647 | 7.513 | 5.079 | 6.223 | |
| 6 | 7 | 7.330 | 5.769 | 6.673 | 7.258 | 8.799 | 9.383 | 7.207 | 7.375 | 6.895 | 7.755 | 8.922 | 8.864 | 9.419 | 8.442 | 5.989 | 7.249 | 6.369 | 8.191 | 7.988 | 9.419 | 8.442 | 5.989 | 7.249 | 6.369 | 8.191 | 7.988 | 9.417 | 8.440 | 5.988 | 7.236 | |
| 7 | 8 | 6.818 | 5.711 | 6.622 | 8.634 | 9.828 | 8.393 | 7.150 | 6.546 | 7.494 | 9.035 | 11.436 | 10.542 | 10.333 | 9.995 | 8.401 | 8.737 | 6.683 | 9.995 | 10.069 | 10.333 | 9.995 | 8.401 | 8.737 | 6.683 | 9.995 | 10.069 | 10.332 | 9.994 | 8.399 | 9.215 | |
| 8 | 9 | 5.884 | 5.373 | 6.210 | 10.423 | 10.319 | 5.759 | 4.292 | 7.255 | 6.843 | 7.570 | 15.067 | 13.064 | 9.872 | 9.132 | 8.314 | 8.974 | 4.863 | 11.916 | 12.349 | 9.872 | 9.132 | 8.314 | 8.974 | 4.863 | 11.916 | 12.349 | 9.870 | 9.131 | 8.312 | 10.516 | |
| 9 | 10 | 5.397 | 4.632 | 6.017 | 11.458 | 10.155 | 3.627 | 4.719 | 6.905 | 7.581 | 7.053 | 16.879 | 13.826 | 11.107 | 9.308 | 9.070 | 9.807 | 6.484 | 13.033 | 13.861 | 11.107 | 9.308 | 9.070 | 9.807 | 6.484 | 13.033 | 13.861 | 11.105 | 9.306 | 9.068 | 10.418 | |
| 10 | 11 | 4.667 | 5.159 | 5.431 | 10.824 | 9.862 | 4.634 | 5.364 | 6.387 | 6.567 | 5.924 | 17.745 | 15.193 | 11.133 | 9.073 | 10.855 | 9.868 | 7.411 | 15.131 | 14.752 | 11.133 | 9.073 | 10.855 | 9.868 | 7.411 | 15.131 | 14.752 | 11.131 | 9.071 | 10.853 | 12.230 | |
| 11 | 12 | 5.213 | 5.657 | 7.635 | 11.857 | 9.292 | 5.030 | 5.714 | 7.364 | 6.738 | 5.951 | 17.765 | 15.673 | 11.132 | 9.125 | 11.005 | 12.094 | 7.895 | 15.318 | 15.542 | 11.132 | 9.125 | 11.005 | 12.094 | 7.895 | 15.318 | 15.542 | 11.130 | 9.123 | 11.004 | 12.070 | |
| 12 | 13 | 4.849 | 5.456 | 7.830 | 11.055 | 8.969 | 4.692 | 5.424 | 7.612 | 8.515 | 5.381 | 16.575 | 15.441 | 10.253 | 9.687 | 11.564 | 10.539 | 7.986 | 13.923 | 16.526 | 10.253 | 9.687 | 11.564 | 10.539 | 7.986 | 13.923 | 16.526 | 10.251 | 9.685 | 11.563 | 12.835 | |
| 13 | 14 | 5.060 | 6.646 | 8.413 | 11.038 | 9.512 | 6.523 | 6.349 | 8.796 | 8.511 | 6.269 | 16.239 | 14.748 | 10.397 | 9.906 | 11.875 | 10.382 | 9.863 | 14.245 | 13.696 | 10.397 | 9.906 | 11.875 | 10.382 | 9.863 | 14.245 | 13.696 | 10.395 | 9.904 | 11.874 | 13.077 | |
| 14 | 15 | 5.066 | 5.430 | 9.064 | 10.641 | 10.272 | 4.993 | 6.312 | 8.851 | 9.099 | 5.476 | 16.712 | 14.377 | 10.598 | 9.969 | 10.884 | 10.484 | 10.665 | 14.215 | 13.484 | 10.598 | 9.969 | 10.884 | 10.484 | 10.665 | 14.215 | 13.484 | 10.596 | 9.968 | 10.882 | 14.442 | |
| 15 | 16 | 5.768 | 7.593 | 9.698 | 10.308 | 10.503 | 7.173 | 6.846 | 9.141 | 10.719 | 7.562 | 17.224 | 14.742 | 11.282 | 11.394 | 10.782 | 10.444 | 10.896 | 14.645 | 13.527 | 11.282 | 11.394 | 10.782 | 10.444 | 10.896 | 14.645 | 13.527 | 11.280 | 11.393 | 10.781 | 14.434 | |
| 16 | 17 | 7.123 | 8.767 | 11.324 | 12.097 | 11.687 | 8.966 | 8.270 | 11.600 | 11.284 | 9.568 | 18.471 | 15.847 | 13.643 | 13.181 | 13.466 | 12.927 | 11.661 | 15.952 | 14.307 | 13.643 | 13.181 | 13.466 | 12.927 | 11.661 | 15.952 | 14.307 | 13.641 | 13.179 | 13.464 | 14.100 | |
| 17 | 18 | 11.179 | 13.576 | 13.571 | 16.259 | 17.551 | 13.336 | 13.859 | 14.319 | 13.984 | 15.409 | 22.835 | 19.925 | 17.613 | 16.208 | 17.538 | 16.208 | 14.086 | 22.304 | 17.308 | 17.613 | 16.208 | 17.538 | 16.208 | 14.086 | 22.304 | 17.308 | 17.611 | 16.206 | 17.536 | 15.814 | |
| 18 | 19 | 15.549 | 15.931 | 16.139 | 18.714 | 19.041 | 16.118 | 15.283 | 15.437 | 16.467 | 16.356 | 23.354 | 22.282 | 19.394 | 16.733 | 17.973 | 15.277 | 14.878 | 22.756 | 20.496 | 19.394 | 16.733 | 17.973 | 15.277 | 14.878 | 22.756 | 20.496 | 19.392 | 16.731 | 17.971 | 15.617 | |
| 19 | 20 | 15.058 | 15.688 | 15.480 | 17.560 | 17.880 | 14.639 | 13.388 | 13.514 | 15.126 | 16.170 | 22.086 | 21.113 | 19.076 | 15.890 | 16.447 | 15.711 | 14.695 | 21.301 | 20.096 | 19.076 | 15.890 | 16.447 | 15.711 | 14.695 | 21.301 | 20.096 | 19.074 | 15.888 | 16.445 | 17.363 | |
| 20 | 21 | 14.407 | 13.086 | 14.200 | 15.109 | 15.853 | 14.031 | 11.315 | 11.705 | 13.940 | 14.644 | 19.578 | 19.471 | 17.567 | 14.399 | 15.453 | 15.155 | 13.429 | 18.967 | 17.256 | 17.567 | 14.399 | 15.453 | 15.155 | 13.429 | 18.967 | 17.256 | 17.565 | 14.397 | 15.451 | 16.949 | |
| 21 | 22 | 12.834 | 10.876 | 11.226 | 12.826 | 14.360 | 11.117 | 9.561 | 10.454 | 12.383 | 12.947 | 16.319 | 17.819 | 15.883 | 12.662 | 13.956 | 13.805 | 11.652 | 16.152 | 16.186 | 15.883 | 12.662 | 13.956 | 13.805 | 11.652 | 16.152 | 16.186 | 15.881 | 12.660 | 13.954 | 14.193 | |
| 22 | 23 | 10.407 | 9.647 | 9.478 | 11.197 | 13.642 | 9.453 | 7.403 | 8.818 | 9.776 | 11.465 | 15.851 | 15.682 | 12.008 | 9.778 | 11.863 | 10.870 | 10.437 | 15.597 | 13.953 | 12.008 | 9.778 | 11.863 | 10.870 | 10.437 | 15.597 | 13.953 | 12.006 | 9.776 | 11.861 | 12.345 | |
| 23 | 24 | 8.561 | 8.325 | 7.993 | 10.622 | 10.105 | 8.369 | 7.395 | 7.442 | 9.591 | 9.243 | 11.680 | 11.014 | 10.982 | 9.152 | 10.713 | 9.999 | 9.036 | 11.788 | 11.225 | 10.982 | 9.152 | 10.713 | 9.999 | 9.036 | 11.788 | 11.225 | 10.980 | 9.150 | 10.711 | 10.515 | |
| Total zi | | **172.961** | **177.673** | **202.842** | **251.576** | **261.676** | **196.702** | **174.821** | **194.133** | **208.882** | **206.709** | **346.278** | **324.724** | **276.310** | **246.423** | **245.548** | **239.835** | **209.507** | **309.605** | **311.324** | **276.310** | **246.423** | **245.548** | **239.835** | **209.507** | **309.605** | **311.324** | **276.264** | **246.382** | **245.505** | **276.991** | **0.000** |

| | |
|---|---|
| Total luna ore de noapte | 1,722.231 |
| Total luna ore de zi | 5,718.992 |
| Total Luna | **7,441.223** |

Vanzator
Hidroelectrica SA

Cumparator
SC CEZ VANZARE SA

## Tabel 2.12 - cantitatile de energie electrica orare contractate in luna Decembrie 2017

Cantitati de energie electrica orare contractate in Decembrie 2017

MWh

| Ora de la | Ora pana la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 4.044 | 5.243 | 7.862 | 9.587 | 9.418 | 7.565 | 9.989 | 9.870 | 8.264 | 10.460 | 11.246 | 8.851 | 6.596 | 6.596 | 6.763 | 7.894 | 7.560 | 6.542 | 9.549 | 8.851 | 6.596 | 6.763 | 7.894 | 6.167 | 11.703 | 10.003 | 10.863 | 11.734 | 12.316 | 8.073 | 10.264 |
| 1 | 2 | 2.367 | 4.112 | 7.079 | 8.828 | 7.647 | 6.845 | 8.787 | 7.357 | 7.553 | 9.114 | 9.549 | 6.753 | 5.157 | 5.157 | 5.659 | 5.905 | 7.093 | 5.310 | 9.549 | 6.753 | 5.157 | 5.659 | 5.905 | 5.452 | 10.882 | 7.967 | 9.362 | 11.165 | 11.277 | 5.695 | 10.014 |
| 2 | 3 | 1.407 | 3.357 | 6.777 | 8.299 | 7.403 | 6.907 | 8.200 | 5.754 | 7.859 | 9.307 | 9.149 | 6.174 | 4.669 | 4.669 | 5.405 | 5.070 | 6.454 | 5.054 | 9.149 | 6.174 | 4.669 | 5.405 | 5.070 | 5.712 | 9.852 | 7.325 | 8.701 | 9.729 | 10.590 | 6.106 | 8.833 |
| 3 | 4 | 1.783 | 3.288 | 10.212 | 7.406 | 7.757 | 6.369 | 8.039 | 5.789 | 7.914 | 14.103 | 8.262 | 5.377 | 5.153 | 5.153 | 5.556 | 4.487 | 6.950 | 10.283 | 8.262 | 5.377 | 5.153 | 5.556 | 4.487 | 5.312 | 9.299 | 7.087 | 8.443 | 10.043 | 10.720 | 6.430 | 9.241 |
| 4 | 5 | 2.240 | 3.301 | 6.595 | 7.775 | 8.110 | 6.292 | 8.075 | 5.200 | 7.109 | 8.649 | 8.127 | 5.328 | 5.203 | 5.203 | 5.203 | 4.892 | 7.409 | 4.620 | 8.127 | 5.328 | 5.203 | 5.203 | 4.892 | 5.143 | 9.583 | 7.269 | 9.144 | 10.279 | 9.986 | 6.186 | 8.861 |
| 5 | 6 | 2.037 | 4.265 | 6.420 | 8.748 | 8.041 | 6.803 | 7.943 | 5.163 | 7.951 | 8.454 | 8.467 | 5.500 | 4.752 | 4.752 | 4.744 | 4.834 | 7.793 | 4.598 | 8.467 | 5.500 | 4.752 | 4.744 | 4.834 | 6.078 | 10.013 | 7.433 | 9.181 | 10.626 | 10.055 | 6.362 | 8.575 |
| 6 | 7 | 4.231 | 6.776 | 7.456 | 10.184 | 9.028 | 7.538 | 9.598 | 7.332 | 10.767 | 8.964 | 9.789 | 7.621 | 6.431 | 6.431 | 6.905 | 7.060 | 10.002 | 5.736 | 9.789 | 7.621 | 6.431 | 6.905 | 7.060 | 8.416 | 11.254 | 8.051 | 11.372 | 12.157 | 10.182 | 8.534 | 9.480 |
| 7 | 8 | 8.108 | 7.209 | 9.479 | 9.347 | 10.664 | 9.184 | 9.539 | 7.922 | 13.976 | 12.209 | 11.226 | 9.078 | 9.444 | 9.444 | 9.387 | 10.536 | 11.243 | 7.206 | 11.226 | 9.078 | 9.444 | 9.387 | 10.536 | 9.501 | 12.892 | 11.854 | 16.799 | 18.366 | 10.845 | 11.216 | 11.266 |
| 8 | 9 | 6.999 | 8.283 | 10.809 | 8.149 | 8.367 | 7.532 | 7.919 | 4.834 | 13.736 | 13.447 | 9.201 | 6.110 | 8.049 | 8.049 | 7.984 | 10.265 | 12.620 | 7.249 | 9.201 | 6.110 | 8.049 | 7.984 | 10.265 | 10.310 | 14.544 | 11.880 | 17.833 | 18.292 | 10.479 | 10.878 | 14.066 |
| 9 | 10 | 6.597 | 10.063 | 10.708 | 7.929 | 8.040 | 7.637 | 7.831 | 4.811 | 13.816 | 14.049 | 9.072 | 6.252 | 8.451 | 8.451 | 7.500 | 10.524 | 12.623 | 6.874 | 9.072 | 6.252 | 8.451 | 7.500 | 10.524 | 10.207 | 14.403 | 12.333 | 19.615 | 15.810 | 9.235 | 10.662 | 15.376 |
| 10 | 11 | 6.394 | 11.656 | 12.561 | 8.020 | 7.914 | 9.877 | 8.578 | 5.980 | 11.734 | 14.072 | 8.609 | 5.770 | 7.345 | 7.345 | 6.662 | 9.740 | 12.957 | 5.882 | 8.609 | 5.770 | 7.345 | 6.662 | 9.740 | 10.127 | 13.447 | 12.659 | 20.282 | 15.271 | 7.521 | 10.298 | 15.770 |
| 11 | 12 | 7.697 | 11.740 | 12.397 | 9.495 | 8.639 | 11.057 | 10.548 | 5.495 | 12.113 | 14.448 | 8.328 | 5.886 | 7.448 | 7.448 | 6.667 | 9.373 | 12.674 | 7.355 | 8.328 | 5.886 | 7.448 | 6.667 | 9.373 | 10.103 | 12.293 | 12.695 | 19.942 | 14.922 | 7.536 | 10.204 | 16.255 |
| 12 | 13 | 7.418 | 11.617 | 13.179 | 9.278 | 8.382 | 10.425 | 10.562 | 6.098 | 14.839 | 14.731 | 7.918 | 7.408 | 8.389 | 8.389 | 8.311 | 10.538 | 13.092 | 7.701 | 7.918 | 7.408 | 8.389 | 8.311 | 10.538 | 9.718 | 12.116 | 11.855 | 18.373 | 13.439 | 6.887 | 9.673 | 16.815 |
| 13 | 14 | 6.662 | 11.511 | 13.427 | 8.947 | 7.894 | 10.524 | 10.969 | 10.247 | 14.052 | 14.517 | 7.888 | 8.063 | 8.182 | 8.182 | 8.166 | 10.663 | 13.648 | 6.594 | 7.888 | 8.063 | 8.182 | 8.166 | 10.663 | 9.738 | 11.643 | 11.333 | 18.449 | 11.963 | 6.062 | 9.174 | 16.455 |
| 14 | 15 | 6.904 | 10.489 | 14.823 | 9.794 | 8.707 | 10.252 | 9.593 | 10.201 | 14.497 | 15.478 | 8.088 | 8.245 | 8.968 | 8.968 | 9.184 | 8.934 | 14.752 | 8.255 | 8.088 | 8.245 | 8.968 | 9.184 | 8.934 | 10.862 | 11.486 | 11.932 | 17.723 | 12.551 | 6.493 | 10.738 | 17.193 |
| 15 | 16 | 7.168 | 11.231 | 14.815 | 11.613 | 9.559 | 11.028 | 9.644 | 9.227 | 13.919 | 14.625 | 9.392 | 7.956 | 9.016 | 9.016 | 9.400 | 9.061 | 14.438 | 7.881 | 9.392 | 7.956 | 9.016 | 9.400 | 9.061 | 11.220 | 11.454 | 13.001 | 17.347 | 13.242 | 8.212 | 11.092 | 17.281 |
| 16 | 17 | 9.045 | 10.968 | 14.473 | 12.904 | 9.688 | 11.151 | 10.651 | 9.559 | 14.087 | 15.321 | 11.333 | 10.573 | 11.280 | 11.280 | 11.613 | 9.660 | 13.693 | 8.535 | 11.333 | 10.573 | 11.280 | 11.613 | 9.660 | 13.266 | 12.960 | 14.617 | 17.690 | 14.635 | 8.458 | 12.388 | 17.838 |
| 17 | 18 | 11.270 | 14.109 | 16.224 | 12.414 | 12.159 | 14.282 | 13.311 | 11.443 | 15.586 | 16.701 | 13.889 | 12.357 | 14.232 | 14.232 | 14.441 | 12.565 | 15.503 | 10.664 | 13.889 | 12.357 | 14.232 | 14.441 | 12.565 | 15.950 | 16.774 | 17.039 | 19.041 | 19.240 | 13.715 | 14.776 | 21.275 |
| 18 | 19 | 13.190 | 15.495 | 16.024 | 12.074 | 12.813 | 14.562 | 13.773 | 12.841 | 15.094 | 18.375 | 12.369 | 12.015 | 14.717 | 14.717 | 14.815 | 14.280 | 16.019 | 12.817 | 12.369 | 12.015 | 14.717 | 14.815 | 14.280 | 16.777 | 18.892 | 17.752 | 20.577 | 20.054 | 15.601 | 15.601 | 23.090 |
| 19 | 20 | 13.028 | 14.581 | 17.809 | 12.289 | 12.629 | 14.673 | 13.007 | 11.498 | 16.055 | 17.842 | 13.515 | 12.028 | 14.298 | 14.298 | 13.235 | 13.468 | 15.938 | 12.893 | 13.515 | 12.028 | 14.298 | 13.235 | 13.468 | 17.198 | 18.828 | 18.871 | 21.091 | 20.002 | 16.784 | 16.784 | 22.015 |
| 20 | 21 | 12.283 | 13.591 | 17.385 | 12.587 | 12.891 | 13.099 | 11.360 | 11.650 | 15.218 | 18.182 | 13.722 | 11.702 | 12.362 | 12.362 | 12.961 | 13.556 | 16.010 | 12.305 | 13.722 | 11.702 | 12.362 | 12.961 | 13.556 | 16.182 | 18.092 | 17.772 | 20.099 | 19.159 | 16.123 | 16.123 | 21.367 |
| 21 | 22 | 10.140 | 11.246 | 14.568 | 12.568 | 10.581 | 13.084 | 11.414 | 10.904 | 13.396 | 18.425 | 13.798 | 12.026 | 11.443 | 11.443 | 12.946 | 11.544 | 13.773 | 10.500 | 13.798 | 12.026 | 11.443 | 12.946 | 11.544 | 14.815 | 16.649 | 16.881 | 17.626 | 18.033 | 14.661 | 14.661 | 20.059 |
| 22 | 23 | 8.404 | 10.571 | 12.679 | 11.088 | 10.321 | 10.495 | 9.277 | 11.720 | 11.577 | 17.685 | 11.484 | 10.178 | 9.600 | 9.600 | 11.411 | 10.538 | 12.135 | 10.299 | 11.484 | 10.178 | 9.600 | 11.411 | 10.538 | 12.463 | 15.373 | 16.582 | 17.312 | 17.214 | 14.082 | 14.082 | 19.956 |
| 23 | 24 | 6.457 | 9.616 | 10.808 | 10.686 | 11.778 | 12.427 | 14.163 | 11.924 | 11.255 | 13.367 | 9.983 | 9.747 | 9.801 | 9.801 | 11.816 | 8.325 | 10.179 | 9.549 | 9.983 | 9.747 | 9.801 | 11.816 | 8.325 | 10.997 | 12.521 | 13.912 | 13.743 | 15.470 | 12.680 | 12.680 | 19.063 |
| Total zi | | **165.873** | **224.318** | **284.569** | **240.009** | **228.430** | **239.608** | **242.770** | **202.819** | **292.367** | **332.525** | **244.404** | **200.998** | **210.986** | **210.986** | **216.734** | **223.712** | **284.558** | **194.702** | **242.707** | **200.998** | **210.986** | **216.734** | **223.712** | **251.714** | **316.953** | **298.103** | **380.608** | **353.396** | **260.500** | **258.416** | **370.408** |

| | |
|---|---|
| Total luna ore de noapte | 2,062.932 |
| Total luna ore de zi | 5,762.671 |
| Total Luna | **7,825.603** |

Vanzator
SC Hidroelectrica SA

Cumparator
SC CEZ VANZARE SA

CHE cu Pi > 100 MW

**Tabel 2.1 - cantitatile de energie electrica orare contractate in luna lanuarie 2017**

**Cantitati de energie electrica orare contractate in lanuarie 2017**

MWh

| Ora de la | Ora pina la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 10.276 | 4.891 | 5.335 | 4.849 | 3.743 | 3.082 | 3.128 | 3.564 | 2.883 | 2.000 | 1.917 | 1.453 | 2.003 | 2.656 | 3.092 | 2.907 | 2.748 | 3.400 | 3.840 | 3.538 | 4.330 | 4.965 | 4.188 | 3.631 | 3.057 | 2.695 | 1.988 | 2.213 | 3.015 | 2.586 | 1.495 |
| 1 | 2 | 8.731 | 4.234 | 4.619 | 3.875 | 2.855 | 2.573 | 2.320 | 2.663 | 2.146 | 1.316 | 1.185 | 0.981 | 1.238 | 1.828 | 2.100 | 2.266 | 2.084 | 2.869 | 3.103 | 2.832 | 3.468 | 4.195 | 3.605 | 2.972 | 2.258 | 1.863 | 1.296 | 1.417 | 2.370 | 1.846 | 0.873 |
| 2 | 3 | 7.533 | 3.862 | 3.988 | 3.603 | 2.484 | 2.143 | 2.044 | 2.206 | 1.851 | 1.036 | 0.907 | 0.716 | 1.049 | 1.615 | 1.480 | 1.944 | 1.888 | 2.667 | 2.859 | 2.573 | 3.182 | 3.983 | 3.344 | 2.686 | 2.033 | 1.646 | 1.076 | 1.216 | 2.045 | 1.580 | 0.724 |
| 3 | 4 | 6.605 | 3.700 | 3.875 | 3.462 | 2.357 | 1.914 | 1.925 | 2.052 | 1.672 | 0.922 | 0.765 | 0.536 | 0.982 | 1.066 | 1.287 | 1.897 | 2.008 | 2.662 | 2.968 | 2.568 | 2.980 | 3.858 | 3.370 | 2.595 | 1.976 | 1.447 | 0.936 | 1.090 | 1.828 | 1.397 | 0.681 |
| 4 | 5 | 5.904 | 3.693 | 3.828 | 3.637 | 2.372 | 1.945 | 1.862 | 2.059 | 1.730 | 1.044 | 0.813 | 0.633 | 1.120 | 1.213 | 1.288 | 1.853 | 2.091 | 2.858 | 3.117 | 2.700 | 3.098 | 3.946 | 3.543 | 2.693 | 2.076 | 1.532 | 0.974 | 1.149 | 1.851 | 1.572 | 0.841 |
| 5 | 6 | 5.499 | 3.758 | 3.967 | 4.261 | 2.798 | 2.409 | 2.182 | 2.218 | 2.368 | 1.528 | 1.313 | 1.092 | 1.597 | 1.791 | 1.608 | 2.345 | 2.693 | 3.643 | 3.841 | 3.318 | 3.613 | 4.285 | 4.240 | 3.269 | 2.640 | 2.202 | 1.666 | 1.507 | 2.076 | 2.263 | 1.376 |
| 6 | 7 | 5.475 | 4.390 | 4.636 | 5.188 | 3.807 | 3.243 | 3.277 | 3.100 | 3.608 | 2.969 | 2.841 | 2.861 | 3.281 | 2.765 | 2.205 | 3.848 | 4.159 | 4.975 | 5.219 | 4.600 | 4.783 | 5.000 | 5.659 | 4.701 | 4.018 | 3.715 | 3.108 | 2.699 | 2.940 | 3.760 | 2.751 |
| 7 | 8 | 5.974 | 5.610 | 5.861 | 6.217 | 4.323 | 3.479 | 4.443 | 3.977 | 4.220 | 3.725 | 3.478 | 3.783 | 3.960 | 3.777 | 2.879 | 4.099 | 5.285 | 6.015 | 6.204 | 5.639 | 6.179 | 6.311 | 6.345 | 5.509 | 4.550 | 4.228 | 3.733 | 3.701 | 3.716 | 3.759 | 2.931 |
| 8 | 9 | 6.399 | 6.984 | 7.283 | 6.736 | 5.094 | 3.910 | 5.824 | 5.009 | 3.505 | 3.310 | 2.626 | 3.293 | 3.551 | 5.021 | 3.375 | 3.539 | 5.044 | 5.384 | 5.771 | 5.177 | 7.608 | 7.666 | 5.794 | 4.969 | 3.918 | 3.477 | 2.891 | 4.827 | 4.914 | 3.695 | 1.956 |
| 9 | 10 | 6.429 | 8.084 | 8.096 | 7.268 | 5.034 | 3.680 | 6.584 | 5.259 | 2.996 | 3.132 | 2.299 | 2.149 | 3.076 | 6.098 | 4.053 | 3.334 | 4.421 | 4.883 | 5.163 | 4.451 | 8.079 | 8.095 | 5.606 | 4.252 | 3.199 | 2.737 | 2.192 | 4.730 | 4.893 | 3.204 | 0.808 |
| 10 | 11 | 6.466 | 8.495 | 8.417 | 7.623 | 5.299 | 4.048 | 7.139 | 5.439 | 2.655 | 3.333 | 2.200 | 1.866 | 3.124 | 6.319 | 4.043 | 3.185 | 4.074 | 4.398 | 4.714 | 3.796 | 8.056 | 8.051 | 4.457 | 3.745 | 2.993 | 2.046 | 1.469 | 4.382 | 4.807 | 2.658 | 0.117 |
| 11 | 12 | 6.591 | 8.531 | 8.643 | 7.850 | 5.016 | 4.099 | 7.165 | 5.697 | 2.984 | 3.103 | 1.818 | 1.934 | 2.523 | 6.531 | 4.500 | 3.184 | 3.518 | 3.904 | 4.197 | 3.741 | 7.748 | 7.963 | 4.623 | 3.760 | 2.860 | 1.534 | 1.261 | 4.426 | 4.431 | 1.960 | 0.000 |
| 12 | 13 | 6.526 | 8.422 | 8.573 | 7.456 | 4.779 | 3.637 | 6.969 | 5.592 | 2.447 | 2.798 | 1.494 | 1.827 | 2.680 | 6.169 | 4.460 | 2.895 | 2.993 | 3.287 | 4.298 | 3.774 | 7.596 | 7.646 | 4.331 | 3.175 | 2.379 | 1.763 | 1.266 | 4.162 | 4.312 | 0.917 | 0.000 |
| 13 | 14 | 6.244 | 7.873 | 8.253 | 7.106 | 4.197 | 3.417 | 6.616 | 5.535 | 1.990 | 2.120 | 1.420 | 1.715 | 3.166 | 6.123 | 3.971 | 2.892 | 2.994 | 3.760 | 3.952 | 3.594 | 6.945 | 7.042 | 4.131 | 3.361 | 2.228 | 1.459 | 1.869 | 3.890 | 4.391 | 0.613 | 0.000 |
| 14 | 15 | 6.045 | 7.610 | 8.017 | 6.987 | 4.076 | 3.323 | 6.382 | 5.560 | 2.193 | 2.168 | 1.440 | 1.824 | 3.504 | 6.105 | 4.253 | 3.028 | 3.013 | 3.509 | 3.897 | 3.539 | 7.078 | 6.751 | 4.302 | 3.315 | 2.319 | 1.487 | 1.686 | 4.105 | 4.438 | 0.334 | 0.147 |
| 15 | 16 | 6.059 | 7.806 | 8.134 | 7.302 | 4.248 | 3.504 | 6.483 | 5.771 | 2.453 | 2.540 | 1.468 | 1.851 | 3.941 | 6.431 | 4.616 | 3.058 | 3.185 | 3.631 | 4.105 | 3.943 | 7.149 | 6.828 | 4.283 | 3.446 | 2.619 | 2.257 | 2.192 | 4.226 | 4.911 | 0.872 | 0.500 |
| 16 | 17 | 7.146 | 8.786 | 9.193 | 8.513 | 5.293 | 4.583 | 7.266 | 6.793 | 3.759 | 3.598 | 2.499 | 3.185 | 5.021 | 7.308 | 5.727 | 3.874 | 4.102 | 4.829 | 4.895 | 4.981 | 7.965 | 7.461 | 5.258 | 4.207 | 3.612 | 3.348 | 3.363 | 4.934 | 5.555 | 1.816 | 1.343 |
| 17 | 18 | 10.262 | 11.364 | 11.496 | 10.542 | 7.858 | 7.624 | 9.297 | 8.431 | 6.132 | 5.907 | 5.416 | 5.154 | 6.495 | 8.683 | 7.657 | 6.447 | 6.878 | 7.177 | 7.066 | 7.376 | 9.827 | 9.334 | 7.456 | 6.345 | 6.014 | 5.647 | 5.991 | 6.392 | 6.968 | 3.936 | 3.408 |
| 18 | 19 | 10.928 | 12.249 | 11.912 | 10.935 | 8.588 | 9.227 | 10.401 | 9.369 | 7.483 | 7.658 | 6.967 | 7.168 | 7.730 | 9.144 | 9.246 | 8.273 | 9.111 | 9.181 | 8.752 | 9.068 | 11.709 | 11.295 | 9.282 | 8.483 | 8.330 | 7.945 | 7.960 | 8.545 | 8.502 | 6.795 | 6.119 |
| 19 | 20 | 10.580 | 11.848 | 11.454 | 10.770 | 8.352 | 9.027 | 9.957 | 9.022 | 7.800 | 7.501 | 7.162 | 7.517 | 7.773 | 9.680 | 9.061 | 8.424 | 9.362 | 9.013 | 9.074 | 9.308 | 11.308 | 11.144 | 9.509 | 8.697 | 8.769 | 8.272 | 7.988 | 8.614 | 7.764 | 7.480 | 6.534 |
| 20 | 21 | 10.077 | 10.677 | 10.576 | 9.667 | 7.353 | 8.047 | 8.961 | 8.286 | 6.880 | 6.738 | 5.755 | 6.870 | 6.879 | 8.345 | 8.287 | 7.655 | 8.237 | 8.264 | 8.058 | 8.476 | 10.386 | 10.214 | 8.443 | 7.882 | 7.676 | 7.125 | 6.868 | 7.904 | 7.086 | 6.309 | 5.812 |
| 21 | 22 | 8.402 | 9.095 | 9.170 | 8.114 | 6.515 | 6.633 | 7.594 | 6.885 | 5.456 | 5.542 | 4.706 | 5.576 | 5.954 | 6.952 | 6.998 | 6.502 | 7.063 | 6.920 | 6.749 | 7.516 | 8.762 | 8.611 | 7.161 | 6.520 | 6.268 | 5.883 | 5.537 | 6.729 | 5.835 | 4.966 | 4.470 |
| 22 | 23 | 7.420 | 7.844 | 7.960 | 6.754 | 5.525 | 5.607 | 6.326 | 5.721 | 4.022 | 4.814 | 3.997 | 4.856 | 5.274 | 5.657 | 5.895 | 5.267 | 6.128 | 6.424 | 6.034 | 6.803 | 7.494 | 7.269 | 6.388 | 5.863 | 5.269 | 4.710 | 4.683 | 5.300 | 4.817 | 3.615 | 3.925 |
| 23 | 24 | 6.488 | 6.466 | 6.392 | 5.471 | 4.329 | 4.191 | 4.741 | 4.397 | 3.156 | 3.190 | 2.760 | 3.290 | 3.844 | 4.440 | 4.175 | 3.794 | 4.735 | 4.994 | 4.522 | 5.291 | 6.200 | 5.804 | 4.872 | 4.385 | 4.043 | 3.635 | 3.228 | 4.204 | 3.468 | 2.520 | 2.475 |
| Total zi | | **178.059** | **176.272** | **179.678** | **164.186** | **116.295** | **105.345** | **138.886** | **124.605** | **86.389** | **81.992** | **67.246** | **72.130** | **89.765** | **125.717** | **106.256** | **96.510** | **107.814** | **118.647** | **122.398** | **118.602** | **165.543** | **167.717** | **130.190** | **110.461** | **95.104** | **82.653** | **75.221** | **102.362** | **106.933** | **70.453** | **49.286** |

| | |
|---|---|
| Total luna ore de noapte | 792.355 |
| Total luna ore de zi | 2,740.360 |
| Total luna = | **3,532.715** |

Vanzator
Hidroelectrica SA

Cumparator
SC CEZ VANZARE SA

## Tabel 2.2 - cantitatile de energie electrica orare contractate in luna Februarie 2017

Cantitati de energie electrica orare contractate in Februarie 2017

MWh

| Ora de la | pina la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 4.663 | 4.672 | 4.870 | 5.671 | 6.510 | 5.989 | 5.566 | 5.008 | 4.952 | 5.271 | 5.328 | 5.880 | 5.549 | 4.781 | 3.936 | 4.234 | 4.516 | 5.184 | 6.288 | 5.649 | 4.229 | 3.808 | 4.300 | 4.526 | 4.906 | 6.047 | 5.309 | 4.276 | | | |
| 1 | 2 | 3.891 | 3.698 | 4.081 | 4.782 | 5.609 | 4.953 | 4.519 | 4.095 | 4.050 | 4.209 | 4.326 | 4.874 | 4.567 | 3.857 | 2.976 | 3.277 | 3.670 | 4.132 | 5.179 | 4.550 | 3.298 | 2.973 | 3.499 | 3.688 | 4.034 | 5.103 | 4.479 | 3.558 | | | |
| 2 | 3 | 3.889 | 3.385 | 3.835 | 4.442 | 5.243 | 4.703 | 4.156 | 3.675 | 3.585 | 3.814 | 3.978 | 4.518 | 4.178 | 3.310 | 2.476 | 2.865 | 3.267 | 3.548 | 4.793 | 4.299 | 3.153 | 2.572 | 3.092 | 3.486 | 3.604 | 4.671 | 4.140 | 3.282 | | | |
| 3 | 4 | 3.679 | 3.292 | 3.680 | 4.350 | 5.252 | 4.525 | 4.147 | 3.472 | 3.457 | 3.622 | 3.755 | 4.189 | 3.737 | 3.277 | 2.460 | 2.779 | 3.253 | 3.299 | 4.548 | 4.086 | 2.939 | 2.448 | 3.002 | 3.262 | 3.553 | 4.430 | 3.989 | 3.214 | | | |
| 4 | 5 | 3.856 | 3.489 | 3.884 | 4.363 | 5.218 | 4.655 | 4.117 | 3.607 | 3.597 | 3.677 | 3.836 | 4.199 | 3.868 | 3.232 | 2.370 | 2.968 | 3.322 | 3.540 | 4.558 | 4.285 | 3.143 | 2.506 | 3.055 | 3.356 | 3.662 | 4.335 | 4.096 | 3.287 | | | |
| 5 | 6 | 4.701 | 4.186 | 4.515 | 4.861 | 5.630 | 5.365 | 4.906 | 4.311 | 4.188 | 4.358 | 4.271 | 4.520 | 4.806 | 3.934 | 3.190 | 3.625 | 3.999 | 4.003 | 4.802 | 4.898 | 3.712 | 3.304 | 3.859 | 4.114 | 4.173 | 4.741 | 4.848 | 4.025 | | | |
| 6 | 7 | 6.537 | 6.048 | 5.833 | 6.258 | 6.611 | 6.590 | 6.239 | 5.816 | 5.616 | 5.590 | 5.719 | 5.512 | 6.409 | 5.827 | 4.740 | 5.388 | 5.718 | 5.388 | 5.550 | 6.527 | 5.665 | 4.836 | 5.597 | 6.047 | 5.409 | 5.429 | 6.528 | 5.936 | | | |
| 7 | 8 | 7.115 | 6.648 | 6.014 | 7.686 | 7.756 | 6.599 | 6.683 | 6.192 | 5.777 | 5.664 | 6.721 | 6.783 | 6.176 | 5.565 | 4.623 | 4.831 | 5.015 | 6.084 | 6.752 | 5.966 | 5.526 | 5.138 | 5.786 | 5.693 | 6.972 | 6.743 | 6.889 | 5.810 | | | |
| 8 | 9 | 6.779 | 6.789 | 6.917 | 9.022 | 8.769 | 6.657 | 6.787 | 6.221 | 5.685 | 5.682 | 8.538 | 8.199 | 5.663 | 4.903 | 4.002 | 4.555 | 5.559 | 7.807 | 8.053 | 5.654 | 4.962 | 4.507 | 4.661 | 5.116 | 8.012 | 7.940 | 5.736 | 4.004 | | | |
| 9 | 10 | 6.061 | 6.801 | 6.818 | 9.457 | 8.815 | 6.300 | 7.138 | 6.350 | 5.742 | 4.962 | 9.869 | 8.777 | 5.544 | 4.540 | 3.977 | 4.555 | 4.950 | 8.673 | 8.085 | 4.129 | 4.130 | 3.598 | 4.444 | 4.528 | 8.686 | 8.517 | 4.906 | 2.695 | | | |
| 10 | 11 | 5.767 | 7.216 | 7.011 | 9.344 | 8.843 | 5.712 | 6.665 | 6.439 | 5.171 | 4.697 | 10.504 | 8.698 | 5.225 | 4.113 | 4.051 | 4.614 | 5.020 | 8.795 | 8.028 | 3.998 | 3.686 | 3.039 | 4.477 | 4.432 | 9.098 | 8.874 | 4.887 | 1.954 | | | |
| 11 | 12 | 5.329 | 7.223 | 7.082 | 9.000 | 8.624 | 5.469 | 6.000 | 6.402 | 4.975 | 4.240 | 10.768 | 8.685 | 5.260 | 3.318 | 3.982 | 4.545 | 4.669 | 8.540 | 7.749 | 3.631 | 3.133 | 2.693 | 3.712 | 3.675 | 9.026 | 9.116 | 4.208 | 0.601 | | | |
| 12 | 13 | 4.871 | 6.867 | 6.352 | 8.583 | 8.216 | 5.347 | 5.302 | 6.048 | 4.695 | 3.729 | 9.954 | 7.755 | 4.475 | 1.630 | 3.090 | 4.544 | 4.284 | 8.016 | 7.751 | 3.144 | 2.703 | 2.270 | 3.648 | 2.942 | 8.783 | 8.796 | 4.004 | 0.000 | | | |
| 13 | 14 | 4.566 | 6.532 | 6.103 | 7.998 | 7.818 | 4.628 | 5.025 | 5.807 | 5.068 | 3.505 | 9.583 | 6.879 | 4.377 | 1.806 | 3.063 | 4.940 | 4.582 | 7.830 | 7.039 | 2.667 | 2.386 | 2.460 | 3.451 | 2.613 | 8.858 | 8.519 | 3.778 | 0.009 | | | |
| 14 | 15 | 4.411 | 6.291 | 5.965 | 7.732 | 7.652 | 4.530 | 4.614 | 5.672 | 4.968 | 3.714 | 9.713 | 6.416 | 3.986 | 1.540 | 2.823 | 5.105 | 4.716 | 7.496 | 6.323 | 2.677 | 2.295 | 3.072 | 3.202 | 3.645 | 8.792 | 8.115 | 3.908 | 0.766 | | | |
| 15 | 16 | 4.273 | 6.790 | 5.787 | 8.036 | 7.625 | 4.666 | 4.347 | 6.243 | 5.089 | 4.477 | 10.022 | 6.056 | 3.516 | 1.567 | 3.813 | 5.171 | 4.824 | 7.294 | 6.480 | 2.629 | 2.528 | 3.281 | 3.139 | 3.870 | 9.270 | 8.164 | 3.858 | 1.462 | | | |
| 16 | 17 | 5.137 | 7.834 | 6.497 | 8.841 | 8.230 | 5.172 | 5.343 | 7.175 | 5.828 | 6.014 | 10.903 | 6.718 | 4.415 | 1.878 | 4.654 | 5.917 | 5.462 | 7.811 | 7.236 | 3.144 | 3.085 | 4.118 | 3.905 | 4.300 | 10.374 | 8.832 | 4.370 | 2.197 | | | |
| 17 | 18 | 7.756 | 10.275 | 8.360 | 10.613 | 9.894 | 7.475 | 7.551 | 8.997 | 7.561 | 7.479 | 12.084 | 8.348 | 5.971 | 3.522 | 6.502 | 7.084 | 6.094 | 8.765 | 8.297 | 4.949 | 4.793 | 5.130 | 5.617 | 5.916 | 11.584 | 10.001 | 5.704 | 3.750 | | | |
| 18 | 19 | 11.231 | 12.435 | 11.832 | 14.505 | 13.419 | 11.904 | 11.803 | 11.475 | 10.463 | 11.163 | 13.716 | 12.594 | 9.943 | 7.541 | 8.867 | 9.752 | 9.400 | 12.236 | 11.973 | 8.747 | 9.325 | 8.724 | 9.855 | 9.710 | 13.626 | 12.596 | 9.187 | 7.701 | | | |
| 19 | 20 | 11.767 | 11.830 | 12.436 | 15.066 | 13.813 | 12.660 | 12.621 | 12.344 | 11.684 | 12.487 | 13.425 | 13.715 | 11.573 | 9.430 | 10.813 | 10.860 | 10.991 | 13.260 | 13.676 | 11.078 | 11.009 | 11.855 | 12.032 | 11.891 | 14.371 | 13.619 | 11.585 | 11.359 | | | |
| 20 | 21 | 10.585 | 10.643 | 11.302 | 13.666 | 12.706 | 11.241 | 11.463 | 11.015 | 11.028 | 11.299 | 12.277 | 12.585 | 10.629 | 8.787 | 10.103 | 9.476 | 9.810 | 13.375 | 12.703 | 10.095 | 10.704 | 10.345 | 11.159 | 11.059 | 12.953 | 12.637 | 10.489 | 10.545 | | | |
| 21 | 22 | 8.682 | 9.128 | 10.051 | 11.576 | 11.555 | 9.302 | 9.743 | 9.444 | 9.200 | 9.317 | 10.567 | 10.512 | 8.808 | 7.628 | 8.027 | 8.092 | 8.164 | 11.697 | 11.114 | 8.126 | 8.483 | 8.708 | 9.057 | 9.220 | 11.304 | 11.035 | 8.719 | 8.528 | | | |
| 22 | 23 | 7.360 | 7.785 | 8.683 | 9.593 | 10.108 | 8.241 | 8.248 | 8.202 | 8.153 | 8.519 | 9.026 | 8.633 | 7.627 | 6.290 | 6.639 | 7.269 | 7.260 | 9.587 | 8.585 | 7.498 | 6.441 | 7.207 | 8.102 | 8.031 | 8.964 | 9.317 | 6.814 | 6.531 | | | |
| 23 | 24 | 6.167 | 6.477 | 7.106 | 7.267 | 8.073 | 6.607 | 6.424 | 6.458 | 6.829 | 6.751 | 7.330 | 6.545 | 5.881 | 5.219 | 5.232 | 5.236 | 6.336 | 8.071 | 6.341 | 5.769 | 5.244 | 5.782 | 6.098 | 5.683 | 7.458 | 7.079 | 5.925 | 4.591 | | | |
| Total zi | | **149.073** | **166.334** | **165.014** | **202.712** | **201.989** | **159.290** | **159.407** | **160.468** | **147.361** | **144.240** | **206.213** | **181.590** | **142.183** | **107.495** | **116.409** | **131.682** | **134.881** | **184.431** | **181.903** | **128.195** | **116.572** | **114.374** | **128.749** | **130.803** | **197.472** | **194.656** | **138.356** | **100.081** | | | |

| | |
|---|---|
| Total luna ore de noapte | 1,094.118 |
| Total luna ore de zi | 3,197.815 |
| Total Luna | **4,291.933** |

Vanzator
Hidroelectrica SA

Cumparator
SC CEZ VANZARE SA

## Tabel 2.3 - cantitatile de energie electrica orare contractate in luna Martie 2017

Cantitati de energie electrica orare contractate in Martie 2017

MWh

| Ora de la | Ora pina la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 5.214 | 5.537 | 5.996 | 6.248 | 6.296 | 6.092 | 5.139 | 5.393 | 5.641 | 5.486 | 6.028 | 6.340 | 6.818 | 6.287 | 6.209 | 6.653 | 6.470 | 6.392 | 6.746 | 6.685 | 5.140 | 5.607 | 6.050 | 6.028 | 5.912 | 7.508 | 6.768 | 5.603 | 5.591 | 5.416 | 6.153 |
| 1 | 2 | 4.735 | 4.782 | 5.057 | 5.458 | 5.554 | 5.231 | 4.854 | 4.787 | 4.963 | 4.846 | 5.290 | 5.304 | 6.134 | 5.456 | 5.549 | 5.735 | 5.527 | 5.589 | 6.083 | 5.776 | 4.648 | 4.917 | 5.186 | 5.036 | 5.779 | 6.938 | 6.442 | 5.365 | 5.012 | 4.661 | 5.150 |
| 2 | 3 | 4.129 | 4.551 | 4.676 | 5.028 | 5.215 | 5.215 | 4.500 | 4.482 | 4.589 | 4.598 | 4.859 | 5.028 | 5.699 | 5.269 | 5.307 | 5.581 | 5.210 | 5.063 | 5.766 | 5.654 | 4.429 | 4.696 | 5.103 | 5.032 | 5.438 | 6.706 | 5.905 | 4.933 | 4.631 | 4.232 | 4.785 |
| 3 | 4 | 4.181 | 4.502 | 4.565 | 4.910 | 5.387 | 5.108 | 4.345 | 4.399 | 4.407 | 4.463 | 4.704 | 4.874 | 5.626 | 5.157 | 5.209 | 5.429 | 5.114 | 5.048 | 5.727 | 5.396 | 4.393 | 4.552 | 4.901 | 4.953 | 5.186 | 0.000 | 5.559 | 4.720 | 4.449 | 3.887 | 4.597 |
| 4 | 5 | 4.244 | 4.665 | 4.725 | 4.993 | 5.440 | 5.194 | 4.514 | 4.252 | 4.551 | 4.590 | 4.766 | 4.911 | 5.736 | 5.203 | 5.171 | 5.597 | 5.371 | 5.082 | 6.169 | 5.685 | 4.509 | 4.737 | 4.862 | 4.923 | 5.083 | 6.355 | 5.648 | 4.757 | 4.547 | 3.911 | 4.538 |
| 5 | 6 | 5.037 | 5.377 | 5.302 | 6.054 | 5.803 | 5.906 | 5.255 | 5.170 | 5.128 | 5.326 | 5.273 | 5.168 | 6.428 | 5.898 | 5.846 | 6.282 | 6.217 | 5.855 | 6.472 | 6.227 | 5.099 | 5.466 | 5.494 | 5.307 | 5.798 | 6.360 | 6.013 | 5.099 | 4.605 | 4.606 | 5.273 |
| 6 | 7 | 6.708 | 7.330 | 6.848 | 7.686 | 6.774 | 7.471 | 6.899 | 6.875 | 6.663 | 7.046 | 6.537 | 6.097 | 7.773 | 7.451 | 7.663 | 7.973 | 7.597 | 6.951 | 7.278 | 7.798 | 6.734 | 7.208 | 7.272 | 7.165 | 7.006 | 6.872 | 7.294 | 5.981 | 5.769 | 5.723 | 6.721 |
| 7 | 8 | 6.397 | 7.097 | 7.734 | 8.596 | 7.104 | 7.282 | 6.270 | 6.125 | 7.145 | 6.882 | 7.191 | 6.428 | 7.808 | 7.584 | 7.899 | 7.731 | 6.666 | 8.017 | 8.003 | 7.596 | 6.813 | 7.666 | 7.366 | 7.755 | 8.336 | 7.634 | 7.508 | 5.995 | 5.743 | 4.986 | 6.625 |
| 8 | 9 | 5.078 | 5.593 | 7.136 | 8.558 | 7.359 | 6.250 | 4.533 | 5.221 | 6.435 | 6.355 | 8.694 | 7.239 | 7.461 | 6.769 | 6.871 | 6.960 | 5.431 | 8.736 | 8.912 | 5.728 | 6.305 | 7.286 | 6.510 | 6.301 | 8.327 | 7.958 | 6.334 | 4.901 | 4.389 | 3.815 | 5.352 |
| 9 | 10 | 4.162 | 4.708 | 7.253 | 8.323 | 7.286 | 5.399 | 3.781 | 5.460 | 6.290 | 6.095 | 9.389 | 7.730 | 7.058 | 6.629 | 6.759 | 5.103 | 4.328 | 8.949 | 9.201 | 4.659 | 6.325 | 7.264 | 6.484 | 5.988 | 8.492 | 8.584 | 5.686 | 4.411 | 3.113 | 2.684 | 4.519 |
| 10 | 11 | 3.557 | 4.153 | 7.769 | 7.322 | 6.954 | 4.808 | 3.094 | 5.822 | 5.782 | 6.249 | 9.519 | 8.579 | 6.713 | 6.382 | 6.589 | 4.189 | 3.681 | 8.874 | 9.443 | 3.830 | 6.626 | 7.316 | 6.946 | 5.713 | 8.346 | 8.330 | 5.023 | 4.827 | 2.025 | 1.918 | 4.009 |
| 11 | 12 | 2.740 | 3.813 | 7.681 | 6.856 | 6.367 | 4.106 | 2.795 | 6.175 | 5.979 | 6.293 | 10.043 | 8.854 | 6.682 | 5.700 | 6.321 | 3.460 | 3.080 | 8.303 | 9.151 | 3.104 | 6.790 | 7.159 | 5.972 | 5.978 | 8.018 | 7.951 | 4.679 | 4.741 | 1.935 | 1.561 | 3.405 |
| 12 | 13 | 2.194 | 3.146 | 7.412 | 6.796 | 5.793 | 3.759 | 2.372 | 6.165 | 5.509 | 5.991 | 9.630 | 9.317 | 6.128 | 5.055 | 5.527 | 2.886 | 3.278 | 7.618 | 8.761 | 2.713 | 6.582 | 7.027 | 5.997 | 5.585 | 7.705 | 7.401 | 4.284 | 4.392 | 1.538 | 0.920 | 2.874 |
| 13 | 14 | 2.634 | 3.594 | 7.671 | 6.549 | 5.564 | 3.824 | 2.993 | 6.261 | 5.476 | 5.904 | 9.272 | 9.114 | 6.314 | 5.327 | 5.620 | 4.189 | 3.134 | 7.991 | 8.245 | 3.467 | 6.677 | 7.191 | 5.960 | 5.471 | 7.241 | 7.204 | 3.701 | 4.596 | 1.462 | 1.027 | 2.918 |
| 14 | 15 | 2.996 | 3.700 | 8.234 | 6.419 | 5.230 | 4.194 | 3.194 | 6.616 | 5.671 | 6.403 | 9.604 | 8.797 | 6.353 | 5.438 | 5.731 | 4.559 | 3.275 | 8.125 | 7.748 | 3.746 | 6.622 | 7.534 | 5.078 | 5.560 | 7.401 | 7.625 | 3.434 | 4.211 | 1.475 | 0.906 | 3.071 |
| 15 | 16 | 3.330 | 3.806 | 8.409 | 6.641 | 5.742 | 4.436 | 3.689 | 6.991 | 5.690 | 6.755 | 9.793 | 8.969 | 6.411 | 5.879 | 5.973 | 4.684 | 3.516 | 8.825 | 7.520 | 4.381 | 6.885 | 8.011 | 5.271 | 5.569 | 7.839 | 7.527 | 3.710 | 4.136 | 1.562 | 1.485 | 3.501 |
| 16 | 17 | 4.118 | 5.105 | 9.448 | 7.365 | 6.924 | 5.284 | 4.363 | 7.630 | 6.720 | 7.382 | 10.717 | 9.799 | 6.609 | 7.125 | 6.439 | 5.335 | 4.565 | 9.784 | 7.654 | 4.957 | 7.655 | 9.063 | 6.578 | 5.886 | 8.592 | 8.098 | 3.817 | 4.186 | 1.941 | 1.918 | 3.748 |
| 17 | 18 | 6.119 | 7.101 | 10.832 | 8.479 | 8.447 | 7.085 | 5.381 | 8.762 | 8.564 | 9.059 | 11.376 | 11.187 | 8.383 | 8.770 | 8.064 | 6.905 | 6.561 | 11.450 | 8.675 | 6.300 | 8.785 | 10.135 | 8.355 | 6.583 | 9.594 | 8.827 | 4.628 | 4.634 | 3.099 | 2.217 | 4.518 |
| 18 | 19 | 10.123 | 10.602 | 13.012 | 12.017 | 11.727 | 9.891 | 8.614 | 10.445 | 11.087 | 11.365 | 13.051 | 12.790 | 11.092 | 11.305 | 10.729 | 9.662 | 8.919 | 13.269 | 11.107 | 8.960 | 10.551 | 11.966 | 10.225 | 8.453 | 10.848 | 9.818 | 5.599 | 5.325 | 4.557 | 3.254 | 5.311 |
| 19 | 20 | 13.077 | 13.183 | 13.916 | 14.793 | 14.230 | 12.281 | 12.195 | 12.029 | 13.159 | 12.909 | 14.572 | 14.672 | 13.563 | 13.775 | 13.331 | 14.268 | 14.213 | 15.697 | 14.827 | 12.996 | 12.976 | 13.590 | 12.828 | 12.379 | 14.596 | 11.317 | 8.000 | 7.593 | 6.511 | 5.705 | 7.440 |
| 20 | 21 | 11.954 | 12.213 | 12.462 | 13.673 | 12.880 | 11.188 | 11.546 | 10.850 | 11.961 | 11.711 | 13.037 | 13.502 | 12.534 | 12.809 | 12.416 | 13.430 | 13.838 | 14.455 | 14.173 | 12.166 | 11.296 | 12.893 | 12.409 | 11.779 | 13.913 | 14.522 | 11.754 | 12.028 | 10.732 | 10.456 | 12.232 |
| 21 | 22 | 10.114 | 10.195 | 10.660 | 11.675 | 10.847 | 9.709 | 9.844 | 8.719 | 10.054 | 10.057 | 11.300 | 11.498 | 10.655 | 11.017 | 10.631 | 11.718 | 11.993 | 12.220 | 12.147 | 9.909 | 9.950 | 10.686 | 10.501 | 10.061 | 11.739 | 13.311 | 11.138 | 11.285 | 10.469 | 10.626 | 12.785 |
| 22 | 23 | 8.460 | 8.490 | 9.502 | 9.533 | 8.951 | 7.834 | 7.870 | 7.561 | 8.509 | 8.610 | 9.228 | 9.850 | 8.967 | 9.436 | 9.572 | 9.964 | 10.239 | 9.874 | 9.484 | 8.040 | 8.469 | 9.121 | 8.777 | 8.770 | 9.356 | 10.904 | 8.916 | 8.972 | 8.808 | 8.482 | 10.526 |
| 23 | 24 | 6.911 | 6.689 | 7.538 | 7.440 | 6.804 | 5.950 | 6.775 | 6.530 | 6.893 | 6.859 | 7.011 | 8.414 | 7.220 | 7.819 | 7.709 | 7.762 | 8.243 | 7.965 | 7.388 | 6.540 | 6.845 | 7.050 | 7.369 | 6.539 | 7.550 | 9.040 | 6.879 | 6.643 | 6.738 | 6.593 | 7.820 |
| **Total zi** | | **138.212** | **149.932** | **193.838** | **191.412** | **178.678** | **153.497** | **134.815** | **162.720** | **166.866** | **171.234** | **210.884** | **204.461** | **184.165** | **177.540** | **177.135** | **166.055** | **156.466** | **210.132** | **206.680** | **152.313** | **171.104** | **188.141** | **171.494** | **162.814** | **198.095** | **196.790** | **148.719** | **139.334** | **110.701** | **100.989** | **137.871** |

| | |
|---|---|
| Total luna ore de noapte | 1,487.821 |
| Total luna ore de zi | 3,725.266 |
| Total Luna | **5,213.087** |

Vanzator
Hidroelectrica SA

Cumparator
SC CEZ VANZARE SA

## Tabel 2.4 - cantitatile de energie electrica orare contractate in luna Aprilie 2017

**Cantitati de energie electrica orare contractate in Aprilie 2017**

MWh

| Ora de la | Ora pana la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 7.621 | 8.339 | 7.867 | 7.200 | 6.555 | 6.035 | 5.738 | 6.792 | 7.330 | 7.333 | 6.114 | 4.832 | 4.627 | 5.236 | 5.512 | 5.710 | 5.813 | 4.231 | 4.202 | 5.217 | 6.278 | 7.252 | 6.833 | 7.188 | 6.678 | 7.860 | 8.378 | 8.275 | 10.414 | 13.355 | |
| 1 | 2 | 6.271 | 7.458 | 7.056 | 6.022 | 5.351 | 4.987 | 4.690 | 5.641 | 6.282 | 6.201 | 5.154 | 3.876 | 3.714 | 4.491 | 4.101 | 4.456 | 4.316 | 2.856 | 3.366 | 3.763 | 4.844 | 5.720 | 5.661 | 5.879 | 5.482 | 6.225 | 6.952 | 6.907 | 8.260 | 12.023 | |
| 2 | 3 | 5.981 | 6.856 | 6.440 | 5.679 | 4.983 | 4.605 | 4.247 | 5.005 | 5.757 | 5.815 | 4.551 | 3.487 | 3.541 | 4.145 | 3.833 | 3.825 | 3.948 | 2.630 | 2.550 | 3.431 | 4.383 | 5.118 | 5.552 | 5.205 | 5.106 | 5.665 | 6.163 | 6.435 | 7.399 | 10.576 | |
| 3 | 4 | 5.783 | 6.579 | 6.309 | 5.413 | 4.717 | 4.390 | 4.047 | 5.161 | 5.585 | 5.577 | 4.268 | 2.967 | 3.206 | 3.898 | 3.749 | 3.855 | 3.744 | 2.352 | 2.606 | 3.298 | 4.242 | 4.819 | 5.506 | 4.957 | 4.861 | 5.324 | 5.910 | 5.948 | 6.804 | 9.856 | |
| 4 | 5 | 5.834 | 6.477 | 6.441 | 5.525 | 4.889 | 4.450 | 4.001 | 4.850 | 5.395 | 5.622 | 4.398 | 3.004 | 3.270 | 3.989 | 3.704 | 3.821 | 3.792 | 2.446 | 2.699 | 3.344 | 4.412 | 4.869 | 5.243 | 4.267 | 4.922 | 5.413 | 5.940 | 5.863 | 6.573 | 9.589 | |
| 5 | 6 | 6.331 | 6.755 | 7.061 | 6.178 | 5.451 | 5.144 | 4.741 | 5.367 | 5.622 | 6.258 | 5.135 | 3.691 | 3.982 | 4.453 | 4.244 | 4.068 | 4.498 | 2.960 | 2.774 | 3.691 | 4.864 | 5.258 | 5.507 | 5.145 | 5.288 | 6.071 | 6.618 | 6.345 | 6.686 | 9.649 | |
| 6 | 7 | 7.483 | 7.504 | 8.896 | 7.800 | 6.654 | 6.488 | 6.272 | 6.496 | 6.300 | 7.787 | 7.038 | 5.290 | 5.425 | 6.021 | 5.531 | 4.960 | 5.579 | 4.202 | 4.154 | 5.110 | 5.733 | 5.889 | 5.896 | 6.119 | 6.270 | 7.172 | 7.157 | 7.290 | 7.146 | 9.697 | |
| 7 | 8 | 8.937 | 8.340 | 8.908 | 7.795 | 7.070 | 6.292 | 7.081 | 7.301 | 7.333 | 8.828 | 7.119 | 6.305 | 5.658 | 6.425 | 6.275 | 5.576 | 5.735 | 4.902 | 4.705 | 5.440 | 6.308 | 6.122 | 6.248 | 6.841 | 6.935 | 7.646 | 6.886 | 7.352 | 8.784 | 10.129 | |
| 8 | 9 | 8.984 | 8.984 | 8.007 | 6.323 | 5.799 | 5.235 | 5.886 | 8.271 | 8.257 | 7.301 | 5.440 | 4.762 | 4.094 | 5.365 | 6.913 | 6.010 | 4.630 | 4.379 | 5.011 | 4.944 | 5.608 | 6.184 | 6.975 | 6.760 | 7.681 | 7.447 | 6.560 | 8.173 | 10.247 | 10.530 | |
| 9 | 10 | 9.269 | 8.971 | 5.685 | 5.483 | 5.097 | 4.715 | 5.614 | 8.699 | 8.880 | 7.388 | 4.719 | 3.289 | 3.329 | 4.077 | 6.271 | 5.982 | 3.795 | 3.779 | 4.670 | 4.190 | 5.163 | 5.779 | 7.225 | 7.157 | 8.152 | 7.115 | 5.825 | 8.811 | 11.262 | 9.933 | |
| 10 | 11 | 9.559 | 8.993 | 4.998 | 5.182 | 4.524 | 4.245 | 5.660 | 8.755 | 8.912 | 7.397 | 4.581 | 3.149 | 3.066 | 3.679 | 5.393 | 5.450 | 3.583 | 3.069 | 4.943 | 3.767 | 5.187 | 5.213 | 7.197 | 7.544 | 8.252 | 6.504 | 5.407 | 8.399 | 11.812 | 9.403 | |
| 11 | 12 | 9.131 | 8.993 | 4.545 | 4.414 | 4.102 | 3.779 | 5.340 | 8.236 | 8.727 | 7.173 | 3.434 | 2.823 | 3.113 | 3.223 | 5.629 | 5.249 | 3.967 | 2.993 | 5.066 | 3.381 | 4.898 | 5.258 | 7.388 | 6.897 | 8.370 | 6.229 | 5.316 | 9.244 | 12.194 | 9.068 | |
| 12 | 13 | 8.901 | 8.604 | 4.120 | 4.110 | 3.962 | 4.011 | 5.106 | 7.931 | 8.765 | 6.816 | 2.850 | 2.611 | 3.072 | 3.060 | 5.857 | 5.088 | 3.695 | 3.296 | 4.589 | 3.020 | 4.308 | 5.279 | 7.623 | 6.608 | 8.287 | 5.742 | 5.000 | 9.263 | 12.699 | 8.215 | |
| 13 | 14 | 8.524 | 8.357 | 4.117 | 4.643 | 4.169 | 4.321 | 5.141 | 7.430 | 8.444 | 6.605 | 3.009 | 2.640 | 3.489 | 3.458 | 5.713 | 5.022 | 3.565 | 3.225 | 4.170 | 2.925 | 3.978 | 5.107 | 7.471 | 5.794 | 7.803 | 5.009 | 4.945 | 9.679 | 12.963 | 7.373 | |
| 14 | 15 | 8.556 | 7.833 | 4.088 | 4.774 | 4.580 | 4.640 | 5.228 | 7.521 | 8.241 | 6.278 | 3.310 | 3.184 | 3.919 | 3.546 | 5.716 | 4.804 | 3.733 | 2.708 | 3.850 | 2.792 | 4.300 | 4.927 | 7.209 | 5.759 | 7.607 | 4.416 | 4.878 | 9.586 | 12.811 | 6.915 | |
| 15 | 16 | 8.334 | 7.719 | 4.481 | 4.857 | 4.859 | 4.770 | 5.493 | 7.647 | 8.198 | 6.437 | 3.522 | 3.424 | 4.866 | 3.563 | 5.721 | 4.587 | 3.319 | 2.467 | 4.476 | 2.990 | 4.589 | 4.840 | 7.711 | 5.479 | 7.185 | 4.336 | 5.241 | 10.011 | 13.018 | 6.665 | |
| 16 | 17 | 8.659 | 7.723 | 4.948 | 5.109 | 5.318 | 4.968 | 6.168 | 7.888 | 8.732 | 7.086 | 3.883 | 4.184 | 5.119 | 3.402 | 6.291 | 4.939 | 3.646 | 3.339 | 4.677 | 3.447 | 5.324 | 5.339 | 7.625 | 6.163 | 7.646 | 4.802 | 5.279 | 10.128 | 13.242 | 6.680 | |
| 17 | 18 | 9.289 | 8.094 | 5.920 | 5.922 | 6.243 | 5.887 | 7.407 | 8.287 | 10.297 | 8.135 | 4.588 | 4.970 | 6.531 | 3.823 | 6.585 | 5.406 | 4.118 | 4.187 | 5.010 | 3.824 | 5.913 | 5.231 | 7.696 | 6.654 | 8.594 | 5.580 | 6.078 | 10.963 | 13.808 | 7.159 | |
| 18 | 19 | 9.919 | 8.833 | 6.801 | 6.905 | 7.382 | 6.363 | 8.831 | 8.521 | 11.652 | 8.987 | 5.264 | 5.238 | 8.001 | 4.498 | 6.795 | 5.993 | 5.038 | 5.155 | 6.054 | 5.144 | 6.895 | 6.013 | 8.189 | 7.876 | 9.617 | 6.286 | 7.415 | 12.422 | 13.923 | 8.047 | |
| 19 | 20 | 11.952 | 10.727 | 8.988 | 8.430 | 9.229 | 8.058 | 10.407 | 9.934 | 13.665 | 10.956 | 7.004 | 6.736 | 10.276 | 6.053 | 7.726 | 7.142 | 5.971 | 6.735 | 7.690 | 6.440 | 8.614 | 7.117 | 9.954 | 9.544 | 11.323 | 8.476 | 8.967 | 13.879 | 14.946 | 9.283 | |
| 20 | 21 | 17.076 | 16.667 | 14.786 | 14.101 | 13.397 | 12.868 | 13.463 | 14.809 | 15.606 | 13.975 | 11.954 | 10.787 | 12.299 | 10.752 | 11.735 | 11.355 | 9.846 | 9.866 | 10.522 | 10.400 | 12.691 | 11.056 | 12.991 | 12.757 | 14.384 | 13.236 | 11.918 | 16.025 | 18.115 | 12.646 | |
| 21 | 22 | 17.363 | 17.157 | 15.336 | 15.006 | 13.721 | 13.670 | 12.973 | 16.026 | 14.904 | 13.627 | 13.563 | 12.123 | 12.708 | 12.665 | 14.959 | 13.349 | 11.337 | 11.147 | 11.797 | 13.458 | 15.444 | 13.656 | 14.117 | 14.245 | 15.946 | 16.718 | 15.933 | 17.566 | 21.567 | 16.012 | |
| 22 | 23 | 14.447 | 13.973 | 12.224 | 11.920 | 10.660 | 10.709 | 10.733 | 12.806 | 12.076 | 11.164 | 10.863 | 10.099 | 11.070 | 10.253 | 12.294 | 10.711 | 8.551 | 8.735 | 9.304 | 10.851 | 12.959 | 11.489 | 11.130 | 11.260 | 13.292 | 14.616 | 13.798 | 15.853 | 19.678 | 14.351 | |
| 23 | 24 | 10.690 | 10.395 | 8.926 | 8.716 | 7.816 | 7.813 | 8.143 | 9.179 | 8.711 | 8.332 | 7.597 | 6.504 | 7.047 | 7.279 | 8.985 | 7.850 | 5.767 | 5.552 | 7.005 | 7.497 | 9.548 | 8.489 | 8.602 | 8.379 | 10.007 | 11.334 | 10.137 | 12.792 | 15.210 | 11.642 | |
| **Total zi** | | **224.894** | **220.331** | **176.948** | **167.507** | **156.528** | **148.443** | **162.410** | **198.553** | **213.671** | **191.078** | **139.358** | **119.975** | **135.422** | **127.354** | **159.532** | **145.208** | **121.986** | **107.211** | **125.890** | **122.364** | **156.483** | **156.024** | **185.549** | **174.477** | **199.688** | **179.222** | **176.701** | **237.209** | **289.561** | **238.796** | **0.000** |

| | |
|---|---|
| Total luna ore de noapte | 1,604.152 |
| Total luna ore de zi | 3,554.221 |
| Total Luna | **5,158.373** |

Vanzator
Hidroelectrica SA

Cumparator
SC CEZ VANZARE SA

CHE cu 10 MW< Pi < 100 MW

## Tabel 2.5 - cantitatile de energie electrica orare contractate in luna Mai 2017

Cantitati de energie electrica orare contractate in Mai 2017

MWh

| Ora de la | Ora pina la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 7.848 | 7.262 | 7.183 | 7.638 | 7.512 | 7.896 | 8.672 | 7.738 | 7.472 | 6.938 | 6.833 | 6.744 | 6.926 | 7.386 | 6.441 | 6.543 | 7.112 | 6.930 | 6.491 | 7.604 | 7.016 | 6.479 | 5.689 | 5.221 | 5.456 | 5.314 | 6.030 | 6.358 | 5.665 | 5.054 | 6.052 |
| 1 | 2 | 6.611 | 6.404 | 6.173 | 6.457 | 6.174 | 6.830 | 7.414 | 6.920 | 6.274 | 6.043 | 5.775 | 5.675 | 6.081 | 6.213 | 5.316 | 5.625 | 5.739 | 5.642 | 5.184 | 6.030 | 5.775 | 5.371 | 4.732 | 4.533 | 4.615 | 4.229 | 4.584 | 5.007 | 4.356 | 3.829 | 4.872 |
| 2 | 3 | 6.191 | 5.996 | 5.796 | 5.952 | 5.657 | 6.346 | 6.855 | 6.386 | 5.878 | 5.571 | 5.475 | 5.186 | 5.345 | 5.688 | 5.006 | 5.200 | 5.445 | 5.204 | 4.763 | 5.409 | 5.336 | 4.884 | 4.573 | 4.209 | 4.253 | 3.748 | 4.102 | 4.435 | 3.762 | 3.513 | 4.345 |
| 3 | 4 | 5.801 | 5.634 | 5.649 | 5.622 | 5.480 | 6.061 | 6.544 | 6.132 | 5.727 | 5.212 | 5.175 | 5.114 | 5.209 | 5.466 | 4.914 | 5.059 | 5.220 | 5.141 | 4.569 | 5.160 | 5.206 | 4.530 | 4.192 | 4.117 | 4.021 | 3.673 | 3.944 | 4.273 | 3.572 | 3.423 | 4.247 |
| 4 | 5 | 5.713 | 5.643 | 5.643 | 5.618 | 5.319 | 6.007 | 6.417 | 6.140 | 5.740 | 5.127 | 5.172 | 4.960 | 5.156 | 5.670 | 4.838 | 4.942 | 5.198 | 5.092 | 4.501 | 5.060 | 4.924 | 4.568 | 4.131 | 4.024 | 3.949 | 3.583 | 3.879 | 4.110 | 3.228 | 3.362 | 4.130 |
| 5 | 6 | 5.596 | 5.760 | 5.747 | 5.911 | 5.563 | 6.223 | 6.392 | 6.248 | 5.750 | 5.426 | 5.410 | 5.194 | 5.235 | 5.720 | 4.956 | 5.128 | 5.272 | 5.215 | 4.561 | 4.933 | 4.742 | 4.618 | 4.112 | 4.222 | 3.974 | 3.635 | 3.929 | 3.730 | 3.654 | 3.275 | 4.207 |
| 6 | 7 | 5.607 | 6.118 | 7.066 | 6.980 | 6.265 | 7.051 | 6.361 | 6.980 | 6.754 | 6.405 | 6.092 | 5.938 | 5.982 | 6.087 | 5.975 | 6.165 | 6.257 | 6.194 | 5.343 | 5.602 | 5.173 | 5.736 | 5.127 | 5.310 | 4.695 | 4.373 | 4.837 | 4.349 | 4.732 | 4.201 | 5.408 |
| 7 | 8 | 5.857 | 6.809 | 8.261 | 8.077 | 6.665 | 8.107 | 7.207 | 7.831 | 7.358 | 6.966 | 7.255 | 6.419 | 6.876 | 6.871 | 6.612 | 6.926 | 6.922 | 6.796 | 5.983 | 6.216 | 5.938 | 6.461 | 5.917 | 6.446 | 5.416 | 5.380 | 5.723 | 4.819 | 5.843 | 5.106 | 6.252 |
| 8 | 9 | 6.567 | 7.493 | 8.873 | 8.102 | 6.110 | 9.313 | 7.969 | 7.322 | 7.086 | 6.528 | 6.918 | 5.934 | 7.954 | 7.516 | 6.204 | 6.404 | 6.228 | 6.168 | 5.596 | 6.652 | 6.577 | 6.007 | 5.428 | 6.228 | 5.243 | 5.328 | 6.573 | 5.378 | 5.554 | 4.644 | 6.362 |
| 9 | 10 | 7.215 | 8.400 | 9.265 | 8.038 | 5.323 | 10.002 | 8.753 | 7.331 | 6.973 | 6.173 | 6.730 | 5.479 | 8.446 | 8.127 | 6.366 | 6.028 | 5.880 | 5.539 | 5.566 | 6.923 | 6.969 | 5.735 | 5.241 | 6.163 | 5.419 | 4.980 | 6.922 | 6.053 | 5.395 | 4.488 | 6.129 |
| 10 | 11 | 7.325 | 9.101 | 9.201 | 7.703 | 5.108 | 9.882 | 9.196 | 7.362 | 6.825 | 5.962 | 6.544 | 5.710 | 8.583 | 8.234 | 6.295 | 5.583 | 5.361 | 5.093 | 5.533 | 6.850 | 7.114 | 5.790 | 5.506 | 6.222 | 5.657 | 4.945 | 7.294 | 6.499 | 5.451 | 4.530 | 6.292 |
| 11 | 12 | 7.185 | 9.707 | 9.292 | 7.367 | 5.035 | 9.736 | 9.185 | 6.890 | 6.330 | 5.729 | 6.462 | 5.638 | 8.486 | 7.204 | 6.158 | 5.283 | 5.140 | 4.796 | 5.373 | 6.936 | 7.076 | 5.703 | 5.594 | 5.952 | 5.318 | 4.968 | 7.191 | 6.708 | 5.751 | 4.927 | 6.364 |
| 12 | 13 | 6.923 | 9.394 | 8.709 | 6.904 | 5.054 | 9.600 | 8.984 | 6.583 | 5.922 | 5.410 | 6.117 | 5.459 | 8.260 | 6.734 | 5.991 | 5.134 | 5.349 | 4.565 | 5.389 | 6.712 | 7.018 | 5.537 | 5.710 | 5.762 | 5.556 | 5.128 | 7.189 | 6.638 | 5.572 | 4.699 | 6.578 |
| 13 | 14 | 6.798 | 9.057 | 8.425 | 6.509 | 4.831 | 9.391 | 8.411 | 6.763 | 5.786 | 5.459 | 5.953 | 5.576 | 8.155 | 6.548 | 6.389 | 5.226 | 5.332 | 4.442 | 5.822 | 6.417 | 6.843 | 5.471 | 5.536 | 5.489 | 5.128 | 5.101 | 7.087 | 6.482 | 5.220 | 4.958 | 6.524 |
| 14 | 15 | 6.333 | 8.649 | 8.188 | 6.378 | 4.930 | 9.341 | 8.053 | 6.520 | 5.725 | 5.296 | 5.818 | 5.701 | 8.236 | 6.351 | 6.308 | 5.476 | 5.424 | 4.512 | 5.559 | 6.335 | 6.598 | 5.338 | 5.732 | 5.372 | 5.046 | 5.056 | 7.040 | 6.045 | 5.563 | 4.789 | 6.441 |
| 15 | 16 | 6.338 | 8.577 | 8.250 | 6.230 | 5.036 | 9.306 | 7.634 | 6.851 | 5.725 | 5.267 | 5.837 | 5.614 | 7.932 | 6.411 | 6.453 | 5.270 | 5.390 | 4.865 | 5.789 | 6.337 | 6.689 | 5.491 | 5.857 | 5.183 | 5.012 | 5.094 | 7.152 | 5.883 | 5.448 | 4.695 | 6.524 |
| 16 | 17 | 6.544 | 9.088 | 8.621 | 6.347 | 5.740 | 9.777 | 7.602 | 7.270 | 5.875 | 5.429 | 6.625 | 5.836 | 8.096 | 6.381 | 6.797 | 5.489 | 5.202 | 5.074 | 6.144 | 6.296 | 6.800 | 5.429 | 6.166 | 5.454 | 5.316 | 5.118 | 7.373 | 6.021 | 5.738 | 4.953 | 5.641 |
| 17 | 18 | 7.318 | 9.879 | 9.528 | 7.164 | 6.785 | 10.173 | 7.704 | 8.451 | 6.552 | 6.133 | 7.574 | 6.495 | 8.277 | 6.873 | 7.261 | 5.813 | 5.960 | 5.695 | 6.936 | 6.738 | 7.250 | 5.982 | 7.186 | 6.075 | 5.689 | 5.630 | 7.546 | 6.268 | 6.312 | 5.594 | 6.411 |
| 18 | 19 | 8.120 | 10.823 | 10.542 | 8.050 | 7.621 | 10.726 | 8.176 | 9.560 | 7.310 | 6.935 | 8.747 | 7.148 | 8.522 | 7.102 | 8.007 | 6.637 | 6.486 | 6.518 | 7.631 | 6.803 | 7.327 | 6.592 | 7.827 | 6.746 | 6.343 | 6.186 | 7.510 | 6.635 | 6.292 | 6.300 | 8.941 |
| 19 | 20 | 9.262 | 12.122 | 11.848 | 9.452 | 8.941 | 11.215 | 9.339 | 10.785 | 8.766 | 8.257 | 10.357 | 8.169 | 9.522 | 8.009 | 9.116 | 7.878 | 7.736 | 7.637 | 8.824 | 7.606 | 7.924 | 7.144 | 8.739 | 7.942 | 7.287 | 7.080 | 7.841 | 7.152 | 7.129 | 6.889 | 8.383 |
| 20 | 21 | 11.322 | 13.299 | 13.473 | 11.842 | 10.961 | 12.934 | 12.094 | 12.139 | 11.284 | 10.690 | 12.088 | 10.441 | 11.553 | 9.827 | 10.627 | 9.940 | 9.726 | 9.653 | 10.493 | 8.764 | 9.054 | 8.390 | 9.800 | 9.117 | 8.391 | 8.254 | 8.341 | 8.065 | 7.910 | 7.603 | 9.571 |
| 21 | 22 | 13.087 | 13.507 | 14.201 | 14.141 | 13.513 | 15.319 | 14.674 | 13.769 | 13.711 | 13.412 | 13.130 | 12.814 | 13.494 | 12.904 | 12.952 | 13.108 | 12.417 | 12.656 | 13.278 | 11.148 | 12.156 | 11.489 | 11.114 | 11.220 | 11.044 | 11.000 | 11.518 | 10.946 | 10.527 | 10.195 | 11.792 |
| 22 | 23 | 11.414 | 11.625 | 12.318 | 12.475 | 11.971 | 13.490 | 12.934 | 12.030 | 12.056 | 11.920 | 11.463 | 11.288 | 11.830 | 11.467 | 11.451 | 11.759 | 11.633 | 11.624 | 12.867 | 10.772 | 11.777 | 11.108 | 9.703 | 10.455 | 10.697 | 10.855 | 11.443 | 10.884 | 10.235 | 10.596 | 11.196 |
| 23 | 24 | 9.102 | 9.207 | 9.521 | 9.585 | 9.764 | 10.710 | 9.843 | 9.791 | 9.123 | 8.866 | 8.544 | 8.375 | 9.241 | 8.758 | 8.670 | 8.919 | 8.449 | 8.343 | 9.805 | 8.520 | 8.607 | 7.947 | 7.096 | 7.475 | 7.385 | 7.897 | 8.554 | 7.755 | 7.112 | 7.509 | 8.227 |
| **Total zi** | | **180.077** | **209.554** | **211.773** | **188.542** | **165.358** | **225.436** | **206.413** | **193.792** | **176.002** | **165.154** | **176.094** | **160.907** | **193.397** | **177.547** | **169.103** | **159.535** | **158.878** | **153.394** | **162.000** | **165.823** | **169.889** | **151.800** | **150.708** | **148.937** | **140.910** | **136.555** | **163.602** | **150.493** | **140.021** | **129.132** | **160.889** |

| | |
|---|---|
| Total luna ore de noapte | 1,630.800 |
| Total luna ore de zi | 3,610.915 |
| Total Luna | **5,241.715** |

Vanzator
Hidroelectrica SA

SOCIETATEA DE PRODUCERE A ENERGIEI ELECTRICE IN HIDROCENTRALE
HIDROELECTRICA S.A.
3

Cumparator
SC CEZ VANZARE SA

CHE cu 10 MW< Pi < 100 MW

## Tabel 2.6 - cantitatile de energie electrica orare contractate in luna lunie 2017

Cantitati de energie electrica orare contractate in lunie 2017

MWh

| Ora de la | pina la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 6.058 | 5.973 | 6.360 | 7.065 | 6.454 | 5.216 | 5.112 | 5.259 | 4.867 | 6.058 | 5.825 | 5.188 | 4.967 | 5.544 | 5.550 | 5.758 | 6.929 | 6.947 | 6.814 | 6.325 | 6.972 | 7.619 | 7.737 | 6.739 | 8.029 | 7.061 | 6.040 | 5.730 | 6.095 | 6.840 | |
| 1 | 2 | 5.043 | 4.772 | 5.162 | 5.653 | 5.322 | 4.181 | 3.934 | 4.154 | 3.877 | 4.544 | 4.641 | 4.163 | 3.981 | 4.309 | 4.250 | 4.495 | 5.386 | 5.615 | 5.190 | 4.907 | 5.283 | 5.852 | 6.019 | 5.376 | 6.070 | 5.530 | 4.633 | 4.445 | 4.762 | 4.940 | |
| 2 | 3 | 4.600 | 4.418 | 4.574 | 5.251 | 4.848 | 3.844 | 3.529 | 3.670 | 3.549 | 3.788 | 4.029 | 3.657 | 3.698 | 3.707 | 3.812 | 4.020 | 4.610 | 5.047 | 4.582 | 4.452 | 4.539 | 5.105 | 5.392 | 4.749 | 5.293 | 4.908 | 4.168 | 4.173 | 4.111 | 4.357 | |
| 3 | 4 | 4.337 | 4.238 | 4.325 | 5.173 | 4.586 | 3.552 | 3.291 | 3.497 | 3.397 | 3.701 | 3.885 | 3.588 | 3.510 | 3.421 | 3.624 | 3.702 | 4.305 | 4.374 | 4.352 | 4.181 | 4.318 | 4.754 | 4.870 | 4.367 | 4.830 | 4.629 | 3.916 | 3.793 | 3.855 | 3.973 | |
| 4 | 5 | 4.327 | 4.172 | 4.288 | 5.162 | 4.433 | 3.597 | 3.299 | 3.488 | 3.249 | 3.502 | 3.624 | 3.501 | 3.414 | 3.501 | 3.609 | 3.586 | 4.220 | 4.082 | 4.006 | 4.150 | 3.704 | 4.305 | 4.730 | 4.289 | 4.566 | 4.457 | 3.787 | 3.773 | 3.771 | 3.904 | |
| 5 | 6 | 4.542 | 4.057 | 4.204 | 4.825 | 3.869 | 3.839 | 3.384 | 3.544 | 3.440 | 3.573 | 3.458 | 3.638 | 3.573 | 3.557 | 3.725 | 3.732 | 4.335 | 3.785 | 3.781 | 4.220 | 4.365 | 4.825 | 4.627 | 4.306 | 4.351 | 4.616 | 3.944 | 3.828 | 3.796 | 3.856 | |
| 6 | 7 | 5.601 | 5.032 | 5.048 | 5.294 | 5.057 | 4.681 | 4.664 | 4.510 | 4.747 | 4.490 | 3.979 | 4.957 | 4.741 | 4.836 | 5.063 | 5.013 | 5.337 | 4.432 | 4.200 | 5.691 | 5.604 | 6.021 | 5.845 | 5.461 | 5.015 | 5.658 | 4.783 | 4.781 | 4.741 | 5.064 | |
| 7 | 8 | 6.599 | 6.133 | 6.193 | 6.086 | 6.068 | 5.884 | 5.729 | 5.556 | 5.840 | 5.586 | 4.688 | 6.007 | 5.761 | 6.268 | 6.025 | 6.100 | 6.476 | 5.551 | 5.236 | 6.816 | 6.895 | 7.216 | 6.770 | 6.752 | 5.927 | 6.490 | 5.746 | 5.492 | 6.022 | 6.067 | |
| 8 | 9 | 6.557 | 6.132 | 7.450 | 6.961 | 5.887 | 5.715 | 5.690 | 5.203 | 5.717 | 6.952 | 5.688 | 6.311 | 6.279 | 6.293 | 6.298 | 6.254 | 7.664 | 6.505 | 5.781 | 7.289 | 7.472 | 7.948 | 7.372 | 8.108 | 6.953 | 7.069 | 6.141 | 5.605 | 6.749 | 6.168 | |
| 9 | 10 | 7.039 | 6.153 | 8.398 | 7.643 | 6.089 | 6.138 | 5.643 | 5.063 | 5.813 | 7.619 | 6.478 | 6.667 | 6.271 | 6.415 | 6.143 | 6.181 | 8.415 | 7.283 | 6.323 | 7.587 | 7.943 | 8.591 | 7.929 | 9.090 | 8.145 | 7.743 | 6.816 | 5.847 | 7.206 | 6.200 | |
| 10 | 11 | 7.021 | 6.239 | 9.199 | 7.999 | 6.263 | 6.234 | 5.689 | 5.190 | 5.785 | 7.909 | 7.160 | 6.932 | 6.538 | 6.388 | 6.222 | 6.484 | 9.088 | 7.811 | 6.631 | 7.717 | 8.907 | 9.367 | 8.555 | 9.905 | 8.981 | 8.286 | 6.890 | 5.955 | 7.675 | 7.231 | |
| 11 | 12 | 7.152 | 6.339 | 9.248 | 8.277 | 6.351 | 6.229 | 5.804 | 5.221 | 5.845 | 8.002 | 7.309 | 7.057 | 6.560 | 6.264 | 6.297 | 6.961 | 9.726 | 8.104 | 7.152 | 8.188 | 9.274 | 10.116 | 9.175 | 10.362 | 9.453 | 8.714 | 7.000 | 6.339 | 7.936 | 7.864 | |
| 12 | 13 | 6.912 | 6.462 | 9.123 | 8.177 | 6.259 | 6.041 | 5.788 | 5.155 | 5.950 | 8.231 | 7.416 | 6.681 | 6.664 | 6.300 | 6.351 | 7.146 | 10.050 | 7.993 | 7.107 | 8.545 | 9.638 | 10.175 | 9.266 | 10.687 | 9.703 | 8.998 | 6.996 | 6.220 | 8.384 | 7.968 | |
| 13 | 14 | 6.809 | 6.515 | 8.963 | 7.948 | 6.385 | 5.921 | 5.787 | 4.698 | 6.005 | 7.983 | 7.361 | 6.626 | 6.711 | 6.474 | 6.798 | 7.607 | 10.053 | 7.849 | 7.139 | 8.786 | 9.783 | 10.320 | 9.580 | 10.816 | 9.421 | 9.138 | 7.120 | 6.484 | 8.329 | 8.044 | |
| 14 | 15 | 6.802 | 6.381 | 8.687 | 7.586 | 6.210 | 5.464 | 5.714 | 4.868 | 6.113 | 7.620 | 6.769 | 6.439 | 6.475 | 6.629 | 6.800 | 7.470 | 9.815 | 7.619 | 7.033 | 8.925 | 9.634 | 10.313 | 9.378 | 10.638 | 9.010 | 8.955 | 7.029 | 6.455 | 8.418 | 7.789 | |
| 15 | 16 | 6.534 | 6.541 | 8.632 | 7.453 | 6.141 | 5.479 | 5.824 | 4.743 | 6.129 | 7.506 | 6.654 | 6.277 | 6.590 | 6.411 | 6.856 | 7.515 | 9.386 | 7.386 | 7.105 | 9.163 | 9.672 | 10.189 | 9.335 | 10.578 | 8.963 | 8.533 | 7.224 | 6.533 | 8.280 | 8.208 | |
| 16 | 17 | 6.807 | 6.693 | 8.658 | 7.503 | 6.210 | 5.638 | 5.990 | 4.998 | 6.270 | 7.680 | 6.784 | 6.609 | 6.777 | 6.579 | 6.839 | 7.863 | 9.648 | 7.555 | 7.114 | 9.438 | 9.811 | 10.228 | 9.021 | 10.720 | 9.166 | 7.683 | 7.296 | 6.868 | 8.358 | 8.068 | |
| 17 | 18 | 7.009 | 7.196 | 8.646 | 7.713 | 6.832 | 5.859 | 6.535 | 5.530 | 6.750 | 7.977 | 7.129 | 7.079 | 7.018 | 6.785 | 7.189 | 8.536 | 10.027 | 7.868 | 7.521 | 9.450 | 10.083 | 10.510 | 8.809 | 10.780 | 9.083 | 8.073 | 7.604 | 7.128 | 8.800 | 8.269 | |
| 18 | 19 | 7.317 | 7.612 | 8.980 | 8.013 | 7.565 | 6.331 | 7.102 | 5.953 | 7.342 | 8.277 | 7.369 | 7.533 | 7.521 | 7.433 | 7.558 | 9.091 | 10.235 | 8.308 | 7.708 | 9.898 | 10.392 | 10.512 | 8.945 | 10.901 | 9.227 | 8.328 | 8.193 | 7.282 | 9.134 | 8.533 | |
| 19 | 20 | 8.082 | 8.189 | 9.552 | 8.480 | 8.210 | 7.317 | 7.829 | 6.547 | 8.151 | 8.596 | 8.207 | 8.754 | 8.168 | 7.971 | 8.101 | 9.816 | 10.818 | 8.582 | 8.390 | 10.260 | 10.757 | 10.857 | 9.150 | 10.754 | 9.212 | 8.545 | 8.545 | 7.773 | 9.706 | 9.038 | |
| 20 | 21 | 9.009 | 9.196 | 10.222 | 9.303 | 8.705 | 8.478 | 8.735 | 7.448 | 9.028 | 9.170 | 8.880 | 10.058 | 8.705 | 8.646 | 8.648 | 10.209 | 10.937 | 9.005 | 9.250 | 10.769 | 11.014 | 11.199 | 9.438 | 10.778 | 9.702 | 8.811 | 9.188 | 8.123 | 10.097 | 9.197 | |
| 21 | 22 | 11.371 | 11.506 | 12.806 | 11.242 | 10.526 | 11.029 | 11.465 | 9.564 | 11.434 | 11.212 | 10.664 | 10.991 | 10.798 | 10.964 | 10.853 | 12.383 | 12.816 | 10.562 | 11.256 | 12.402 | 12.391 | 12.746 | 10.481 | 12.092 | 11.361 | 10.714 | 10.761 | 9.955 | 11.714 | 10.756 | |
| 22 | 23 | 11.454 | 11.280 | 12.640 | 11.492 | 9.986 | 10.634 | 11.593 | 9.719 | 11.336 | 11.373 | 10.568 | 9.437 | 10.685 | 11.050 | 11.854 | 13.287 | 13.382 | 11.180 | 11.969 | 13.282 | 14.121 | 14.126 | 11.474 | 13.841 | 12.597 | 11.571 | 11.146 | 10.980 | 13.034 | 12.392 | |
| 23 | 24 | 8.252 | 8.477 | 9.555 | 8.593 | 7.178 | 7.671 | 8.173 | 7.133 | 8.816 | 8.414 | 7.639 | 6.953 | 7.948 | 7.699 | 8.773 | 10.233 | 9.766 | 9.135 | 8.999 | 9.940 | 10.895 | 10.908 | 8.935 | 10.838 | 9.777 | 8.697 | 8.310 | 8.444 | 9.889 | 9.447 | |
| **Total zi** | | **165.234** | **159.706** | **190.913** | **178.892** | **155.434** | **144.972** | **146.303** | **130.711** | **149.450** | **169.763** | **156.204** | **155.103** | **153.353** | **153.444** | **157.238** | **173.442** | **203.424** | **172.578** | **164.639** | **192.381** | **203.467** | **213.802** | **192.833** | **212.927** | **194.835** | **183.207** | **163.276** | **152.006** | **180.862** | **174.173** | **0.000** |

| | |
|---|---|
| Total luna ore de noapte | 1,443.505 |
| Total luna ore de zi | 3,701.067 |
| Total Luna | **5,144.572** |

Vanzator
Hidroelectrica SA

Cumparator
SC CEZ VANZARE SA

CHE cu 10 MW< Pi < 100 MW

## Tabel 2.7 - cantitatile de energie electrica orare contractate in luna lulie 2017

Cantitati de energie electrica orare contractate in lulie 2017

MWh

| Ora de la | Ora pina la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 2.689 | 2.629 | 2.293 | 1.951 | 2.032 | 2.304 | 2.131 | 2.183 | 2.756 | 2.726 | 2.400 | 2.444 | 2.515 | 2.888 | 2.342 | 2.171 | 1.886 | 1.868 | 2.026 | 2.191 | 2.207 | 2.619 | 2.970 | 2.709 | 2.772 | 2.591 | 2.477 | 2.687 | 2.683 | 2.986 | 2.408 |
| 1 | 2 | 1.987 | 1.882 | 1.733 | 1.425 | 1.411 | 1.627 | 1.499 | 1.640 | 2.096 | 1.908 | 1.675 | 1.747 | 1.890 | 2.216 | 1.649 | 1.648 | 1.411 | 1.511 | 1.355 | 1.680 | 1.669 | 2.136 | 2.319 | 2.050 | 2.151 | 1.949 | 1.965 | 2.050 | 2.070 | 2.340 | 1.850 |
| 2 | 3 | 1.579 | 1.604 | 1.445 | 1.178 | 1.189 | 1.276 | 1.212 | 1.439 | 1.741 | 1.456 | 1.322 | 1.440 | 1.560 | 1.971 | 1.418 | 1.387 | 1.168 | 1.312 | 1.119 | 1.412 | 1.455 | 1.834 | 1.983 | 1.877 | 1.864 | 1.802 | 1.750 | 1.713 | 1.822 | 2.006 | 1.586 |
| 3 | 4 | 1.394 | 1.470 | 1.328 | 1.080 | 1.106 | 1.180 | 1.055 | 1.329 | 1.606 | 1.377 | 1.229 | 1.301 | 1.456 | 1.762 | 1.261 | 1.262 | 1.013 | 1.208 | 0.980 | 1.299 | 1.314 | 1.738 | 1.786 | 1.715 | 1.733 | 1.612 | 1.637 | 1.666 | 1.710 | 1.824 | 1.357 |
| 4 | 5 | 1.303 | 1.325 | 1.290 | 0.999 | 1.011 | 1.167 | 1.080 | 1.236 | 1.419 | 1.406 | 1.135 | 1.289 | 1.398 | 1.655 | 1.193 | 1.101 | 0.965 | 1.152 | 0.979 | 1.184 | 1.230 | 1.609 | 1.740 | 1.586 | 1.701 | 1.571 | 1.555 | 1.558 | 1.644 | 1.780 | 1.258 |
| 5 | 6 | 1.205 | 1.041 | 1.178 | 0.970 | 0.978 | 1.130 | 1.043 | 1.101 | 1.164 | 1.297 | 1.103 | 1.255 | 1.348 | 1.642 | 1.045 | 0.812 | 0.850 | 1.105 | 0.920 | 1.245 | 1.275 | 1.525 | 1.556 | 1.551 | 1.608 | 1.565 | 1.567 | 1.603 | 1.639 | 1.666 | 1.426 |
| 6 | 7 | 1.714 | 1.198 | 1.599 | 1.431 | 1.377 | 1.532 | 1.496 | 1.535 | 1.362 | 1.743 | 1.589 | 1.650 | 1.813 | 2.061 | 1.285 | 0.971 | 1.251 | 1.360 | 1.095 | 1.541 | 1.594 | 1.878 | 1.728 | 1.914 | 1.920 | 1.803 | 1.950 | 1.986 | 2.046 | 1.740 | 1.678 |
| 7 | 8 | 2.158 | 1.579 | 2.034 | 1.782 | 1.602 | 1.754 | 1.611 | 2.000 | 1.878 | 1.961 | 1.818 | 1.994 | 2.122 | 2.205 | 1.781 | 1.279 | 1.515 | 1.707 | 1.299 | 1.970 | 2.072 | 2.358 | 2.153 | 2.264 | 2.197 | 2.031 | 2.425 | 2.222 | 2.687 | 2.174 | 2.043 |
| 8 | 9 | 2.910 | 1.929 | 2.107 | 1.882 | 1.640 | 1.999 | 1.822 | 2.488 | 2.303 | 2.102 | 2.129 | 2.015 | 2.344 | 2.420 | 2.188 | 1.640 | 1.593 | 1.786 | 1.453 | 1.971 | 2.092 | 2.863 | 2.488 | 2.370 | 2.323 | 2.174 | 2.480 | 2.281 | 3.121 | 2.494 | 2.297 |
| 9 | 10 | 3.396 | 2.435 | 2.294 | 1.935 | 1.768 | 2.105 | 1.919 | 2.908 | 2.632 | 2.320 | 2.421 | 2.132 | 2.594 | 2.577 | 2.584 | 1.914 | 1.744 | 1.935 | 1.545 | 2.079 | 2.076 | 3.346 | 2.842 | 2.526 | 2.415 | 2.300 | 2.558 | 2.475 | 3.538 | 2.955 | 2.346 |
| 10 | 11 | 3.643 | 2.835 | 2.504 | 2.115 | 1.942 | 2.244 | 1.957 | 3.218 | 2.903 | 2.447 | 2.525 | 2.468 | 2.934 | 2.872 | 2.903 | 2.248 | 1.852 | 2.024 | 1.604 | 2.176 | 2.287 | 3.551 | 2.965 | 2.706 | 2.731 | 2.663 | 2.841 | 2.847 | 3.901 | 3.368 | 2.375 |
| 11 | 12 | 3.977 | 3.150 | 2.661 | 2.146 | 2.076 | 2.262 | 2.072 | 3.330 | 3.178 | 2.672 | 2.867 | 2.768 | 3.124 | 2.954 | 3.116 | 2.495 | 2.062 | 2.020 | 1.642 | 2.428 | 2.447 | 3.657 | 3.208 | 2.956 | 2.952 | 2.836 | 3.034 | 3.021 | 4.153 | 3.652 | 2.458 |
| 12 | 13 | 4.153 | 3.281 | 2.852 | 2.109 | 2.128 | 2.313 | 2.240 | 3.346 | 3.151 | 2.675 | 2.930 | 2.919 | 3.304 | 3.002 | 3.112 | 2.415 | 2.059 | 1.990 | 1.645 | 2.430 | 2.546 | 3.756 | 3.340 | 2.984 | 2.935 | 2.968 | 3.147 | 3.182 | 4.178 | 3.693 | 2.420 |
| 13 | 14 | 4.095 | 3.263 | 2.874 | 2.108 | 2.204 | 2.354 | 2.218 | 3.327 | 3.065 | 2.746 | 3.002 | 3.035 | 3.490 | 3.225 | 3.087 | 2.336 | 2.092 | 2.110 | 1.578 | 2.447 | 2.654 | 3.886 | 3.302 | 3.172 | 2.999 | 3.095 | 3.281 | 3.303 | 4.324 | 3.744 | 2.575 |
| 14 | 15 | 3.856 | 3.099 | 2.738 | 2.154 | 2.283 | 2.212 | 2.192 | 3.170 | 2.917 | 2.804 | 2.980 | 2.976 | 3.473 | 3.203 | 2.968 | 2.321 | 2.085 | 2.176 | 1.552 | 2.400 | 2.651 | 3.739 | 3.257 | 3.262 | 2.955 | 3.080 | 3.236 | 3.274 | 4.214 | 3.608 | 2.581 |
| 15 | 16 | 3.917 | 3.120 | 2.686 | 2.029 | 2.307 | 2.308 | 2.327 | 3.142 | 3.007 | 2.803 | 3.043 | 3.065 | 3.531 | 3.266 | 2.869 | 2.411 | 2.116 | 2.138 | 1.649 | 2.411 | 2.687 | 3.754 | 3.276 | 3.323 | 2.986 | 3.111 | 3.241 | 3.342 | 4.185 | 3.512 | 2.565 |
| 16 | 17 | 3.805 | 3.127 | 2.855 | 2.182 | 2.434 | 2.436 | 2.553 | 3.248 | 3.087 | 2.921 | 3.167 | 3.159 | 3.649 | 3.320 | 2.897 | 2.493 | 2.015 | 2.241 | 1.714 | 2.557 | 2.935 | 3.764 | 3.358 | 3.343 | 2.979 | 3.165 | 3.363 | 3.574 | 4.185 | 3.626 | 2.501 |
| 17 | 18 | 3.793 | 3.185 | 2.885 | 2.318 | 2.620 | 2.651 | 2.688 | 3.468 | 3.255 | 3.115 | 3.330 | 3.357 | 3.858 | 3.414 | 3.211 | 2.499 | 2.102 | 2.587 | 1.803 | 2.748 | 3.211 | 4.012 | 3.599 | 3.555 | 3.263 | 3.316 | 3.585 | 3.711 | 4.279 | 3.761 | 2.586 |
| 18 | 19 | 3.674 | 3.108 | 3.065 | 2.664 | 2.826 | 2.778 | 2.768 | 3.583 | 3.328 | 3.253 | 3.509 | 3.519 | 4.071 | 3.348 | 3.334 | 2.667 | 2.252 | 2.829 | 2.036 | 2.874 | 3.301 | 4.092 | 3.670 | 3.683 | 3.437 | 3.377 | 3.799 | 3.831 | 4.435 | 3.971 | 3.144 |
| 19 | 20 | 3.700 | 3.115 | 3.265 | 2.965 | 3.063 | 3.066 | 3.106 | 3.685 | 3.428 | 3.524 | 3.718 | 3.771 | 4.269 | 3.483 | 3.556 | 2.928 | 2.637 | 3.059 | 2.230 | 3.149 | 3.665 | 4.130 | 3.891 | 4.010 | 3.738 | 3.634 | 4.061 | 4.039 | 4.498 | 4.018 | 3.618 |
| 20 | 21 | 3.851 | 3.426 | 3.452 | 3.244 | 3.482 | 3.335 | 3.394 | 3.755 | 3.678 | 3.683 | 3.824 | 3.947 | 4.435 | 4.041 | 4.095 | 3.151 | 2.949 | 3.386 | 2.581 | 3.517 | 3.910 | 4.304 | 4.170 | 4.249 | 4.072 | 3.840 | 4.329 | 4.339 | 4.670 | 4.239 | 3.907 |
| 21 | 22 | 4.607 | 4.381 | 4.079 | 4.197 | 4.454 | 4.093 | 4.352 | 4.626 | 4.612 | 4.602 | 4.869 | 4.863 | 5.363 | 4.914 | 4.671 | 4.226 | 4.195 | 4.485 | 3.763 | 4.706 | 5.168 | 5.357 | 5.281 | 5.385 | 5.271 | 5.121 | 5.477 | 5.460 | 5.731 | 5.411 | 5.172 |
| 22 | 23 | 4.786 | 4.826 | 4.387 | 4.680 | 4.897 | 4.712 | 4.905 | 5.265 | 5.091 | 5.053 | 5.280 | 5.405 | 5.780 | 4.391 | 4.241 | 4.274 | 4.420 | 4.666 | 4.111 | 5.036 | 5.529 | 5.586 | 5.347 | 5.212 | 5.073 | 5.054 | 5.436 | 5.319 | 5.599 | 5.334 | 4.729 |
| 23 | 24 | 3.553 | 3.574 | 3.075 | 3.295 | 3.388 | 3.335 | 3.424 | 3.846 | 3.738 | 3.573 | 3.859 | 3.797 | 4.255 | 3.298 | 2.909 | 3.012 | 2.990 | 3.341 | 2.938 | 3.374 | 3.915 | 4.180 | 3.953 | 3.768 | 3.575 | 3.562 | 3.888 | 3.782 | 4.183 | 3.894 | 3.278 |
| **Total zi** | | **75.745** | **64.582** | **60.679** | **52.839** | **54.218** | **56.173** | **55.064** | **68.868** | **67.395** | **64.167** | **65.724** | **66.316** | **74.576** | **70.128** | **63.715** | **53.661** | **49.222** | **53.996** | **43.617** | **58.825** | **63.890** | **79.674** | **74.182** | **72.170** | **69.650** | **68.220** | **73.082** | **73.265** | **85.495** | **77.796** | **62.158** |

| | |
|---|---|
| Total luna ore de noapte | 569.689 |
| Total luna ore de zi | 1,449.403 |
| Total Luna | **2,019.092** |

Vanzator
Hidroelectrica SA

SOCIETATEA DE PRODUCERE A ENERGIEI ELECTRICE IN HIDROCENTRALE HIDROELECTRICA S.A. 3

Cumparator
SC CEZ VANZARE SA

## Tabel 2.8 - cantitatile de energie electrica orare contractate in luna August 2017

Cantitati de energie electrica orare contractate in August 2017

MWh

| Ora de la | pina la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 1.765 | 1.903 | 2.302 | 1.834 | 2.455 | 2.594 | 2.264 | 2.126 | 2.308 | 2.239 | 2.481 | 2.811 | 2.828 | 2.505 | 1.731 | 1.736 | 1.423 | 1.657 | 1.664 | 1.720 | 1.805 | 1.411 | 1.292 | 1.524 | 1.644 | 1.941 | 2.176 | 2.052 | 1.897 | 1.843 | 2.215 |
| 1 | 2 | 1.205 | 1.273 | 1.639 | 1.327 | 1.754 | 1.948 | 1.848 | 1.619 | 1.814 | 1.730 | 1.858 | 2.114 | 2.201 | 1.933 | 1.245 | 1.163 | 1.028 | 1.143 | 1.148 | 1.410 | 1.275 | 0.978 | 0.873 | 0.940 | 1.220 | 1.349 | 1.603 | 1.528 | 1.322 | 1.273 | 1.513 |
| 2 | 3 | 1.048 | 1.081 | 1.421 | 1.039 | 1.455 | 1.658 | 1.477 | 1.333 | 1.608 | 1.447 | 1.522 | 1.679 | 1.898 | 1.678 | 1.071 | 0.998 | 0.958 | 0.953 | 0.825 | 1.217 | 1.093 | 0.733 | 0.623 | 0.762 | 0.991 | 0.940 | 1.371 | 1.342 | 1.069 | 1.097 | 1.264 |
| 3 | 4 | 0.840 | 0.893 | 1.320 | 0.954 | 1.170 | 1.466 | 1.405 | 1.188 | 1.356 | 1.338 | 1.365 | 1.434 | 1.629 | 1.548 | 0.922 | 0.811 | 0.976 | 0.823 | 0.874 | 1.075 | 0.963 | 0.663 | 0.575 | 0.685 | 0.910 | 0.935 | 1.157 | 1.200 | 0.892 | 0.913 | 1.169 |
| 4 | 5 | 0.892 | 0.831 | 1.157 | 1.129 | 1.278 | 1.339 | 1.364 | 1.161 | 1.308 | 1.246 | 1.419 | 1.425 | 1.670 | 1.536 | 0.943 | 0.843 | 0.781 | 0.763 | 0.795 | 1.014 | 0.958 | 0.633 | 0.555 | 0.593 | 0.907 | 0.727 | 1.080 | 1.188 | 0.900 | 0.803 | 1.070 |
| 5 | 6 | 1.043 | 0.960 | 1.256 | 1.240 | 1.196 | 1.273 | 1.460 | 1.357 | 1.588 | 1.501 | 1.392 | 1.589 | 1.653 | 1.689 | 1.177 | 1.050 | 0.950 | 0.861 | 1.036 | 0.999 | 1.199 | 0.873 | 0.828 | 0.870 | 1.128 | 1.042 | 1.110 | 1.410 | 1.054 | 0.929 | 1.109 |
| 6 | 7 | 1.257 | 1.321 | 1.395 | 1.564 | 1.720 | 1.373 | 1.594 | 1.473 | 1.649 | 1.681 | 1.591 | 1.709 | 1.549 | 1.628 | 1.170 | 1.150 | 0.926 | 1.063 | 1.097 | 0.937 | 1.200 | 1.026 | 0.967 | 1.046 | 1.239 | 1.079 | 1.162 | 1.507 | 1.227 | 1.064 | 1.276 |
| 7 | 8 | 1.571 | 1.676 | 1.917 | 2.062 | 2.372 | 1.890 | 2.230 | 2.114 | 2.155 | 2.195 | 1.931 | 2.187 | 2.004 | 1.991 | 1.519 | 1.347 | 1.130 | 1.171 | 1.631 | 1.176 | 1.315 | 0.856 | 1.104 | 1.452 | 1.285 | 1.423 | 1.389 | 1.940 | 1.488 | 1.241 | 1.503 |
| 8 | 9 | 1.917 | 1.786 | 1.950 | 2.420 | 2.863 | 2.397 | 2.444 | 2.337 | 2.496 | 2.519 | 2.365 | 2.652 | 2.471 | 2.216 | 1.716 | 1.414 | 1.301 | 1.303 | 2.062 | 1.590 | 1.519 | 1.328 | 1.459 | 1.584 | 1.772 | 1.839 | 2.023 | 2.228 | 1.931 | 1.506 | 1.800 |
| 9 | 10 | 2.070 | 1.975 | 2.106 | 2.692 | 3.461 | 2.822 | 2.971 | 2.577 | 2.688 | 2.641 | 2.698 | 3.222 | 2.819 | 2.603 | 2.113 | 1.690 | 1.601 | 1.569 | 2.606 | 2.023 | 1.550 | 1.604 | 1.706 | 1.679 | 1.745 | 2.168 | 2.492 | 2.434 | 2.035 | 1.531 | 2.103 |
| 10 | 11 | 2.249 | 2.237 | 2.479 | 2.965 | 3.651 | 3.139 | 3.070 | 2.747 | 2.767 | 2.944 | 3.026 | 3.369 | 3.329 | 2.702 | 2.349 | 1.807 | 1.905 | 1.747 | 2.775 | 2.425 | 1.515 | 1.621 | 1.630 | 1.780 | 2.070 | 2.506 | 2.817 | 2.386 | 2.245 | 1.716 | 2.217 |
| 11 | 12 | 2.323 | 2.344 | 2.357 | 2.950 | 3.806 | 3.241 | 3.166 | 2.828 | 3.168 | 3.167 | 2.975 | 3.438 | 3.559 | 2.680 | 2.379 | 2.029 | 1.957 | 1.805 | 2.992 | 2.530 | 1.807 | 1.445 | 1.702 | 1.987 | 2.151 | 2.701 | 2.972 | 2.578 | 2.427 | 1.884 | 2.477 |
| 12 | 13 | 2.324 | 2.390 | 2.609 | 3.122 | 3.713 | 3.235 | 3.126 | 2.868 | 3.197 | 3.117 | 2.760 | 3.246 | 3.359 | 2.459 | 2.131 | 1.926 | 1.925 | 1.709 | 2.885 | 2.532 | 1.608 | 1.333 | 1.971 | 1.930 | 2.132 | 2.614 | 3.137 | 2.547 | 2.372 | 2.020 | 2.421 |
| 13 | 14 | 2.238 | 2.496 | 2.583 | 3.077 | 3.578 | 3.204 | 3.183 | 3.218 | 3.315 | 3.200 | 2.955 | 3.265 | 3.461 | 2.245 | 2.250 | 1.848 | 1.676 | 1.682 | 2.946 | 2.152 | 1.794 | 1.390 | 1.606 | 2.021 | 2.167 | 2.726 | 3.124 | 2.725 | 2.418 | 1.837 | 2.401 |
| 14 | 15 | 2.498 | 2.763 | 2.737 | 3.397 | 3.540 | 3.062 | 3.215 | 3.200 | 3.362 | 3.345 | 2.805 | 3.303 | 3.445 | 2.300 | 2.480 | 1.841 | 1.812 | 1.640 | 2.956 | 2.074 | 1.616 | 1.492 | 1.746 | 1.997 | 2.434 | 2.723 | 2.904 | 2.573 | 2.468 | 1.970 | 2.544 |
| 15 | 16 | 2.670 | 2.779 | 2.737 | 3.263 | 3.512 | 3.062 | 3.229 | 3.074 | 3.449 | 3.311 | 3.236 | 3.271 | 3.407 | 2.348 | 2.460 | 1.910 | 1.737 | 1.607 | 2.738 | 1.931 | 1.801 | 1.452 | 1.776 | 2.060 | 2.380 | 2.552 | 2.820 | 2.614 | 2.528 | 2.054 | 2.808 |
| 16 | 17 | 2.505 | 2.837 | 2.542 | 3.284 | 3.505 | 3.048 | 3.250 | 3.061 | 3.263 | 3.033 | 3.279 | 3.441 | 3.728 | 2.589 | 2.239 | 1.630 | 1.665 | 1.713 | 2.869 | 1.735 | 1.750 | 1.467 | 1.833 | 2.025 | 2.530 | 2.715 | 2.776 | 2.572 | 2.553 | 2.112 | 2.535 |
| 17 | 18 | 2.782 | 3.084 | 2.761 | 3.382 | 3.709 | 3.223 | 3.271 | 2.856 | 3.342 | 3.144 | 3.391 | 3.442 | 3.913 | 2.313 | 2.324 | 1.852 | 2.115 | 1.954 | 2.882 | 1.938 | 1.931 | 1.665 | 1.933 | 2.111 | 2.776 | 2.670 | 3.002 | 2.918 | 2.840 | 2.530 | 2.683 |
| 18 | 19 | 3.123 | 3.124 | 3.031 | 3.422 | 3.923 | 3.468 | 3.290 | 3.384 | 3.360 | 3.541 | 3.796 | 3.777 | 4.081 | 2.599 | 2.499 | 2.060 | 2.537 | 2.448 | 3.151 | 2.366 | 2.276 | 2.131 | 2.254 | 2.421 | 2.861 | 2.824 | 3.192 | 3.128 | 3.081 | 2.943 | 2.820 |
| 19 | 20 | 3.183 | 3.297 | 3.204 | 3.765 | 4.044 | 3.653 | 3.626 | 3.671 | 3.736 | 3.685 | 4.184 | 3.865 | 4.417 | 3.024 | 2.885 | 2.740 | 3.308 | 3.152 | 3.794 | 2.734 | 2.604 | 2.369 | 2.691 | 2.926 | 3.257 | 3.136 | 3.546 | 3.521 | 3.399 | 3.528 | 3.428 |
| 20 | 21 | 3.406 | 3.956 | 3.585 | 4.048 | 4.457 | 4.020 | 4.135 | 4.174 | 4.127 | 4.437 | 4.636 | 4.373 | 5.056 | 3.842 | 3.583 | 3.674 | 4.195 | 4.151 | 4.854 | 4.051 | 3.835 | 3.591 | 3.831 | 4.191 | 4.483 | 4.485 | 4.634 | 4.619 | 4.750 | 4.556 | 4.811 |
| 21 | 22 | 4.622 | 4.918 | 4.613 | 5.156 | 5.654 | 5.402 | 5.429 | 5.303 | 5.448 | 5.483 | 5.978 | 5.394 | 6.062 | 5.076 | 4.756 | 4.474 | 4.304 | 4.535 | 4.870 | 4.910 | 4.712 | 4.327 | 4.621 | 5.051 | 5.434 | 5.180 | 5.432 | 5.310 | 5.245 | 5.087 | 5.461 |
| 22 | 23 | 4.344 | 4.642 | 4.159 | 4.641 | 5.209 | 4.871 | 4.799 | 4.763 | 4.815 | 4.684 | 5.374 | 4.960 | 4.786 | 4.029 | 4.015 | 3.518 | 3.509 | 3.606 | 3.884 | 3.771 | 3.663 | 3.389 | 3.616 | 3.907 | 4.272 | 4.236 | 4.179 | 4.162 | 4.068 | 4.187 | 4.157 |
| 23 | 24 | 3.047 | 3.396 | 2.909 | 3.330 | 3.683 | 3.452 | 3.307 | 3.394 | 3.504 | 3.537 | 4.058 | 3.760 | 3.444 | 2.725 | 2.704 | 2.309 | 2.296 | 2.554 | 2.744 | 2.605 | 2.345 | 2.274 | 2.424 | 2.683 | 2.886 | 3.152 | 2.993 | 2.994 | 2.896 | 2.869 | 3.063 |
| **Total zi** | | **54.922** | **57.962** | **58.769** | **66.063** | **75.708** | **68.840** | **69.153** | **65.826** | **69.823** | **69.165** | **71.075** | **73.726** | **76.769** | **60.258** | **52.661** | **45.820** | **46.015** | **45.609** | **60.078** | **50.915** | **46.134** | **40.051** | **43.616** | **48.225** | **54.674** | **57.663** | **63.091** | **61.476** | **57.105** | **51.493** | **58.848** |

| | |
|---|---|
| Total luna ore de noapte | 473.202 |
| Total luna ore de zi | 1,348.331 |
| Total Luna | **1,821.533** |

Vanzator
Hidroelectrica SA

SOCIETATEA DE PRODUCERE A ENERGIEI ELECTRICE IN HIDROCENTRALE
HIDROELECTRICA S.A.
3

Cumparator
SC CEZ VANZARE SA

## Tabel 2.9 - cantitatile de energie electrica orare contractate in luna Septembrie 2017

Cantitati de energie electrica orare contractate in Septembrie 2017

MWh

| Ora de la | Ora pina la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 2.221 | 2.477 | 2.691 | 2.099 | 2.059 | 1.579 | 1.809 | 2.036 | 2.119 | 2.332 | 2.220 | 1.672 | 1.649 | 1.895 | 1.956 | 2.173 | 2.319 | 2.025 | 1.736 | 1.571 | 1.612 | 1.616 | 2.033 | 2.231 | 1.823 | 2.028 | 1.982 | 2.052 | 1.937 | 2.088 | |
| 1 | 2 | 1.527 | 1.817 | 2.183 | 1.612 | 1.446 | 1.051 | 1.510 | 1.576 | 1.562 | 2.022 | 1.643 | 1.199 | 1.243 | 1.278 | 1.462 | 1.592 | 1.857 | 1.622 | 1.292 | 1.240 | 1.223 | 1.110 | 1.590 | 1.775 | 1.634 | 1.462 | 1.535 | 1.499 | 1.375 | 1.540 | |
| 2 | 3 | 1.374 | 1.595 | 1.832 | 1.380 | 1.150 | 0.848 | 1.298 | 1.365 | 1.249 | 1.656 | 1.459 | 1.014 | 0.989 | 1.181 | 1.153 | 1.269 | 1.558 | 1.337 | 1.139 | 1.115 | 1.041 | 1.000 | 1.329 | 1.625 | 1.417 | 1.470 | 1.342 | 1.291 | 1.217 | 1.367 | |
| 3 | 4 | 1.168 | 1.398 | 1.639 | 1.277 | 1.122 | 0.824 | 1.201 | 1.165 | 1.144 | 1.573 | 1.403 | 0.872 | 0.990 | 1.145 | 1.120 | 1.229 | 1.510 | 1.277 | 1.044 | 1.007 | 1.030 | 0.800 | 1.207 | 1.525 | 1.390 | 1.306 | 1.239 | 1.235 | 1.158 | 1.276 | |
| 4 | 5 | 1.254 | 1.347 | 1.672 | 1.196 | 0.942 | 0.728 | 1.207 | 1.264 | 1.069 | 1.495 | 1.324 | 0.970 | 0.966 | 1.177 | 1.205 | 1.275 | 1.435 | 1.279 | 0.998 | 0.984 | 1.031 | 0.882 | 1.331 | 1.497 | 1.423 | 1.307 | 1.397 | 1.291 | 1.103 | 1.346 | |
| 5 | 6 | 1.379 | 1.579 | 1.664 | 1.407 | 1.219 | 1.056 | 1.423 | 1.463 | 1.309 | 1.524 | 1.503 | 1.192 | 1.364 | 1.394 | 1.408 | 1.488 | 1.584 | 1.581 | 1.266 | 1.375 | 1.245 | 1.154 | 1.405 | 1.527 | 1.654 | 1.650 | 1.633 | 1.579 | 1.320 | 1.589 | |
| 6 | 7 | 1.516 | 1.655 | 1.582 | 1.458 | 1.642 | 1.327 | 1.590 | 1.849 | 1.519 | 1.581 | 1.824 | 1.846 | 1.940 | 1.945 | 1.958 | 1.873 | 1.638 | 2.177 | 1.901 | 1.882 | 1.975 | 1.826 | 1.847 | 1.664 | 2.462 | 2.174 | 2.188 | 2.140 | 2.214 | 1.983 | |
| 7 | 8 | 1.821 | 2.016 | 2.087 | 1.823 | 1.690 | 1.551 | 2.013 | 2.058 | 1.977 | 1.783 | 2.341 | 2.111 | 2.348 | 2.191 | 2.221 | 2.143 | 1.735 | 2.418 | 2.275 | 2.216 | 2.546 | 2.490 | 2.199 | 2.017 | 3.600 | 2.493 | 2.584 | 2.354 | 2.500 | 2.256 | |
| 8 | 9 | 1.616 | 2.541 | 2.210 | 1.878 | 1.920 | 1.669 | 2.554 | 2.547 | 2.853 | 2.231 | 1.670 | 1.947 | 1.745 | 1.938 | 1.633 | 2.733 | 2.184 | 2.143 | 2.148 | 1.966 | 2.536 | 1.913 | 2.680 | 2.643 | 2.458 | 2.401 | 2.820 | 1.946 | 2.032 | 2.545 | |
| 9 | 10 | 1.969 | 3.003 | 2.560 | 1.635 | 1.797 | 1.870 | 2.971 | 2.887 | 3.309 | 2.484 | 1.466 | 1.971 | 1.766 | 1.923 | 2.000 | 2.999 | 2.501 | 2.247 | 2.142 | 1.913 | 2.546 | 2.598 | 3.115 | 3.116 | 2.920 | 2.637 | 2.806 | 1.808 | 2.109 | 2.938 | |
| 10 | 11 | 2.395 | 3.185 | 2.781 | 1.957 | 2.013 | 1.855 | 2.908 | 3.014 | 3.488 | 2.576 | 1.359 | 2.039 | 1.795 | 2.072 | 2.133 | 3.187 | 2.866 | 2.348 | 2.088 | 1.946 | 2.653 | 2.473 | 3.658 | 3.534 | 2.989 | 2.691 | 2.863 | 1.688 | 1.891 | 2.865 | |
| 11 | 12 | 2.725 | 3.457 | 3.168 | 2.542 | 2.058 | 1.915 | 2.892 | 2.956 | 3.380 | 2.502 | 1.308 | 1.873 | 1.841 | 2.223 | 2.190 | 3.299 | 3.014 | 2.308 | 1.991 | 2.016 | 2.650 | 2.572 | 3.488 | 3.857 | 2.856 | 2.817 | 2.679 | 1.462 | 1.991 | 2.469 | |
| 12 | 13 | 2.715 | 3.467 | 3.179 | 2.474 | 1.955 | 2.084 | 2.727 | 2.847 | 3.150 | 2.448 | 1.289 | 1.706 | 1.882 | 2.043 | 2.322 | 3.206 | 3.021 | 2.040 | 2.027 | 1.922 | 2.537 | 2.335 | 3.216 | 3.761 | 2.649 | 2.765 | 2.417 | 1.015 | 1.832 | 2.206 | |
| 13 | 14 | 2.961 | 3.566 | 3.077 | 2.295 | 1.767 | 1.951 | 2.390 | 2.652 | 2.941 | 2.395 | 1.412 | 1.979 | 1.744 | 1.962 | 2.338 | 3.324 | 2.731 | 2.054 | 1.903 | 2.164 | 2.527 | 2.348 | 3.280 | 3.403 | 2.658 | 2.531 | 2.493 | 1.098 | 1.692 | 2.099 | |
| 14 | 15 | 2.934 | 3.643 | 2.967 | 2.377 | 1.903 | 2.127 | 2.445 | 2.492 | 2.996 | 2.437 | 1.620 | 2.083 | 1.803 | 2.150 | 2.470 | 3.297 | 2.713 | 1.906 | 2.102 | 2.163 | 2.521 | 2.368 | 3.272 | 3.471 | 2.440 | 2.666 | 2.366 | 1.264 | 1.592 | 2.018 | |
| 15 | 16 | 2.907 | 3.693 | 2.854 | 2.185 | 1.732 | 2.100 | 2.447 | 2.578 | 3.004 | 2.451 | 1.527 | 1.999 | 1.973 | 2.080 | 2.447 | 3.290 | 2.651 | 2.173 | 1.998 | 2.030 | 2.472 | 2.509 | 3.223 | 3.403 | 2.473 | 2.392 | 2.208 | 1.364 | 1.456 | 2.032 | |
| 16 | 17 | 2.925 | 3.894 | 2.565 | 2.276 | 1.627 | 1.933 | 2.546 | 2.535 | 3.151 | 2.312 | 1.389 | 2.014 | 2.133 | 2.136 | 2.572 | 3.528 | 2.654 | 2.359 | 2.169 | 1.880 | 2.254 | 2.599 | 3.279 | 3.424 | 2.754 | 2.545 | 2.134 | 0.954 | 1.393 | 2.166 | |
| 17 | 18 | 2.950 | 3.915 | 2.734 | 2.443 | 1.925 | 2.300 | 3.189 | 2.894 | 3.087 | 2.442 | 1.774 | 2.325 | 2.261 | 2.345 | 2.899 | 3.449 | 2.787 | 2.459 | 2.480 | 2.267 | 2.527 | 2.843 | 3.642 | 3.628 | 3.120 | 2.928 | 2.735 | 1.305 | 1.427 | 2.352 | |
| 18 | 19 | 3.443 | 4.099 | 2.924 | 2.992 | 2.177 | 2.422 | 3.740 | 3.749 | 3.497 | 2.690 | 2.020 | 2.620 | 2.702 | 2.695 | 2.993 | 3.614 | 3.065 | 3.108 | 2.914 | 2.607 | 3.165 | 3.801 | 4.073 | 4.239 | 3.836 | 3.763 | 3.443 | 2.136 | 2.203 | 2.894 | |
| 19 | 20 | 3.954 | 4.643 | 3.852 | 3.950 | 3.058 | 3.576 | 4.780 | 4.645 | 4.568 | 3.979 | 3.282 | 3.564 | 3.830 | 3.994 | 4.379 | 4.745 | 4.600 | 4.353 | 4.348 | 4.252 | 4.665 | 5.281 | 5.683 | 5.837 | 5.330 | 5.523 | 5.723 | 4.563 | 4.834 | 5.180 | |
| 20 | 21 | 5.505 | 6.198 | 5.406 | 5.721 | 5.037 | 5.820 | 5.677 | 5.888 | 6.628 | 6.491 | 5.537 | 5.649 | 6.270 | 6.260 | 6.556 | 6.849 | 6.464 | 5.941 | 6.078 | 5.805 | 6.050 | 6.371 | 6.590 | 6.356 | 5.706 | 5.861 | 6.646 | 5.907 | 5.830 | 6.443 | |
| 21 | 22 | 5.966 | 6.078 | 5.845 | 5.829 | 4.829 | 5.603 | 4.932 | 5.352 | 6.183 | 6.210 | 5.225 | 5.291 | 5.675 | 5.786 | 6.095 | 6.171 | 5.716 | 5.245 | 5.263 | 5.082 | 5.151 | 5.392 | 5.494 | 5.597 | 4.702 | 5.088 | 5.827 | 5.149 | 5.223 | 5.466 | |
| 22 | 23 | 4.840 | 4.918 | 4.409 | 4.410 | 3.654 | 4.250 | 3.938 | 4.147 | 4.792 | 4.741 | 3.832 | 3.895 | 4.200 | 4.214 | 4.451 | 4.684 | 4.264 | 3.859 | 3.856 | 3.683 | 3.788 | 4.229 | 4.223 | 4.061 | 3.656 | 3.864 | 4.422 | 3.679 | 4.015 | 4.322 | |
| 23 | 24 | 3.556 | 4.766 | 3.092 | 3.090 | 2.543 | 2.865 | 2.836 | 2.990 | 3.345 | 3.257 | 2.500 | 2.646 | 2.749 | 2.922 | 3.107 | 3.425 | 2.920 | 2.511 | 2.516 | 2.445 | 2.640 | 3.015 | 3.044 | 2.777 | 2.737 | 2.778 | 3.255 | 2.580 | 3.141 | 2.859 | |
| **Total zi** | | **65.621** | **77.950** | **68.973** | **60.306** | **51.265** | **53.304** | **65.023** | **66.949** | **72.320** | **65.612** | **50.927** | **54.477** | **55.858** | **58.949** | **63.068** | **74.842** | **67.787** | **60.770** | **57.674** | **55.531** | **62.385** | **63.525** | **74.901** | **76.968** | **68.687** | **67.140** | **68.737** | **51.359** | **55.485** | **64.299** | **0.000** |

| | |
|---|---|
| Total luna ore de noapte | 473.383 |
| Total luna ore de zi | 1,427.309 |
| Total Luna | **1,900.692** |

Vanzator
Hidroelectrica SA

Cumparator
SC CEZ VANZARE SA

## Tabel 2.10 - cantitatile de energie electrica orare contractate in luna Octombrie 2017

Cantitati de energie electrica orare contractate in Octombrie 2017

MWh

| Ora de la | Ora pina la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 2.327 | 2.503 | 2.043 | 1.900 | 2.173 | 2.023 | 2.734 | 3.114 | 2.908 | 2.527 | 2.681 | 2.801 | 2.789 | 2.850 | 2.603 | 2.734 | 2.564 | 2.344 | 2.444 | 2.944 | 2.848 | 3.292 | 2.604 | 2.865 | 2.784 | 3.016 | 2.609 | 2.915 | 1.936 | 2.084 | 1.574 |
| 1 | 2 | 1.916 | 2.044 | 1.699 | 1.616 | 1.844 | 2.477 | 2.286 | 2.655 | 2.575 | 2.106 | 2.367 | 2.328 | 2.399 | 2.270 | 2.186 | 2.263 | 2.036 | 1.922 | 1.998 | 2.504 | 2.387 | 2.868 | 2.218 | 2.481 | 2.426 | 2.644 | 2.315 | 2.695 | 1.860 | 1.783 | 1.235 |
| 2 | 3 | 1.933 | 1.753 | 1.505 | 1.537 | 1.620 | 1.860 | 2.042 | 2.379 | 2.331 | 2.080 | 2.241 | 2.238 | 2.246 | 1.997 | 1.823 | 2.002 | 1.889 | 1.752 | 1.854 | 2.380 | 2.189 | 2.594 | 2.164 | 2.347 | 2.441 | 2.574 | 2.261 | 2.405 | 1.423 | 1.569 | 0.948 |
| 3 | 4 | 1.866 | 1.726 | 1.508 | 1.370 | 1.514 | 1.747 | 2.078 | 2.323 | 2.243 | 1.966 | 2.235 | 2.127 | 2.225 | 1.909 | 1.809 | 1.902 | 1.746 | 1.619 | 1.869 | 2.078 | 2.262 | 2.526 | 2.187 | 2.317 | 2.336 | 2.530 | 2.160 | 2.322 | 1.847 | 1.411 | 0.920 |
| 3' | 4' | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 1.847 | 0.000 | 0.000 |
| 4 | 5 | 1.910 | 1.721 | 1.450 | 1.455 | 1.485 | 1.751 | 1.930 | 2.267 | 2.280 | 1.945 | 2.210 | 2.142 | 2.231 | 1.978 | 1.795 | 1.908 | 1.705 | 1.665 | 1.855 | 2.125 | 2.291 | 2.509 | 2.283 | 2.356 | 2.355 | 2.558 | 2.241 | 2.321 | 1.442 | 1.610 | 1.035 |
| 5 | 6 | 1.985 | 2.074 | 1.688 | 1.760 | 1.774 | 1.990 | 2.172 | 2.410 | 2.469 | 2.171 | 2.305 | 2.455 | 2.130 | 2.015 | 1.950 | 2.181 | 1.985 | 1.967 | 2.000 | 2.403 | 2.403 | 2.713 | 2.704 | 2.734 | 2.770 | 2.877 | 2.505 | 2.387 | 1.457 | 1.701 | 1.206 |
| 6 | 7 | 2.180 | 2.510 | 2.428 | 2.375 | 2.406 | 2.727 | 2.485 | 2.574 | 2.957 | 2.789 | 3.102 | 3.130 | 2.832 | 2.527 | 2.256 | 2.850 | 2.729 | 2.755 | 2.857 | 3.072 | 2.944 | 3.137 | 3.183 | 3.429 | 3.708 | 3.480 | 3.339 | 2.813 | 1.761 | 2.247 | 1.950 |
| 7 | 8 | 2.501 | 2.868 | 2.682 | 2.289 | 2.438 | 2.927 | 2.718 | 2.846 | 3.353 | 2.751 | 3.344 | 3.418 | 3.442 | 3.041 | 2.783 | 3.452 | 3.437 | 2.997 | 3.082 | 3.419 | 3.575 | 3.533 | 3.116 | 3.671 | 3.923 | 3.673 | 3.453 | 3.264 | 2.248 | 2.214 | 1.831 |
| 8 | 9 | 2.549 | 2.321 | 2.099 | 1.911 | 2.351 | 2.922 | 3.474 | 3.461 | 2.971 | 2.698 | 2.881 | 3.350 | 3.133 | 3.498 | 3.130 | 3.187 | 2.906 | 2.266 | 2.910 | 3.239 | 4.053 | 3.759 | 2.614 | 3.228 | 3.472 | 3.187 | 2.953 | 3.551 | 2.523 | 1.364 | 1.497 |
| 9 | 10 | 2.744 | 2.018 | 1.610 | 1.767 | 2.720 | 2.935 | 3.952 | 4.198 | 3.327 | 2.611 | 2.579 | 3.291 | 3.008 | 3.962 | 3.221 | 3.078 | 2.955 | 2.117 | 3.099 | 3.112 | 3.961 | 3.567 | 2.660 | 3.097 | 3.197 | 3.036 | 2.918 | 3.468 | 2.714 | 1.057 | 1.251 |
| 10 | 11 | 2.915 | 1.899 | 1.647 | 1.603 | 2.739 | 2.748 | 3.948 | 4.416 | 3.211 | 2.688 | 2.344 | 3.353 | 3.056 | 3.995 | 3.077 | 2.862 | 3.103 | 2.157 | 3.159 | 3.098 | 3.876 | 3.166 | 2.376 | 3.136 | 2.943 | 2.682 | 2.577 | 3.613 | 2.868 | 1.085 | 1.242 |
| 11 | 12 | 2.854 | 1.807 | 1.378 | 1.502 | 2.597 | 2.440 | 3.858 | 4.528 | 3.094 | 2.661 | 2.455 | 3.305 | 3.094 | 4.068 | 3.023 | 2.630 | 2.790 | 1.780 | 3.009 | 3.015 | 3.503 | 2.944 | 2.034 | 2.985 | 3.009 | 2.144 | 2.470 | 3.301 | 2.669 | 1.362 | 0.860 |
| 12 | 13 | 2.580 | 1.622 | 1.309 | 1.599 | 2.143 | 2.448 | 3.757 | 4.579 | 2.898 | 2.412 | 2.552 | 2.990 | 3.150 | 3.913 | 2.951 | 2.144 | 2.583 | 1.834 | 2.739 | 2.770 | 3.628 | 3.161 | 1.707 | 2.691 | 3.036 | 1.906 | 2.116 | 3.382 | 2.401 | 1.382 | 0.518 |
| 13 | 14 | 2.349 | 1.504 | 1.345 | 1.543 | 2.291 | 2.359 | 3.818 | 4.311 | 2.861 | 2.332 | 2.302 | 2.764 | 2.838 | 3.779 | 2.940 | 2.121 | 2.479 | 1.552 | 2.773 | 2.674 | 3.698 | 2.894 | 1.963 | 2.849 | 2.721 | 2.009 | 2.382 | 3.472 | 2.596 | 1.636 | 0.717 |
| 14 | 15 | 2.277 | 1.570 | 1.544 | 1.612 | 2.506 | 2.265 | 3.827 | 4.210 | 2.878 | 2.736 | 2.191 | 3.061 | 3.033 | 3.763 | 2.915 | 2.014 | 2.613 | 1.405 | 2.891 | 2.733 | 3.410 | 3.008 | 2.003 | 2.801 | 2.568 | 2.189 | 2.375 | 3.346 | 2.569 | 1.029 | 1.245 |
| 15 | 16 | 2.416 | 1.465 | 1.463 | 1.626 | 2.499 | 2.482 | 3.966 | 4.306 | 2.801 | 2.532 | 2.250 | 3.062 | 2.917 | 3.683 | 2.876 | 2.402 | 2.672 | 1.510 | 3.149 | 2.935 | 3.445 | 3.124 | 2.195 | 2.924 | 2.646 | 2.576 | 2.652 | 3.687 | 2.494 | 1.523 | 1.219 |
| 16 | 17 | 2.230 | 1.625 | 1.411 | 1.705 | 2.714 | 2.355 | 4.146 | 4.323 | 2.550 | 2.506 | 2.373 | 3.034 | 3.086 | 3.817 | 2.821 | 2.689 | 2.780 | 1.516 | 3.398 | 2.850 | 3.699 | 3.517 | 2.663 | 3.224 | 3.152 | 2.821 | 2.917 | 4.169 | 2.684 | 2.051 | 1.815 |
| 17 | 18 | 2.579 | 1.582 | 2.022 | 2.392 | 3.401 | 2.622 | 4.516 | 4.826 | 3.268 | 3.056 | 3.030 | 3.605 | 3.735 | 4.069 | 3.215 | 2.950 | 3.595 | 2.137 | 4.250 | 3.351 | 4.130 | 4.878 | 3.990 | 4.549 | 4.790 | 4.500 | 4.324 | 5.886 | 4.362 | 3.613 | 3.620 |
| 18 | 19 | 3.292 | 2.374 | 2.712 | 3.226 | 4.280 | 3.631 | 5.432 | 5.589 | 4.405 | 4.196 | 4.304 | 4.813 | 4.846 | 4.964 | 4.666 | 4.198 | 4.564 | 3.546 | 5.277 | 4.795 | 5.287 | 6.668 | 6.312 | 6.305 | 6.829 | 6.403 | 6.319 | 7.344 | 5.511 | 4.355 | 4.600 |
| 19 | 20 | 5.477 | 4.568 | 4.649 | 5.205 | 5.532 | 5.515 | 6.898 | 6.901 | 6.001 | 6.223 | 6.113 | 6.572 | 6.575 | 6.820 | 7.192 | 5.880 | 5.629 | 5.936 | 6.129 | 6.488 | 7.184 | 6.618 | 6.111 | 6.493 | 6.925 | 6.477 | 6.436 | 7.116 | 5.569 | 3.827 | 4.498 |
| 20 | 21 | 6.155 | 5.208 | 5.275 | 5.538 | 5.647 | 5.905 | 6.684 | 6.791 | 5.913 | 6.236 | 6.044 | 6.393 | 6.471 | 6.714 | 7.156 | 6.029 | 5.162 | 5.617 | 5.698 | 6.200 | 6.934 | 6.244 | 5.836 | 5.934 | 6.455 | 5.773 | 5.749 | 6.488 | 5.219 | 3.546 | 4.470 |
| 21 | 22 | 5.278 | 4.594 | 4.680 | 4.679 | 5.062 | 5.267 | 6.039 | 5.977 | 5.053 | 5.428 | 5.317 | 5.553 | 5.501 | 5.724 | 6.311 | 5.211 | 4.330 | 4.944 | 4.987 | 5.523 | 5.999 | 5.142 | 5.191 | 5.124 | 5.286 | 4.942 | 4.790 | 5.789 | 4.662 | 3.345 | 3.879 |
| 22 | 23 | 4.309 | 3.494 | 3.571 | 3.581 | 4.216 | 4.351 | 5.003 | 4.773 | 4.071 | 4.412 | 4.558 | 4.492 | 4.565 | 4.661 | 5.161 | 4.301 | 3.662 | 3.946 | 4.048 | 4.755 | 4.885 | 4.217 | 4.268 | 4.091 | 4.535 | 3.989 | 3.897 | 4.724 | 3.588 | 2.580 | 2.681 |
| 23 | 24 | 3.244 | 2.436 | 2.635 | 2.792 | 3.204 | 3.431 | 3.897 | 3.784 | 3.282 | 3.257 | 3.479 | 3.364 | 3.559 | 3.516 | 3.757 | 3.013 | 3.054 | 2.945 | 3.283 | 3.841 | 3.955 | 3.417 | 3.464 | 3.418 | 3.568 | 2.886 | 3.217 | 3.698 | 2.705 | 1.987 | 2.149 |
| **Total zi** | | **69.866** | **57.286** | **54.353** | **56.583** | **69.156** | **71.178** | **91.660** | **97.541** | **79.700** | **74.319** | **75.257** | **83.641** | **82.861** | **89.533** | **81.617** | **74.001** | **72.968** | **62.229** | **78.758** | **82.304** | **92.546** | **89.496** | **75.846** | **85.049** | **87.875** | **80.872** | **78.975** | **94.156** | **70.955** | **50.361** | **46.960** |

| | |
|---|---|
| Total luna ore de noapte | 630.610 |
| Total luna ore de zi | 1,727.292 |
| Total Luna | **2,357.902** |

Vanzator
Hidroelectrica SA

Cumparator
SC CEZ VANZARE SA

## Tabel 2.11 - cantitatile de energie electrica orare contractate in luna Noiembrie 2017

Cantitati de energie electrica orare contractate in Noiembrie 2017 — MWh

| Ora de la | pina la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 1.505 | 1.649 | 2.040 | 2.320 | 2.636 | 2.898 | 1.949 | 1.883 | 1.643 | 2.289 | 2.767 | 2.655 | 2.914 | 2.575 | 1.990 | 2.278 | 2.066 | 2.104 | 2.689 | 2.914 | 2.575 | 1.990 | 2.278 | 2.066 | 2.104 | 2.689 | 2.914 | 2.575 | 1.989 | 2.462 | |
| 1 | 2 | 1.264 | 1.249 | 1.625 | 1.797 | 2.394 | 2.140 | 1.502 | 1.135 | 1.649 | 1.726 | 2.068 | 2.520 | 2.471 | 2.321 | 1.733 | 1.772 | 1.554 | 1.884 | 2.475 | 2.471 | 2.321 | 1.733 | 1.772 | 1.554 | 1.884 | 2.475 | 2.470 | 2.321 | 1.733 | 2.215 | |
| 2 | 3 | 0.973 | 1.146 | 1.398 | 1.461 | 2.306 | 2.009 | 1.554 | 1.210 | 1.118 | 1.516 | 2.056 | 2.422 | 2.287 | 2.314 | 1.334 | 1.411 | 1.532 | 1.907 | 2.215 | 2.287 | 2.314 | 1.334 | 1.411 | 1.532 | 1.907 | 2.215 | 2.287 | 2.313 | 1.334 | 2.120 | |
| 3 | 4 | 1.029 | 1.114 | 1.370 | 1.625 | 2.287 | 1.962 | 1.352 | 1.222 | 1.304 | 1.656 | 2.136 | 2.269 | 2.116 | 1.917 | 1.275 | 1.366 | 1.565 | 1.662 | 3.770 | 2.116 | 1.917 | 1.275 | 1.366 | 1.565 | 1.662 | 3.770 | 2.116 | 1.917 | 1.274 | 3.203 | |
| 4 | 5 | 0.983 | 1.100 | 1.468 | 1.571 | 2.184 | 1.879 | 1.350 | 1.172 | 1.332 | 1.687 | 1.956 | 2.324 | 2.133 | 2.120 | 1.510 | 1.557 | 1.526 | 1.632 | 2.224 | 2.133 | 2.120 | 1.510 | 1.557 | 1.526 | 1.632 | 2.224 | 2.133 | 2.119 | 1.510 | 2.062 | |
| 5 | 6 | 1.274 | 1.596 | 1.722 | 2.092 | 2.397 | 2.162 | 1.635 | 1.316 | 1.781 | 1.747 | 2.413 | 2.354 | 2.467 | 2.423 | 1.638 | 1.713 | 1.599 | 1.833 | 2.333 | 2.467 | 2.423 | 1.638 | 1.713 | 1.599 | 1.833 | 2.333 | 2.466 | 2.423 | 1.638 | 2.007 | |
| 6 | 7 | 2.364 | 1.861 | 2.152 | 2.341 | 2.838 | 3.026 | 2.324 | 2.378 | 2.223 | 2.501 | 2.877 | 2.859 | 3.037 | 2.722 | 1.932 | 2.338 | 2.054 | 2.642 | 2.576 | 3.037 | 2.722 | 1.932 | 2.338 | 2.054 | 2.642 | 2.576 | 3.037 | 2.722 | 1.931 | 2.334 | |
| 7 | 8 | 2.199 | 1.842 | 2.136 | 2.784 | 3.170 | 2.707 | 2.306 | 2.111 | 2.417 | 2.914 | 3.688 | 3.400 | 3.332 | 3.223 | 2.709 | 2.818 | 2.155 | 3.223 | 3.247 | 3.332 | 3.223 | 2.709 | 2.818 | 2.155 | 3.223 | 3.247 | 3.332 | 3.223 | 2.709 | 2.972 | |
| 8 | 9 | 1.897 | 1.733 | 2.003 | 3.361 | 3.328 | 1.857 | 1.384 | 2.340 | 2.207 | 2.441 | 4.859 | 4.213 | 3.184 | 2.945 | 2.681 | 2.894 | 1.568 | 3.843 | 3.983 | 3.184 | 2.945 | 2.681 | 2.894 | 1.568 | 3.843 | 3.983 | 3.183 | 2.945 | 2.681 | 3.391 | |
| 9 | 10 | 1.740 | 1.494 | 1.940 | 3.695 | 3.275 | 1.170 | 1.522 | 2.227 | 2.445 | 2.274 | 5.443 | 4.459 | 3.582 | 3.002 | 2.925 | 3.163 | 2.091 | 4.203 | 4.470 | 3.582 | 3.002 | 2.925 | 3.163 | 2.091 | 4.203 | 4.470 | 3.581 | 3.001 | 2.925 | 3.360 | |
| 10 | 11 | 1.505 | 1.664 | 1.752 | 3.491 | 3.180 | 1.494 | 1.730 | 2.060 | 2.118 | 1.910 | 5.723 | 4.900 | 3.590 | 2.926 | 3.501 | 3.182 | 2.390 | 4.880 | 4.757 | 3.590 | 2.926 | 3.501 | 3.182 | 2.390 | 4.880 | 4.757 | 3.590 | 2.925 | 3.500 | 3.944 | |
| 11 | 12 | 1.681 | 1.824 | 2.462 | 3.824 | 2.997 | 1.622 | 1.843 | 2.375 | 2.173 | 1.919 | 5.729 | 5.055 | 3.590 | 2.943 | 3.549 | 3.900 | 2.546 | 4.940 | 5.012 | 3.590 | 2.943 | 3.549 | 3.900 | 2.546 | 4.940 | 5.012 | 3.589 | 2.942 | 3.549 | 3.892 | |
| 12 | 13 | 1.564 | 1.759 | 2.525 | 3.565 | 2.892 | 1.513 | 1.749 | 2.455 | 2.746 | 1.735 | 5.345 | 4.979 | 3.307 | 3.124 | 3.729 | 3.399 | 2.575 | 4.490 | 5.330 | 3.307 | 3.124 | 3.729 | 3.399 | 2.575 | 4.490 | 5.330 | 3.306 | 3.123 | 3.729 | 4.139 | |
| 13 | 14 | 1.632 | 2.143 | 2.713 | 3.560 | 3.068 | 2.104 | 2.048 | 2.837 | 2.745 | 2.022 | 5.237 | 4.756 | 3.353 | 3.195 | 3.830 | 3.348 | 3.181 | 4.594 | 4.417 | 3.353 | 3.195 | 3.830 | 3.348 | 3.181 | 4.594 | 4.417 | 3.352 | 3.194 | 3.829 | 4.217 | |
| 14 | 15 | 1.634 | 1.751 | 2.923 | 3.432 | 3.313 | 1.610 | 2.036 | 2.854 | 2.934 | 1.766 | 5.390 | 4.637 | 3.418 | 3.215 | 3.510 | 3.381 | 3.439 | 4.584 | 4.349 | 3.418 | 3.215 | 3.510 | 3.381 | 3.439 | 4.584 | 4.349 | 3.417 | 3.215 | 3.510 | 4.658 | |
| 15 | 16 | 1.860 | 2.449 | 3.128 | 3.324 | 3.387 | 2.313 | 2.208 | 2.948 | 3.457 | 2.439 | 5.555 | 4.754 | 3.638 | 3.675 | 3.477 | 3.368 | 3.514 | 4.723 | 4.362 | 3.638 | 3.675 | 3.477 | 3.368 | 3.514 | 4.723 | 4.362 | 3.638 | 3.674 | 3.477 | 4.655 | |
| 16 | 17 | 2.297 | 2.827 | 3.652 | 3.901 | 3.769 | 2.892 | 2.667 | 3.741 | 3.639 | 3.086 | 5.957 | 5.110 | 4.400 | 4.251 | 4.343 | 4.169 | 3.761 | 5.144 | 4.614 | 4.400 | 4.251 | 4.343 | 4.169 | 3.761 | 5.144 | 4.614 | 4.399 | 4.250 | 4.342 | 4.547 | |
| 17 | 18 | 3.605 | 4.378 | 4.377 | 5.244 | 5.660 | 4.301 | 4.469 | 4.618 | 4.510 | 4.969 | 7.364 | 6.426 | 5.680 | 5.227 | 5.656 | 5.227 | 4.543 | 7.193 | 5.582 | 5.680 | 5.227 | 5.656 | 5.227 | 4.543 | 7.193 | 5.582 | 5.679 | 5.226 | 5.655 | 5.100 | |
| 18 | 19 | 5.015 | 5.138 | 5.205 | 6.035 | 6.141 | 5.198 | 4.929 | 4.978 | 5.311 | 5.275 | 7.531 | 7.186 | 6.254 | 5.396 | 5.796 | 4.927 | 4.798 | 7.339 | 6.610 | 6.254 | 5.396 | 5.796 | 4.927 | 4.798 | 7.339 | 6.610 | 6.254 | 5.396 | 5.796 | 5.036 | |
| 19 | 20 | 4.856 | 5.059 | 4.992 | 5.663 | 5.766 | 4.721 | 4.318 | 4.358 | 4.878 | 5.215 | 7.122 | 6.809 | 6.152 | 5.124 | 5.304 | 5.067 | 4.739 | 6.870 | 6.481 | 6.152 | 5.124 | 5.304 | 5.067 | 4.739 | 6.870 | 6.481 | 6.151 | 5.124 | 5.303 | 5.600 | |
| 20 | 21 | 4.646 | 4.220 | 4.580 | 4.872 | 5.113 | 4.525 | 3.649 | 3.775 | 4.496 | 4.723 | 6.314 | 6.279 | 5.665 | 4.644 | 4.983 | 4.887 | 4.331 | 6.117 | 5.565 | 5.665 | 4.644 | 4.983 | 4.887 | 4.331 | 6.117 | 5.565 | 5.665 | 4.643 | 4.983 | 5.466 | |
| 21 | 22 | 4.139 | 3.507 | 3.620 | 4.136 | 4.631 | 3.585 | 3.083 | 3.371 | 3.993 | 4.175 | 5.263 | 5.747 | 5.122 | 4.083 | 4.501 | 4.452 | 3.758 | 5.209 | 5.220 | 5.122 | 4.083 | 4.501 | 4.452 | 3.758 | 5.209 | 5.220 | 5.122 | 4.083 | 4.500 | 4.577 | |
| 22 | 23 | 3.356 | 3.111 | 3.057 | 3.611 | 4.399 | 3.049 | 2.388 | 2.844 | 3.153 | 3.697 | 5.112 | 5.057 | 3.873 | 3.153 | 3.826 | 3.505 | 3.366 | 5.030 | 4.500 | 3.873 | 3.153 | 3.826 | 3.505 | 3.366 | 5.030 | 4.500 | 3.872 | 3.153 | 3.825 | 3.981 | |
| 23 | 24 | 2.761 | 2.685 | 2.578 | 3.426 | 3.259 | 2.699 | 2.385 | 2.400 | 3.093 | 2.981 | 3.767 | 3.552 | 3.542 | 2.951 | 3.455 | 3.225 | 2.914 | 3.802 | 3.620 | 3.542 | 2.951 | 3.455 | 3.225 | 2.914 | 3.802 | 3.620 | 3.541 | 2.951 | 3.454 | 3.391 | |
| **Total zi** | | **55.779** | **57.299** | **65.418** | **81.131** | **84.390** | **63.436** | **56.380** | **62.608** | **67.365** | **66.663** | **111.672** | **104.722** | **89.107** | **79.469** | **79.187** | **77.347** | **67.565** | **99.848** | **100.401** | **89.107** | **79.469** | **79.187** | **77.347** | **67.565** | **99.848** | **100.401** | **89.094** | **79.458** | **79.176** | **89.329** | **0.000** |

| | |
|---|---|
| Total luna ore de noapte | 555.416 |
| Total luna ore de zi | 1,844.352 |
| Total Luna | **2,399.768** |

Vanzator
~~Hidroelectrica SA~~

SOCIETATEA DE PRODUCERE A ENERGIEI ELECTRICE IN HIDROCENTRALE HIDROELECTRICA SA

Cumparator
SC CEZ VANZARE SA

CEZ VANZARE S.A. Bucuresti SECTIUNEA AUPORT

## Tabel 2.12 - cantitatile de energie electrica orare contractate in luna Decembrie 2017

Cantitati de energie electrica orare contractate in Decembrie 2017

MWh

| Ora de la | pina la | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 1.304 | 1.691 | 2.535 | 3.092 | 3.037 | 2.440 | 3.221 | 3.183 | 2.665 | 3.373 | 3.627 | 2.854 | 2.127 | 2.127 | 2.181 | 2.546 | 2.438 | 2.110 | 3.080 | 2.854 | 2.127 | 2.181 | 2.546 | 1.989 | 3.774 | 3.226 | 3.503 | 3.784 | 3.972 | 2.603 | 3.310 |
| 1 | 2 | 0.763 | 1.326 | 2.283 | 2.847 | 2.466 | 2.208 | 2.834 | 2.373 | 2.436 | 2.939 | 3.080 | 2.178 | 1.663 | 1.663 | 1.825 | 1.904 | 2.287 | 1.713 | 3.080 | 2.178 | 1.663 | 1.825 | 1.904 | 1.758 | 3.509 | 2.569 | 3.019 | 3.601 | 3.637 | 1.837 | 3.229 |
| 2 | 3 | 0.454 | 1.083 | 2.186 | 2.676 | 2.387 | 2.227 | 2.644 | 1.856 | 2.534 | 3.002 | 2.950 | 1.991 | 1.506 | 1.506 | 1.743 | 1.635 | 2.081 | 1.630 | 2.950 | 1.991 | 1.506 | 1.743 | 1.635 | 1.842 | 3.177 | 2.362 | 2.806 | 3.138 | 3.415 | 1.969 | 2.849 |
| 3 | 4 | 0.575 | 1.060 | 3.293 | 2.388 | 2.502 | 2.054 | 2.593 | 1.867 | 2.552 | 4.548 | 2.664 | 1.734 | 1.662 | 1.662 | 1.792 | 1.447 | 2.241 | 3.316 | 2.664 | 1.734 | 1.662 | 1.792 | 1.447 | 1.713 | 2.999 | 2.286 | 2.723 | 3.239 | 3.457 | 2.074 | 2.980 |
| 4 | 5 | 0.722 | 1.065 | 2.127 | 2.507 | 2.616 | 2.029 | 2.604 | 1.677 | 2.293 | 2.789 | 2.621 | 1.718 | 1.678 | 1.678 | 1.678 | 1.578 | 2.389 | 1.490 | 2.621 | 1.718 | 1.678 | 1.678 | 1.578 | 1.659 | 3.090 | 2.344 | 2.949 | 3.315 | 3.220 | 1.995 | 2.858 |
| 5 | 6 | 0.657 | 1.375 | 2.070 | 2.821 | 2.593 | 2.194 | 2.562 | 1.665 | 2.564 | 2.726 | 2.731 | 1.774 | 1.532 | 1.532 | 1.530 | 1.559 | 2.513 | 1.483 | 2.731 | 1.774 | 1.532 | 1.530 | 1.559 | 1.960 | 3.229 | 2.397 | 2.961 | 3.427 | 3.243 | 2.052 | 2.765 |
| 6 | 7 | 1.364 | 2.185 | 2.404 | 3.284 | 2.912 | 2.431 | 3.095 | 2.364 | 3.472 | 2.891 | 3.157 | 2.458 | 2.074 | 2.074 | 2.227 | 2.277 | 3.226 | 1.850 | 3.157 | 2.458 | 2.074 | 2.227 | 2.277 | 2.714 | 3.629 | 2.596 | 3.667 | 3.920 | 3.284 | 2.752 | 3.057 |
| 7 | 8 | 2.615 | 2.325 | 3.057 | 3.015 | 3.439 | 2.962 | 3.076 | 2.555 | 4.507 | 3.937 | 3.620 | 2.928 | 3.046 | 3.046 | 3.027 | 3.398 | 3.626 | 2.324 | 3.620 | 2.928 | 3.046 | 3.027 | 3.398 | 3.064 | 4.157 | 3.823 | 5.417 | 5.923 | 3.497 | 3.617 | 3.633 |
| 8 | 9 | 2.257 | 2.671 | 3.486 | 2.628 | 2.698 | 2.429 | 2.554 | 1.559 | 4.430 | 4.336 | 2.967 | 1.970 | 2.596 | 2.596 | 2.575 | 3.310 | 4.070 | 2.338 | 2.967 | 1.970 | 2.596 | 2.575 | 3.310 | 3.325 | 4.690 | 3.831 | 5.751 | 5.899 | 3.380 | 3.508 | 4.536 |
| 9 | 10 | 2.127 | 3.245 | 3.453 | 2.557 | 2.593 | 2.463 | 2.525 | 1.552 | 4.456 | 4.531 | 2.926 | 2.016 | 2.725 | 2.725 | 2.419 | 3.394 | 4.071 | 2.217 | 2.926 | 2.016 | 2.725 | 2.419 | 3.394 | 3.292 | 4.645 | 3.977 | 6.326 | 5.099 | 2.978 | 3.439 | 4.959 |
| 10 | 11 | 2.062 | 3.759 | 4.051 | 2.586 | 2.552 | 3.185 | 2.766 | 1.928 | 3.784 | 4.538 | 2.776 | 1.861 | 2.369 | 2.369 | 2.148 | 3.141 | 4.179 | 1.897 | 2.776 | 1.861 | 2.369 | 2.148 | 3.141 | 3.266 | 4.337 | 4.082 | 6.541 | 4.925 | 2.426 | 3.321 | 5.086 |
| 11 | 12 | 2.482 | 3.786 | 3.998 | 3.062 | 2.786 | 3.566 | 3.402 | 1.772 | 3.906 | 4.659 | 2.686 | 1.898 | 2.402 | 2.402 | 2.150 | 3.023 | 4.087 | 2.372 | 2.686 | 1.898 | 2.402 | 2.150 | 3.023 | 3.258 | 3.964 | 4.094 | 6.431 | 4.812 | 2.430 | 3.291 | 5.242 |
| 12 | 13 | 2.392 | 3.746 | 4.250 | 2.992 | 2.703 | 3.362 | 3.406 | 1.967 | 4.786 | 4.751 | 2.554 | 2.389 | 2.705 | 2.705 | 2.680 | 3.398 | 4.222 | 2.483 | 2.554 | 2.389 | 2.705 | 2.680 | 3.398 | 3.134 | 3.907 | 3.823 | 5.925 | 4.334 | 2.221 | 3.120 | 5.423 |
| 13 | 14 | 2.148 | 3.712 | 4.330 | 2.886 | 2.546 | 3.394 | 3.538 | 3.304 | 4.532 | 4.682 | 2.544 | 2.600 | 2.639 | 2.639 | 2.634 | 3.439 | 4.401 | 2.127 | 2.544 | 2.600 | 2.639 | 2.634 | 3.439 | 3.141 | 3.755 | 3.655 | 5.950 | 3.858 | 1.955 | 2.959 | 5.307 |
| 14 | 15 | 2.227 | 3.382 | 4.780 | 3.159 | 2.808 | 3.306 | 3.094 | 3.290 | 4.675 | 4.992 | 2.608 | 2.659 | 2.892 | 2.892 | 2.962 | 2.881 | 4.758 | 2.662 | 2.608 | 2.659 | 2.892 | 2.962 | 2.881 | 3.503 | 3.704 | 3.848 | 5.716 | 4.048 | 2.094 | 3.463 | 5.544 |
| 15 | 16 | 2.312 | 3.622 | 4.778 | 3.745 | 3.083 | 3.556 | 3.110 | 2.975 | 4.489 | 4.716 | 3.029 | 2.566 | 2.907 | 2.907 | 3.031 | 2.922 | 4.656 | 2.542 | 3.029 | 2.566 | 2.907 | 3.031 | 2.922 | 3.618 | 3.694 | 4.193 | 5.594 | 4.270 | 2.648 | 3.577 | 5.573 |
| 16 | 17 | 2.917 | 3.537 | 4.667 | 4.161 | 3.124 | 3.596 | 3.435 | 3.083 | 4.543 | 4.941 | 3.655 | 3.410 | 3.638 | 3.638 | 3.745 | 3.115 | 4.416 | 2.752 | 3.655 | 3.410 | 3.638 | 3.745 | 3.115 | 4.278 | 4.179 | 4.714 | 5.705 | 4.720 | 2.728 | 3.995 | 5.753 |
| 17 | 18 | 3.634 | 4.550 | 5.232 | 4.003 | 3.921 | 4.606 | 4.293 | 3.690 | 5.026 | 5.386 | 4.479 | 3.985 | 4.590 | 4.590 | 4.657 | 4.052 | 5.000 | 3.439 | 4.479 | 3.985 | 4.590 | 4.657 | 4.052 | 5.144 | 5.409 | 5.495 | 6.141 | 6.205 | 4.423 | 4.765 | 6.861 |
| 18 | 19 | 4.254 | 4.997 | 5.168 | 3.894 | 4.132 | 4.696 | 4.442 | 4.141 | 4.868 | 5.926 | 3.989 | 3.875 | 4.746 | 4.746 | 4.778 | 4.605 | 5.166 | 4.133 | 3.989 | 3.875 | 4.746 | 4.778 | 4.605 | 5.411 | 6.092 | 5.725 | 6.636 | 6.467 | 5.031 | 5.031 | 7.446 |
| 19 | 20 | 4.202 | 4.702 | 5.743 | 3.963 | 4.073 | 4.732 | 4.195 | 3.708 | 5.178 | 5.754 | 4.358 | 3.879 | 4.611 | 4.611 | 4.268 | 4.343 | 5.140 | 4.158 | 4.358 | 3.879 | 4.611 | 4.268 | 4.343 | 5.546 | 6.072 | 6.086 | 6.802 | 6.450 | 5.413 | 5.413 | 7.100 |
| 20 | 21 | 3.961 | 4.383 | 5.607 | 4.059 | 4.157 | 4.224 | 3.663 | 3.757 | 4.908 | 5.864 | 4.425 | 3.774 | 3.987 | 3.987 | 4.180 | 4.372 | 5.163 | 3.968 | 4.425 | 3.774 | 3.987 | 4.180 | 4.372 | 5.219 | 5.835 | 5.731 | 6.482 | 6.179 | 5.199 | 5.199 | 6.891 |
| 21 | 22 | 3.270 | 3.627 | 4.698 | 4.053 | 3.412 | 4.219 | 3.681 | 3.517 | 4.320 | 5.942 | 4.450 | 3.878 | 3.690 | 3.690 | 4.175 | 3.723 | 4.442 | 3.386 | 4.450 | 3.878 | 3.690 | 4.175 | 3.723 | 4.778 | 5.369 | 5.444 | 5.684 | 5.816 | 4.728 | 4.728 | 6.469 |
| 22 | 23 | 2.710 | 3.409 | 4.089 | 3.576 | 3.328 | 3.385 | 2.992 | 3.779 | 3.733 | 5.703 | 3.704 | 3.282 | 3.096 | 3.096 | 3.680 | 3.398 | 3.913 | 3.322 | 3.704 | 3.282 | 3.096 | 3.680 | 3.398 | 4.019 | 4.958 | 5.347 | 5.583 | 5.551 | 4.541 | 4.541 | 6.436 |
| 23 | 24 | 2.082 | 3.101 | 3.486 | 3.446 | 3.798 | 4.008 | 4.567 | 3.845 | 3.630 | 4.311 | 3.220 | 3.143 | 3.161 | 3.161 | 3.811 | 2.685 | 3.283 | 3.080 | 3.220 | 3.143 | 3.161 | 3.811 | 2.685 | 3.546 | 4.038 | 4.486 | 4.432 | 4.989 | 4.089 | 4.089 | 6.148 |
| **Total zi** | | **53.491** | **72.339** | **91.771** | **77.400** | **73.666** | **77.272** | **78.292** | **65.407** | **94.287** | **107.237** | **78.820** | **64.820** | **68.042** | **68.042** | **69.896** | **72.145** | **91.768** | **62.792** | **78.273** | **64.820** | **68.042** | **69.896** | **72.145** | **81.177** | **102.212** | **96.134** | **122.744** | **113.969** | **84.009** | **83.338** | **119.455** |

| | |
|---|---|
| Total luna ore de noapte | 665.280 |
| Total luna ore de zi | 1,858.421 |
| Total Luna | **2,523.701** |

Vanzator
Hidroelectrica SA

SOCIETATEA DE PRODUCERE A ENERGIEI ELECTRICE IN HIDROCENTRALE HIDROELECTRICA S.A. 3

Cumparator
SC CEZ VANZARE SA

VANZARE S.A. Biroul SERVICIU SUPORT