

(FOTO que ocupa toda a página)

A Joint Operation

Cemig and Cedec carry out a test of maximum and minimum generation test. **Pages 6 and 7**

(FOTO canto esquerdo da página)

Efficiency

Graduation of the agents of *Conviver Project*.

Page 3

(FOTO canto esquerdo do pé da página)

Technology

Technical Congress of Sendi awards employees.

Page 4

COMPANY

(FOTO no canto esquerdo do topo da página)

Director Fernando Schuffner took part on the event Together with chief judge Joaquim Herculano Rodrigues

Contingency Plan guarantees election on 2nd round (Plano da Contigência garante...)

During the two rounds of the municipal election, Cemig guaranteed the supply of electricity to the process of poll and counting of the 774 counties that belong of its concession area. In the cities of Minas Gerais where there was a second round (Belo Horizonte, Contagem, Juiz de Fora and Montes Claros), on October 26th, Cemig kept alert to guarantee once more the good course of the entire electoral process.

Last June it was signed with Regional Electoral Court – TRE-MG an agreement of mutual cooperation and supply of the needed support for the accomplishment of the process.

On the first round, only 20 demands of electricity shortage were registered at the 9.5 thousand poll spots, 354 data transmission places and 557 electoral courts. These interruptions, however, did not stop the electoral process at the poll sectors as the reestablishment of electricity happen before the urns' batteries went off.

There were 1.3 thousand employees involved on the contingency plan among attendants, agents, electricians and operation technicians to prioritize the services to the poll spots as well as during the transmission and counting of the results.

Manager of Center Distribution Operation Management – CD/CO Danilo Gusmão Araújo, believes that the success of the contingency plan on the first round was due to the preliminaries actions carried out by the Company on the electric system maintenance and on the mobilization of teams to assure the ready re-establishment at those locals where would occur electricity shortage.

TRE-MG sent a letter addressed to Cemig's president Djalma Morais, thanking for the performance of the Company during the elections this year. According to the letter, dated November 14th, the agreement was "one of the important factors for the success of the election campaign". The court's president, chief judge Almeida Melo, emphasized also the continuity of the election campaign's advertising enabled by Cemig that, for the fifth time on end, distributed to the electoral courts of Minas advertising material about the poll process and of support to the electors' training such as posters and "reminders".

(FICHA TÉCNICA)

(LOGO CEMIG)

Director-President: Djalma Bastos de Morais

Director Vice-President: Djalma Bastos de Morais (accumulative)

Distribution and Commercialization Director: Fernando Henrique Schuffner Neto

Finance, Participations and Relationships with Investors and Control of Participation: Luiz Fernando Rolla

Generation and Transmission Director: Luiz Henrique de Castro Carvalho

Enterprise Management Director: Marco Antonio Rodrigues da Cunha

New Projects Director: José Carlos de Mattos

Commercial Director: Bernardo Afonso de Alvarenga

CEMIG NEWS

Monthly Publishing of CEMIG

Published by Enterprise Communication Superintendence (CE)

Av. Barbacena, 1200 – 19th floor, Phone: (31)3506.4949/3506.2052, Fax: (31)3506.2039/ 3506.2023, POBOX: 992 – Belo Horizonte/MG

e-mail: imprensa@cemig.com.br, website: <http://www.cemig.com.br>

Editor in chief: Luiz Henrique Michalick, Reg. no. 2211 SJPMG

Final Edition: João Batista Pereira

Editorial Staff: João Batista Pereira, Carlos Henrique Santiago, Ana Paula Morais, Luiza Campos, Verônica Soares, Jonatas Andrade, Cibele Andrade, Kênia Rodrigues

Photos: Eugênio Paccelli, Ronaldo Guimarães, Gláucia Rodrigues and collaborators

Art editor: Cláudia Tartaglia

Graphic Design: *C&T Design* – Cláudia Tartaglia, Reg. Prof. 3511/MG

Printing: *Esdeva Indústria Gráfica*

Issuing: 22.000 issues

Associated with

(LOGO ABERJE)

Cemig's Mission: To act on the energy's sector with profitability, quality and social responsibility.

***Conviver* qualifies residents to perform in the communities where they live** (*Conviver capacita moradores...*)

Cemig carried out on October 27th the graduation solemnity (*photo*) of 74 agents of the community relationship of *Conviver Project* at the Company's headquarters auditorium. *Conviver* agents were selected from the communities where the project is present and, during this month Cemig qualified through classes of basic electricity, commerce and human formation. Besides these agents, motorcyclists, keypunch operators, administrative analysts and electro-technicians received also specific training of the areas where they will work at.

A protagonist of Cemig's work together to the consumers of the popular communities, *Conviver* agent goes house by house guiding the residents about appropriate, safe and efficient electricity consumption. According to engineer of energetic solution of Coordination of Income Protection and Use of Energy Management – RC/IP and coordinator of *Conviver*, Henrique Fernando França Costa, the agents go through, from November, 98 villages and popular communities of Metropolitan Region of Belo Horizonte – MRBH. "Up to August 2009, the expectation is to benefit about 150 thousand families", says the coordinator.

The agents hired by the Company earn R\$550 monthly; have a health plan, meal voucher and working hours of eight hours daily.

Opportunity

This time, the difference is that about 15 former participants of Cemig's Learning Program of Minor Salesiano Center – Cesam were hired. The youngsters come from the popular communities that *Conviver* is present at, what facilitates the reception and credibility of the actions performed in the communities. On the top of that, the integration of the teenagers into the social and economical life of the city helps on the reduction of social risk, adding another benefit to the project.

According to Henrique Costa, the initiative is part of the premises of *Conviver Project*: the generation of employment and income to the communities. The measure has as a goal "to give these teenagers the opportunity to carry on their professional and educational qualification associated to an income", says the coordinator.

The other agents were selected through recommendation of the local communities' leaderships.

Conviver

Conviver Project aims at promoting the access to appropriate rendering services and giving guidance related to the correct, efficient and safe electricity use in order to adapting the electricity bill to the economical reality of the popular communities' customers. According to Henrique França Costa, the actions and measures of energetic efficiency installed aim at the awareness and habits' change, the use of efficient equipment and the good use to avoid waste of electricity.

(DEPOIMENTOS)

"It is a very good experience. It creates a strong bond with the community. I'm going to be a bridge between Cemig and the community". Carla Patricia Laurindo, 23 years-old, former agent and selected once more, Vista Alegre.

"I think that it is a mega challenging proposal because besides of facilitating the access of the resident to Cemig, we're also going to be the conscience builders of these residents. Once more, we're going to be able to contribute to the growth and development of our community". Ricardo Romualdo da Silva, 34 years-old, a first time agent, Cabana Pai Tomaz.

"My experience at Cemig was super because it was my first job and I could learn a lot there. To go back to *Conviver Project* was everything I wanted. As I know the people of the community it will be much easier". Victor Evandro do Nascimento, 18 years-old, former trainee of Cesam, Barreiro.

(FOTO no pé da página)

Employees awarded at technical congress of Sendi (Empregados premiados no...)

With a large number of selected technical works, Cemig confirmed the technical congress expectations of the 18th National Electricity Distribution Seminar – SENDI, held in Olinda (Pernambuco), in October. At the end of the event, the employees brought to Minas Gerais three first-place trophies, assuring the best award among the distributors that took part on the event. Cemig’s works were the most voted at the on-the-spot sessions of two technical themes related to distribution networks, lines and sub-stations and of an institutional theme, showing the Company’s excellence on these fields.

Altogether, 31 Cemig’s works were selected: 24 for on-the-spot presentations and 7 on poster format. According to Sendi’s statute, each theme (on-the-spot and poster) had a best-awarded work. To choose this work, it was taken into consideration the evaluation of the selection committee, the board’s president and the congressmen. Manager of Customer Relations Center Management – RC/CR Manoel Xavier Rodrigues, and commercial agent William Evans Duarte Melo, of Commercial Relations and Services Management of Governador Valadares – DL/GV, the winning themes were: *Regulatory aspects and tariffs*, with the presentation of *Updating of register data – low income register and installation of Distribution Cemig customers’ management system*. This work, that has already arouse interest of other concessionaires of the Country, approached aspects of installation of Customer Management System – CMS at Cemig, from 2006 to 2008.

The work *Mobile transformation and generation, a solution for the conflict: scheduled shutdowns x DECP*, of André Miranda Pereira e Galdino da Silva Mendes of Commercial Relations and Services Management of João Monlevade – DL/ML, and Alfredo Wesley de Carvalho of Commercial Relations and Services Management of Ipatinga – DL/IP, was the highlight of the theme *Operation, protection, control, telecommunications and automation of sub-stations, lines and networks up to 138kV*, thanks to its applicability.

The authors wrote the work from a creative solution found to carry out maintenance on the rural distribution networks of East region without increasing the indexes of scheduled shutdowns and avoiding, therefore, the increment of accidental shutdowns. With the use of the equipment of mobile transformation and generation – MTG, it was possible to carry out the works up to ten hours without interrupting the supply of electricity.

Within the theme *Project and patterns of distribution networks, lines and sub-stations up to 138kV set up*, the work awarded by Sendi was *Reduction of short circuits caused by small animals at Cemig’s sub-stations*, of Paulo Roberto Freitas Carvalho Costa and Hêlbio Lima de Paula, both of Distribution Assets Engineering Management – EG/AE, Roberto Márcio Coutinho of Distribution Sub-Stations Engineering Management – EX/CE, and Eduardo M. J. Vaz. Together with Tyco Electronics and Ritz do Brasil suppliers they manage to avoid 100% of the interruptions caused by small animals on lines of 13.8kV at the sub-stations where the procedure was installed.

(FOTO no canto direito do topo da página)

The use of MTG reduced time of interruption in the East

(CHAMADA do Sendi no lado direito da página)

XVIII National Electricity Distribution Seminar

(FOTO no canto esquerdo do pé da página)

Device avoids shutdowns at sub-stations

(FOTO no canto esquerdo do topo da página)

Competition liven up Três Marias (Competição movimenta Três Marias)

Três Marias Lake, one of the biggest reservoirs of Brazil, was the stage of two nautical events held between October 13th and November 2nd. The first was the 27th Laser Class Sailboat Center-East Championship that includes laser standard, radial and 4.7 class and that is valid for the national ranking. The second event was 1st Canoe Race, a first time event in São Francisco River and that involved fishermen of several colonies in the dispute of the faster oarsman title of the region.

In partnership with Cemig's *Peixe Vivo Program*, the Municipal City Hall of Três Marias held the Sailing Boat Championship phase that had also the organization of Três Marias Nautical Yacht Club, Center-East Laser Coordination, *Lagoa dos Ingleses* Yacht Club and Três Marias Lake Tourist Circuit – Turlago.

After the event, the organizers confirmed for next year the realization of Minas Gerais championship of laser category in Três Marias, besides of new championships.

“Sailing to educate”

During the opening of the stage, on the first day, the City Department of Sports and Tourism of Três Marias launched *Social Sail – Inclusion Anchor* project directed to teenagers and children at social vulnerability situation. The initiative has as its basis *Grael Project* that develops actions of sports initiation through swimming and sail classes, complementary teaching and professional initiation.

Project's sailor and creator Lars Grael gave the opening speech of the event (*photo*) bringing experience to the activities already developed in Niterói (RJ). According to Secretary Elias Oliveira, the initiative of the sailor is a reference for the actions that are being installed in the county, including proposals of fomenting the nautical craft. “The event will be a great opportunity to arouse the interest of teenagers in the sport, besides of attracting tourists, generating employment and income”, he foresees.

Canoes' race

A character of the historical process of occupation of São Francisco and an essential tool in the development of the traditional fishing sector of the region, the canoe has been losing its space to the engine boats. This was one of the reasons for holding the 1st Canoe Race of São Francisco.

The canoes' race (*photo*) was organized by the Craft Fishermen Federation of Minas Gerais, Cemig and Municipal City Hall of Três Marias. Representatives of the colonies and associations of fishermen of Pirapora, Ibiaí, Barra do Guacuí, Buritizeiro and Três Marias competed into wood boats of a just one paddle. The event of presentation was *voga*, an aluminum boat with two paddles, and for the next championship it has been defined that *voga* will be a new competition event, besides of wood boat with two oarsmen.

The two decisive sets happened on November 1st, between 8am and 10am in *Praia do Povo*. The winner was Hermes do Nascimento of Fishermen Colony of Pirapora that surprised the public due to his age: 57 years-old. He disputed the finals with Geraldo Antônio da Silva, of Barra do Guacuí, who represented the Fishermen Colony of Buritizeiro.

According to president of Craft Fishermen Federal of Minas Gerais Valtin Quintino da Rocha, the tournament will promote the fishing culture and will preserve the regional traditions. “The race will be integrated to the events' calendar of the region as a sports and tourist attraction”, he celebrates. Sebastião Carneiro of Fishermen Colony of Três Marias, who competed with his son, believes that the initiative was marvelous. “It's the happiest day of my life”, he said.

(FOTO no pé da página)

COMMUNITY

(FOTO no topo da página)

The level of Jequitinhonha River raised from one to two meters above the verified in the beginning of the operation (O nível do Rio Jequitinhonha...)

Joint action mobilizes communities during operation at Irapé Power Station (Ação conjunta...)

Cemig concluded, on October 11th, a demonstrative operation on which the smallest and the biggest capacities of generation of Hydroelectric Power Station of Irapé in Vale do Jequitinhonha were performed. The activity was held with previous knowledge and mobilization of the population who lives alongside Jequitinhonha River, downstream from the power station, and had also the participation of the coordinations of municipal and state civil defense.

The operation showed to the communities of a sector of more than a hundred kilometers, within the power station and Itira in the county of Araçuaí, the effects on the water level of the generation of Irapé. At the beginning, the riverside residents could verify the outflow at full generation of the three generating units and, later on, the outflow equivalent to the minimum potency generation.

The 22 communities involved belong to the counties of Berilo, Grão-Mongol, Virgem da Lapa, Coronel Murta and Araçuaí. Engineer André Cavallari of Energetic Planning Management – PO/EP, explained that riverside residents had received guidance for this situation for the last three months. “In August and September, at Cemig’s invitation, almost 400 residents visited Irapé’s facilities. At that time they received information regarding the power station operation

(FOTO no canto esquerdo do pé da página)

Technicians of Cemig and Civil Defense followed the test alongside the river

(FOTO lado esquerdo do topo da página)

(FOTO lado direito do topo da página)

Residents received instructions to follow the rise of the river's level (*detail*) (Moradores receberam instruções....)

(Continuação do artigo da página anterior)

and they were previously warned and made aware of how the operation would be carried out”.

Step-by-step of the operation

According to the procedure performed on this situation, the generation rising process was done step-by-step and on a slow pace. The same happened to the flow reduction that was also done slowly and gradually. The river level, at several spots of the downstream sector, was between one and two meters above the flow practiced in the beginning of the operation.

The test last a week. The increment of the generation began on Monday, October 6th. The maximum level was perceived at locals such as Ponte do Colatino, in Virgem da Lapa, around 7pm of the following day. In Coronel Murta, this condition was verified around 11pm of the same day and in Itira, on the end of the evaluated sector, at the dawn of Wednesday. After eight hours of maximum generation, the lowering of the potency began reaching at the most reduced water level on the same spots on Wednesday morning, maintaining it until Friday and returning to the previous levels throughout the weekend.

Of a volume of about 100 cubic meters per second, the flow in the river was raised to 300 cubic meters with generation equivalent to the full load of Irapé's three machines. After that, the flow was lowered to about 500 cubic meters per second.

On the environmental point of view, the involved teams focused their attention on the flow of minimum potency, evaluating mainly the risks of fish imprisonment. According to environment analyst Newton Schmidt Prado, “the work allowed us to verify the vulnerability situations and it will contribute a lot for the improvement of the operational rules of the power station”.

Communication and safety (Comunicação e segurança)

The Civil Defense kept a command center in Virgem da Lapa, from where it followed and coordinated the actions related to the population safety, mainly during the increase of the flow. The Municipal Co-ordinations of Civil Defense – Comdecs were activated and their members held consecutive visits to the communities aiming at following and report eventual abnormalities.

Executive secretary of the State Civil Defense Coordination – CEDEC lieutenant colonel PM Alexandre Lucas Alves, emphasized the importance of the joint work of the involved bodies. “The works of prevention, preparation, rescue and re-construction of such enterprise cannot be done on an isolated manner. The joint performance enabled the success of the event”, he said.

The care dedicated to the operation is justified, as the river is a source of income, on an undergoing natural process of adaptation to the changes of the riverbed water volume, mainly the effects of the highest level necessary to the generation. As prevention, CEDEC, in partnership with Cemig, distributed folders and poster at businesses of the involved counties, giving guidance on how the flow test would be done.

Besides of Cedec's executive secretary, the event had the presence of the chief of Emergency Control Center – ECC, major PM Edgard Estevo da Silva, and representatives of the Fire Brigade and of Comdecs of Berilo, Virgem da Lapa, Grão-Mongol, Coronel Murta and Araçuaí.

On the week before of the operation, it was held a vast advertising campaign that included visits to the communities by technicians of Cemig and Comdecs, explanations' meetings, distribution of leaflets, posters and announcements at the local radio stations. Nuno Rodrigues Caldeira, a resident of Alagadiço region in Coronel Murta, considered these meetings and warnings very important. “I took part on last week's meeting, held at the church, and I prepare myself to avoid losses. I didn't have any problems with the water”, he informed.

On major PM Edgard Estevo's evaluation, the operation was well planned what contributed to its decisive success. Estevo emphasized, however, that the climax of the operation was the relationship and communication with the residents: “The advertising was well done and it was essential for the success of the operation”.

Cemig used a helicopter and three boats that went through daily the several sectors of Jequitinhonha River with environmental technicians of the Company and a member of Civil Defense, besides of field teams that gave support to the activities. On the top of that, there were teams of the Fire Brigade that were alert at strategic spots although they did not have to answer any emergency call.

(FOTO no canto direito do topo da página)

Forum celebrates in BH 10 years of free market (Fórum comemora, em BH,...)

The electricity free market in Brazil, that celebrates ten years of existence, was theme of debates and presentations at New Cycle of the Electricity Free Market Forum held on October 16th in Belo Horizonte. The event, promoted by Brazilian Energy Traders Association – ABRACEEL and *Canal Energia* group, was planned to be held in Rio de Janeiro, but, thanks to the invitation and sponsorship of Cemig, it could be held in Minas Gerais' capital city. It received 160 participants of the entire Country and South America, including representatives of electricity sector companies and of institutions connected to the federal govern such as Brazilian Electricity Regulatory Agency – Aneel and Energetic Researches Company – EPE.

Commercial director – CDD, Bernardo Alvarenga, took part on the forum's opening panel, debating about the *Free Market Sustainability and its Commercial Safety – New Tendencies*. The event had also the participation of Edvaldo Alves de Santana, Aneel's director.

Director Bernardo Alvarenga believes that in spite of being only ten years old, “the free market has conditions to offer the support to the expansion of the Brazilian electricity system”. According him, a demonstration of it are “the contracts of long-term with clients of top line that represent an increment of offer at new expansions such a Santo Antônio Power Station, which participation of Cemig was reproduced on these contracts”.

Free Market

On August 1998 it was signed Aneel resolution 265 that established the rules for electricity trade. Since then, the free market has grown continuously, mainly from 2005 with the regulation of Law Decree 10.848 that set the new model of the electricity sector. Nowadays, the free market is already responsible for 30% of the entire Brazilian market of electricity and it has an expressive presence of Cemig as the biggest trader of the Country, as much as in number of customers as in commercialized volume.

(FOTO canto esquerdo do pé da página)

(FOTO lado direito do topo da página)

Luiz Barouche (on the microphone) and Helmut Riegg (holding the trophy) received the award on behalf of TC/MI

TC/II achieves awards at national seminar (TC/MI conquista prêmios em seminário nacional)

Cemig had an expressive presence at the 9th Telecommunications National Seminar – TNS, giving two lectures and achieving first prize on APEX Award, which aim is recognize companies of the electricity sector that use their telecommunications and IT systems on a productive and innovating way to improve the services to their customers and to make their services more efficient. The event was promoted by *Associação de Empresas Proprietárias de Infra-Estrutura de Telecomunicações – Aptel*, - a trade association in Brazil representing electric utilities and other critical infrastructure organization that own and operate their own private information communications systems - in Rio de Janeiro, September 17th to 19th.

This seminar is directed to companies that employ intensively telecommunications in the management and automation of their productive and corporative processes aiming at, mainly, being a forum of debates and source of information about the use of telecommunications technologies and services in the qualification of the companies' private systems.

Cemig won the first place with the project *Automation of re-connectors via GPRS, embedded modules*, of authorship of engineer Helmut Alexandre Riegg of Telecommunications Infra-Structure Maintenance Management – TC/IM, with the contribution of trainee Marco Túlio Möller de Freitas.

The award had the participation of TC/IM's manager, Luiz Antônio Carneiro Barouch that represented Cemig's team and who received the trophy of first place of Aptel's board of directors.

Cemig was represented also by telecommunications maintenance and computing technicians Maurício Antônio Fagundes and Ricardo Caly Junqueira that gave the speech *Theft and vandalism of telecommunications power stations*.

Cemig installs new generation of conductors for the lines (Cemig instala nova geração...)

Cemig concluded last July the installation of a new generation special conductor gap type to be used on aerial lines. The technological innovation of this kind of conductor allows independent movements between the steel core and the aluminum layers through an addition of non-metallic material – silicon. This new constructive way of the conductor gap type allows to reduce considerably the sags or, inversely, to increase the distance of the conductor to the soil in relation to the traditional conductors. The installation services were performed by Center Distribution Regional Superintendence – CD on a re-conduction of two kilometer of extension of an aerial line with tension of 138kV of the Metropolitan Region of Belo Horizonte – MRBH.

The investment of this project is of about R\$800 thousand. The cost of the installation work was bore by Cemig and the other costs of acquisition, tests and validation for the commercial use of this new conductor are part of the Research and Development Program of Brazilian Electricity Regulatory Agency – Aneel / Cemig through *P&D 101- Re-power of transmission aerial lines using especial conductor cables associated with the very high operation temperature*, that counted on the partnership of Federal University of Minas Gerais – UFMG, JPower Systems Corp., of Japan, and of Forjasul Eletrik S.A., a company from Rio Grande do Sul that supplied the accessories for the installation.

Cemig has been applying with success the non-conventional conductors on its electricity network through strategic actions of the Distribution Expansion Coordination Superintendence – DX; Operation Engineering Coordination and Management, Maintenance, Field Services and Distribution Environmental Management Superintendence – OM; Distribution Engineering Superintendence – EG and Center Distribution Regional Superintendence – CD.

This year the installation of the conductor gap type was performed by teams of project, construction and maintenance of lines of the Distribution and Commercialization Board of Directors – DCD that developed procedures of project and of special construction that resulted on a new methodology for the installation of conductors of these types at the Company.

(FOTO lado direito no meio da página)

COUNTRYSIDE

(FOTO no lado esquerdo no topo da página)

PCH starts filling up of reservoir (PCH inicia enchimento de reservatório)

The first power station built through Minas Program PCH, the *Pequena Central Hidrelétrica – PCH Cachoeirão* (Small Hydroelectric Power Station) (*photo*), began on October 15th the filling up of its reservoir located in the counties of Pocrane and Alvarenga in the East of Minas. At 10am, the deflection floodgate and the bottom discharge of PCH were closed and the lake started to be formed in Manhuaçu River.

On the week prior to the filling up, the Council of Environmental Policy – COPAM of the East of Minas granted the Operation License to Cachoeirão Hydroelectric Power Station S.A., special purpose company – SPC formed by Cemig (with 49% of participation) and *Santa Maria Energética*. PCH, which construction is budget for R\$104 million, will have a capacity of 27MW of potency. Several professionals of the environmental field, including biologists and vets, were mobilized in order to follow the reservoir filling up and to carry on, when necessary, the rescue of imprisoned or stuck animals.

Environmental Plan

Work's manager and Cemig's engineer Marco Aurélio Dumont Porto, highlights that according to regulation of Brazilian Electricity Regulatory Agency – Aneel, to be fit on the concept of PCH the reservoir has to have a flooded area of less than 3km². In the case of Cachoeirão, this area corresponds to 114 thousand square meters and there was no need to resettle the residents to carry out its filling up.

Even so, an Environmental Control Plan composed by several socio-environmental programs, similar to those performed at big power stations, was carried out. It was also signed with the City Halls of Pocrane and Alvarenga an Agreement Term composed of several works of social nature, benefiting mainly the residents of Barra Mansa and Cachoeirão districts.

Among the improvements performed by SPC in both districts, there are: construction of health center, footbridge and sport center; the refurbishment of the facilities of Military Police and Digital Inclusion Project at Barra Mansa and Cachoeirão schools – including the installation of computing laboratories and access to the Internet. Besides of that, they have built a sewage treatment plant in the district of Cachoeirão and donated septic tanks for the houses and school of Barra Mansa.

On the top of that, a Master Plan for the correct use of Cachoeirão's reservoir was elaborated and will be installed. It is important to emphasize that 1.5 thousand direct employments were generated during the peak phase of the work.

Program donates equipment to Blessed Virgin Mary of Mercy Hospital (Program doa equipamento...)

Cemig, through Energetic Efficiency Program, carried out in September the donation of two autoclaves to Blessed Virgin Mary of Mercy Hospital, in São João Del Rei, in Campo das Vertentes Region. The delivery of the equipment had the presence of State sub-secretary of Regional and Urban Development, Rômulo Viegas, of Higino Zacarias da Silva, Finances Board of Directors' assistant, Investor Relations and Participations Control – DFN and of Father Geraldo Magela, the Hospital's Deliberative Body president.

The institution was created by Antônio de Paula Afonso, in recognition for the favors accomplished through Blessed Virgin Mary of Mercy. In November 1936 was launched the foundation stone and in August 1948 began the activities of the hospital that was concluded and opened two years later.

The hospital has gone through a modernization process and, nowadays, is a reference in the region and now, Cemig is also part of the institution's history through the donation of the two autoclaves on the value of R\$220. The equipment will provide a much greater efficiency in the process of sterilization of the clinic and surgical equipment of the hospital. The resources come from Energetic Efficiency Program of Cemig/Aneel, responsible for the actions of the Company on the fight against electricity waste. The installation project of the autoclaves began June this year without any cost for the institution.

(FOTO no topo da página)

(FOTO no canto direito do meio da página)

CE receives enrolment for the 18th Talent Contest (CE recebe inscrições...)

The enrolment for the 18th Talent Contest ended on December 9th. The interested parts forwarded, by registered letter, the enrolment form filled out and the proposals, including the items guided by the regulation, to the Entrepreneurial Communication Superintendence – EC.

The received works will be judged in December this year by Trustee Council formed by representatives of the fine arts sector connected to the art universities and schools of the State and Country and, according to Cemig's criteria, have the possibility to count also on the participation of art critics and specialized journalists.

The 18th Talent Contest will select artist of the entire Country exhibit works of painting, drawing, sculpture, model making, video, ceramics, tapestry, photography and installations at Cemig's Art Gallery, located at its headquarters in Belo Horizonte.

According to coordinator Paulo Tobias, Cemig's Art Gallery has the objective of promoting and propagating the manifestations of plastic and visual arts. Besides of that, it aims at stimulating the creativity and to offer to new artists, students and public, elements to get to know and to participate on the learned and popular artistic production of Minas Gerais, Brazil and abroad, in order to contribute to the cultural qualification of the citizens.

The publication of the selected works for the exhibitions' calendar of 2009 will be done in January next year via Internet and through mail to the competitors.

Benefits (Benefícios)

With the donation of the autoclaves, the hospital gains safety on its sterilization process, reducing the risk of infections. It gains also time on the reduction of the sterilization process that goes from 2 hours to 30 minutes. Besides of that, it will save approximately R\$25 thousand per year on its electricity bill, thanks to the consumption reduction of about 103MWh/year. Cemig also profits with the improvement of the performance of the electric system due to the withdrawal of a load correspondent of 18kW at peak time.

(FOTO no canto direito do pé da página)

Peixe Vivo will have R\$8 million for fish research (Peixe Vivo terá R\$8 milhões...)

Companhia Energética de Minas Gerais – Cemig, signed on November 6th an agreement with the Federal University of Lavras – UFLA, for fish research. Up to the end of the month, three other agreements will be signed with universities of Minas budgeted for R\$8 million. The studies will be carried out within the scope of *Peixe Vivo* Program, created for the preservation of the ichthyofauna in hydrographic basins where Cemig has power stations.

The contracting of UFLA enables the study of the variation in the concentration of fishes throughout the year in sectors of rivers of Minas, after four power stations' dams of Cemig. The amount of this contract is R\$8 million for the execution of the services in a period of four years.

During the signature solemnity of the agreement (*photo*), there were present Cemig's president Djalma Bastos de Moraes, director of Transmission and Generation Luiz Henrique Carvalho, UFLA's dean Antônio Nazareno Mendes and the director of Scientific and Cultural Development Foundation – Fundecc, Iara Alvarenga Pereira.

The research will be done with the use of the most modern techniques for fish marking and monitoring, besides of the evaluation procedures of hydrologic flow. The aim is to increase the knowledge about the behavior of fish species, mainly migratory ones, downstream from the hydroelectric power stations promoting the creation of more efficient handling and conservation strategies.

According to UFLA's dean, the partnership of 25 years between the university and Cemig has already resulted on studies in ciliary reforestation, rational use of electricity, animal breeding and psiculture fields. "We are contributing to a historical fact on which will be benefited not only the native ichthyofauna, but graduation and post-graduation students, the institution and community. Through the improvement of equipment and laboratories we also open the possibility of fundraising for new researches", he celebrates.

Director Luiz Henrique Carvalho believes that there are several socio-environmental issues involving the process of electricity generation and, as Cemig does not have all the information related to the aquatic fauna, it is necessary to work together with the universities. "We are acting on a pro-active manner and we also know that Brazilian Electricity Regulatory Agency – Aneel is not aware of the problem. We have to have the proper care in the operation of our assets", he evaluates.

(FOTO no pé da página)

CEMIGNEWS

Av. Barbacena 1.200 | 19th floor
(31) 3506.2052
Fax (31) 3506.2039 / 3506.2023
CAIXA POSTAL: 992 | CEP: 30123-970
Belo Horizonte | MG

Classification: Public