



Empowering Our Communities Promoting Sustainable Growth

SEIL Energy India Limited

CSR Report 2022 - 23



Committed to create a positive impact on our Communities!

As a responsible organisation, we care for our communities and empower them in an all-encompassing manner. With the key focus areas of education, healthcare, skill - entrepreneurship development and decarbonisation, we support our communities and help create an ecosystem for a sustainable future. While lighting up more than 2 million households every day in the sub-continent, our effective CSR initiatives are intended to make a positive impact on our communities benefitting thousands in and around our areas of operation.

CSR Initiatives

Empowering Communities for a Sustainable Future

We are committed to care for our communities and operate sustainably as a responsible independent power producer at our supercritical power plants. We are constantly challenging ourselves to be at the forefront of providing reliable and sustainable power to meet the country's energy needs. Some of our key focus areas include resilience, innovation, and sustainability.

By aligning our activities with the MCA Rules and United Nations Sustainable Development Goals (UN

SDGs), SEIL's CSR initiatives are gradually making a long-term positive difference. We believe that our employees drive us to play a role in creating a more sustainable future.

Our CSR initiatives are intended and implemented to have a positive impact on the communities. We are working on a variety of community development projects, to help people and contribute to their long-term progress whilst protecting the environment.

SDG Goals

| | |
|---|---|
| <p>3 GOOD HEALTH AND WELL-BEING</p> | <p>4 QUALITY EDUCATION</p> |
| <p>5 GENDER EQUALITY</p> | <p>6 CLEAN WATER AND SANITATION</p> |
| <p>7 AFFORDABLE AND CLEAN ENERGY</p> | <p>8 DECENT WORK AND ECONOMIC GROWTH</p> |
| <p>15 LIFE ON LAND</p> | |



Healthcare

We ensure healthy lives and promote wellbeing for all age-cohorts.

Telemedicine Center

Telemedicine Center has been established to provide services like medical consultation, laboratory services and medicines to the community at no cost. The centre is also equipped with tele-consultation service, connecting with specialist Doctors from Chennai, Bangalore, Hyderabad, etc.

Vision Screening

To enhance vision, eye screening camps were organised in surrounding communities and schools. After diagnosis, needy people were provided with

spectacles and complicated cases were referred to specialist hospitals for further treatment. To help meet this challenge, SEIL has partnered with a reputed eye institute for eye screening in schools and community.



Eye Screening - 9500 Beneficiaries

Spectacles Distributed - 2800 Beneficiaries



Healthcare (contd)

Mobile Medical Unit (MMU) Services

Our MMU provides services towards primary healthcare to all community members. We facilitate access by identifying medical needs and setting up camps accordingly in the villages. Free consultation and medicines are provided to the needy people.

Emergency Ambulance Services

As part of community health services in times of emergency, ambulance services were provided to shift the patients from surrounding communities to the nearest hospitals. In FY 2022-23, ambulance services were provided in 108 health emergency cases related to Labour pains, Snake bites, Burns, Road accidents and other medical emergencies.

| | | |
|-------------|---|-----------------------------|
| 53 | - | Dental Camps organised |
| 2676 | - | Cases Screened |
| 3 | - | Critical Patients referred |
| 22 | - | Gynaecology Camps organised |
| 1383 | - | Women benefitted |



Healthcare (contd)

Audiometry

The Audiometry screening covered the people in the villages of TP Gudur and Muthukuru Mandals. The project focussed on the leading reasons for hearing impairment and provided hearing aids to needy people.

5176 people were screened for hearing and

395 persons were identified with sensorineural hearing loss. Perforation in ears were also observed due to multiple reasons like the use of match sticks, earbuds, during child birth process to mothers. Grit in ear was also observed due to swimming in dirty water which resulted in hearing loss.

260 hearing aids were provided



Drinking Water and Sanitation

9 RO Water Plants
Renovated & Upgraded
3000
Families covered



Education

We ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.

Preventing School Dropouts

We provided conveyance to the government school students in our communities to prevent dropouts focussing on the importance of girl child education. We also assisted students giving board examinations from the surrounding communities.

- **240** school children were provided conveyance
- **1926** students of **36 High Schools** were provided with evening snacks, for 10th class exam preparation for 46 days, which helped the students in getting better scores.

Encouraging Competitive Spirit Among Students

We have organised essay writing, drawing and elocution competitions to engage students on topics related to Environmental Sustainability in 6 Schools. The students also participated in beach cleaning activity as part of environment awareness.



Career Counselling

Students of 7 Government Schools were provided training in career counselling sessions, soft skills, preparation for entrance exams, and resume building.

495 Students Trained
7 Government Schools covered

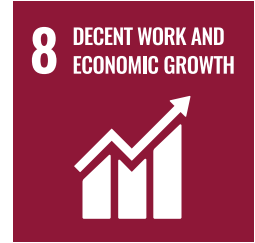
School Infrastructure

We initiated and completed toilet renovation & repair work for Government Schools in surrounding villages.

7 Government Schools covered



Skill And Entrepreneurship Development



SEIL has organised various skill and entrepreneurship development programmes for women and youth, to empower them and transform them into potential entrepreneurs. Over the years, SEIL Entrepreneurship Development Centre has imparted training in Tailoring, Muggam work and Beautician courses. These have enabled community members, particularly women, to be self-sufficient and contribute to the area's overall development.

Training for Women

We provided training to women for income generation in tailoring, advanced tailoring, muggam and bag making.

217 Women Trained & Benefitted

Skill Training for Youth

88 youths were trained for employability and self enterprise developments in trades such as fly ash bricks and data entry operator.



Clean Energy

To promote solar energy usage in the communities as part of environmental sustainability. One KW Rooftop Solar panels were installed at 18 Anganwadi centres to provide affordable electricity, thus reinforcing the concept of adopting clean energy. Solar energy also helped the Anganwadi centres to save on the electricity cost, which benefitted 450 children and 120 women attending the centre.



- **1KW Rooftop Solar Power Project**
- **18 Anganwadi Centers covered**

Environment Sustainability

Project – ‘Harit’

Plantation of avenue saplings under Project Harit was undertaken at AP Residential Schools, Government High Schools, Government Degree Colleges and other Government lands. The locations were picked based on the availability of boundary walls, provision for water and willingness of the respective managements to care for and nurture the plants. The Soil preparation actions like removal of bushes, soil levelling and making of pits, adding of cocopeat & fertilisers was done before plantation of saplings at all the locations. Hydration of the plants was ensured

through the drip lines.

16,635
Saplings Planted

40 Acres

of land covered in and
around 8 locations

Diverse Saplings planted Like

Ashoka tree, Banyan, Peepal, Arjun, Devil Tree, Bel, Bamboo, Kari Patta, Neem, Jam, etc.



SDG 7: Sustainability & Climate Actions

Major projects undertaken under CSR for decarbonisation by SEIL Energy India Ltd

Project implemented for decarbonisation: -

| S. No | Solar Activity | Details |
|-------|-----------------------------------|--|
| 1 | On grid solar power | 250 Kw of On-grid Solar power installed which is expected to save power bills of Rs. 25 lakhs every year on the whole. |
| 2 | Solar Water Heaters | Each Solar water heater has capacity of generating 500 lts of hot water. Total 15 number were installed |
| 3 | Solar Panels at Anganwadi Centers | Installed 18 number of Roof top solar off grid system which shall be 1 KWp/Anganwadi Center considering 8 hrs usage |
| 4 | Village Solar Street lights | 70 numbers of 30 W Solar Street lights installed in the village |
| 5 | IIT Madras | Development of Chemogel for CO2 capture |

Benefits of the project:

| Location | Solar water heater (SWH) | Roof top Solar Capacity (kWp) | Street Light (kWp) | Power Savings Per Annum (kWh) | Savings per Annum (INR Lacs) | CO2 Reduction per Annum (Tons) |
|-------------|--------------------------|-------------------------------|--------------------|-------------------------------|------------------------------|--------------------------------|
| IRCS | 2000 LPD | 150 | NA | 222575 | 16.69 | 145.34 |
| VSU | 5500LPD | 100 | NA | 190000 | 14.25 | 124.07 |
| Anganwadi | NA | 18 | NA | 24309 | 1.82 | 15.87 |
| Streetlight | NA | NA | 2100 | 18396 | 1.38 | 12.01 |

LPD : litre per day

*CO2 reduction @ 0.653T CO2/ MWh generation

Other benefits of the projects

Rooftop Solar System at Indian Red Cross Society (IRCS) Cancer Hospital:

IRCS Cancer hospital is a charitable organisation which treats cancer patients at a nominal charge and provides comprehensive cancer treatment. Every penny saved in the power bill will support in extending their services to a greater number of patients.

Rooftop Solar System at Vikrama Simhapuri University (VSU):

The solar projects implemented at VSU also contributed in it getting 'A' grade from National Assessment and Accreditation Council of India (NAAC). This provides recognition for the University at UGC level, better funds for developing infrastructure and better opportunities for the students.



Solar Water Heaters:

The solar water heaters are helping 300 hostelers at VSU with hot water for cooking, washing, and bathing to improve their quality of life in the hostels. It has provided the hot water for cleaning, washing, and bathing and is helping the IRCS hospital in improving the overall hygiene conditions mainly impacting the overall health and wellbeing.

Development of Chemogel:

Provided this initiative delivers positive results, this can be replacement for conventional amine-based solvents and will enhance clean energy generation from fossil fuel fired industries.

SDG 3: GOOD HEALTH

Medical equipments to Government Health Centers and Hospital:

SEIL with request from District Medical and Health Officer (DH&MO), Nellore district provided medical equipments based on the medical needs of the

community and the existing facilities at the health centers. Equipments like Patient Monitor, Foetal Monitor, ECG Machine, Medical refrigerator, Cell Counter, Lab Reagents - Cell Counter, Centrifuge, lab accessories and others were provided to three Public Health Centers and one ESI Hospital.

Medical Equipments to IRCS Cancer Hospital:

For treatment of cancer patients SEIL will be providing Mammogram Machine, Ultrasound Scan machine and Hormonic Scalpel to the Indian Red Cross Cancer Hospital, a charitable institution which provides quality cancer treatment facility at minimum charges.

Village Solar Streetlights (On-going project of 2022-23):

The lights have improved quality of life of 515 fisherman households by improving their mobility and safety near the coast and has allowed them to move through the village.

Endorsements

Baby Talaari Medha

Student of Zilla Parishad Primary School, Dammaipalem

School Children suffering from visual impairment due to ignorance.

I am a student of 10th Class and I felt very happy because of getting a new pair of spectacles at the right time since we were about to write the board examination. For the past two years, I was having blurred vision and never thought of getting my eyesight checked.

In October, 2022, Eye Screening programme was organised at our School. I was diagnosed with sight problems and corrective spectacles were recommended for me. I was aware of problem with my eyes but was reluctant to ask anyone. I realised that there were many girls like me who had eye problems but were reluctant to ask. After 15 days, I was provided with spectacles. I could see the blackboard clearly. In our school, total 20 students had eyesight problems and all were provided spectacles. We are thankful to SEIL for its support.



Neharika

Student of BR Ambedkar Gurukulam Pathasaala

Every student should get his vision checked.



I am Neharika studying in 10th class in B R Ambedkar Gurukulam Pathasaala.

I attended the eye screening program in our school. In this programme, I was diagnosed with eyesight problem. I was provided free spectacles after 15 days. This really transformed my life. I started seeing everything clearly and was able to perform my daily chores and academic assignments well.

Like me, all the girls who got spectacles felt the difference. After I got my spectacles, I used to refer students to check their vision once, to know if their eyesight was normal or not. Many thanks to SEIL for helping us.

Endorsements

Prasanna

Zoology Lecturer and NSS Programme Officer at DKW College for Women, Nellore.

Girl students were supported for pursuing academics productively through vision screening.

I am Ms Prasana, Zoology Lecturer and NSS Programme Officer at DKW College for Women, Nellore.

SEIL facilitated eye screening programme for the students in November and December of 2022. A total of 350 students were screened and 104 students were having refractive error issues. The students with refractive error were provided with free spectacles. 18 students were identified with other eye problems and were referred to specialist hospital for further treatment.

We are thankful to SEIL for conducting such an important and needy programme and helping the students to perform well in their academics.



Gouse Basha

Resident of Mamidipudi Village Panchayat

Provided sight to people with vision difficulties.

Mr. Gouse Basha, cheerfully stated that 69 people benefitted through vision correction and received the best quality spectacles through the community eye screening programme organised in July, 2022 with support of SEIL. The programme also identified 18 senior citizens with and other eye problems. They were referred for further treatment to specialist hospital.

The people are so happy they can see with clarity and perform all their activities with more efficiency. Overall, the entire village is so thankful for creating awareness and treatment of the eyes.







Registered Office

SEIL Energy India Limited

5th Floor, Tower C,
Building No 8, DLF Cybercity,
Gurugram - 122002, Haryana

www.seilenergy.com

Follow us on:

