



NGER and CPM Auditing and Consulting Services

Earth Systems' team of engineering specialists and National Greenhouse and Energy Reporting (NGER) Technical Auditors offers auditing, assurance, technical carbon consulting and services to assist with energy and carbon audits, carbon minimisation strategy development and implementation, and preparation and reporting for NGER and the Carbon Pricing Mechanism (CPM).

The National Greenhouse and Energy Reporting (NGER) Act 2007 is a national framework under which Australian corporations must quantitatively report greenhouse gas (GHG) emissions, energy consumption and energy production. The NGER is administered by the Clean Energy Regulator and significant penalties apply for noncompliance with the Act's reporting requirements. The legislative framework and its various instruments provide a comprehensive tool for capturing direct and indirect GHG emissions and energy across the Australian economy, sector by sector.

Earth Systems has a team of energy and carbon specialists including registered Technical Auditors with the expertise necessary to assist organizations to comply with the NGER Act.

SERVICES PROVIDED

Earth Systems can assist with statutory reporting requirements under the NGER through:

- NGER reporting and CPM liability assessment and compensation consulting services.
- CPM and NGER audit services for limited and reasonable assurance level audits. Lead technical auditor services.
- Evaluating your organisation's corporate structure to determine reporting boundaries, and examining contractor operations within facilities for operational entity reporting requirements.
- Providing specialist advice on what energy and greenhouse activity data needs to be collected and how to collect it.
- Providing an independent assessment of your activity data to ensure regulatory compliance.
- Specifying, installing and monitoring measurement devices in cases where direct measurements are required (Method 4 from the NGER Determination).
- Collating activity data in the required format for reporting under the Act and for the online reporting tool OSCAR.
- Through the NGER compliance process, a thorough understanding of company and contractor operations can be developed, which can help to identify further opportunities for emission reductions.



PROJECT EXPERIENCE INCLUDES

- Earth Systems has worked with the private sector, governments and research organisations on carbon and environmental management and compliance issues for over 15 years.
- Assisting Australian mine sites and processing facilities to identify and compile energy and emissions data for their NGER reporting requirements.
- Lead technical auditors for CPM compensation for all facilities in two separate industries. Over 30 audits for compensation assurance provision using the NGER Audit framework.
- Conducting voluntary greenhouse emissions audits to WBCSD GHG Protocol for various industries.
- Preparing and assessing data systems for NGER compliance and reporting in transport, power generation, pulp & paper, gold processing, renewable energy generation, and food & beverage industries.
- Conduct of site energy audits and the preparation of tailored site and/or process-specific energy and carbon management plans.
- Installation and operation of measurement devices including gas analysers, flowmeters and solids sampling equipment for data reporting systems.



earthsystemsglobal.com

AUSTRALIA

enviro@earthsystems.com.au

MELBOURNE
4/290 Salmon Street, Port
Melbourne, VIC 3207
+61 3 9810 7500

PERTH

BRISBANE

EUROPE

enviro@earthsystemseurope.com

BRISTOL
Generator Building,
Counterslip, Bristol BS1 6BX,
United Kingdom
+44 117 373 6153

AFRICA

enviro@earthsystemsafrika.com

DAKAR
3ème étage
Route de
l'aéroport Ngor,
Dakar Senegal
+221 3386 83023

KIGALI
M&M Plaza, 5th
floor 24W3 +JCW,
KG 8 Ave, Kigali,
Rwanda
+250 787 807 499

ASIA

enviro@earthsystemsasia.com

VIENTIANE
Suite 801, Kolao
Tower II, 23 Singha
Road, Ban Nongbone,
Vientiane, Lao PDR
+856 (0)21 454 434

HANOI
5th Floor, No. 85 Nguyen
Du Street, Hai Ba Trung
District, Hanoi, Vietnam
+84 (0)28 3535 8200

COLOMBO

CHINA

enviro@earthsystems.com.cn

SHANGHAI
Room 1105, Jing'an
China Mansion 1701
West Beijing Road
Shanghai, China
+86 216 887 2968