

Type: Policy No: BPP-AEM-PO-008 Revision: 01 Title: Water Management	Banpu Power Public Company Limited Health, Safety, Environment and Community Engagement -	Page 1 / 4
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## Policy

### *Water Management*

Revision	01
Effective Date	2022-07-08
Process Owner	Health, Safety, Environment and Community Engagement

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<u>Revision</u>	<u>Author</u>	<u>Effective Date</u>	<u>Change Description</u>	<u>Ref. Doc no.</u>
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Approval Record		
<u>Approver</u>	<u>Job title</u>	<u>Date</u>
Somruedee Chaimongkol	Chief Executive Officer	2022-07-08
Kirana Limpaphayom	Chief Executive Officer - BANPU Power	2022-07-08
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Issara Niropas	Vice President - Asset Management	2022-07-04

Type: Policy No: BPP-AEM-PO-008 Revision: 01 Title: Water Management	Banpu Power Public Company Limited Health, Safety, Environment and Community Engagement -	Page 2 / 4
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**Introduction:**

Water resource is an essential resource. Limited water, ineffective management and impact of climate change on water resources will result in limited availability and quality which in-turn may lead to inequitable distribution, especially in water scarce areas. Banpu Power (BPP) is aware of the importance of water and the impacts if water is not available. BPP has therefore integrated water management into our environmental management system in order to ensure that water utilization of all operations is managed in accordance with the compliance regulations of all the countries where we operate. BPP supports the SDG6 clean water and sanitation and has set targets to reduce the volume of water consumption across all business units.

**Objective:**

- For this policy BPP intended to;
- Assess and mitigate water risks
  - Minimize impact of water quality and water resources
  - Utilize water effectively through 3R; reduce, reuse and recycle
  - Collaborate with stakeholders to promote water management and accessibility

**Scope:**

This policy shall be integrated and applied to BPP and our subsidiaries where BPP has management control. Moreover, this policy should be promoted to our joint ventures and throughout supply chain.

BPP shall establish measurable indicators and Quality Assurance Review (QAR) system to monitor and review performance to ensure that the policy’s goals and targets will be achieved. HSEC Corporate would conduct QAR with country in every operation once in every two years.

**Definitions:**

n/a

Type: Policy No: BPP-AEM-PO-008 Revision: 01 Title: Water Management	Banpu Power Public Company Limited Health, Safety, Environment and Community Engagement -	Page 3 / 4
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***Policy Statement / Principles:***

We commit to

- 1) Assess and mitigate water related risks throughout business by;
  - Adopting international or widely recognized water tools to assess water risk on annual basis.
  - Identifying, assess and monitor water-related risk and opportunities for all operational and non-operational sites through risk management process.
  - Collaborating with related functions to develop mitigation plan.
  
- 2) Minimize impact of water quality and water resources where we operate by;
  - Improving quality of water discharge by applying practical treatments or technologies to prevent contamination to water resources.
  - Establishing monitoring system for water quality and quantity to ensure compliance of related regulatory and standards.
  - Seeking opportunities to conduct or participate in initiative program relating to water conservation.
  
- 3) Effective utilize water resources though 3R concept; reduce, reuse and recycle water to enhance fairness and effectiveness of water availability to all stakeholders by;
  - Seeking opportunities to reduce, reuse and recycle water by ensuring process efficiency and cost-effective technologies as a part of operational planning.
  - Investing appropriate technologies and/or innovation to improve water performance beyond regulatory compliance.
  - Applying water accounting framework to strengthen database system and to be baseline of water effective utilization and improvement.
  - Reducing water footprint of product.
  
- 4) Collaborate with stakeholders to promote water management and accessibility by;
  - Providing sufficient and safely managed drinking water and sanitation services to all employees and contractors in operational areas.
  - Engaging with stakeholders, especially local communities and academic research for water conservation, quality improvement and management.
  - Supporting local communities to build up capability in water resource utilization and sanitation surrounding operational areas or wherever appropriate.
  - Seeking opportunities to be a part of activities that could either directly or indirectly influence public policy on water resource.

Type: Policy No: BPP-AEM-PO-008 Revision: 01 Title: Water Management	Banpu Power Public Company Limited Health, Safety, Environment and Community Engagement -	Page 4 / 4
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***Responsibility:***

- Management in all levels must hold accountability and take leadership in deploying this policy.
- Management in each country shall develop local related policy which align with this policy.
- Every employee must be made aware of, promotes and implements this policy.
- Every employee is expected to extend the awareness and recognition of this policy to our partner, suppliers, contractors, sub-contractors, customers and the communities where we operate.

***References:***

- Banpu Water Management Policy