

**IAMGOLD RESPONSE TO  
MATTAGAMI FIRST NATION'S INFORMATION REQUESTS**

**MFN-1**

**Preamble** – In order to determine if the new energized line serving the Côté Gold Project will be at maximum capacity or will vary with seasons:

- a) Please provide estimated monthly peak demand and monthly energy consumption.

**Response:**

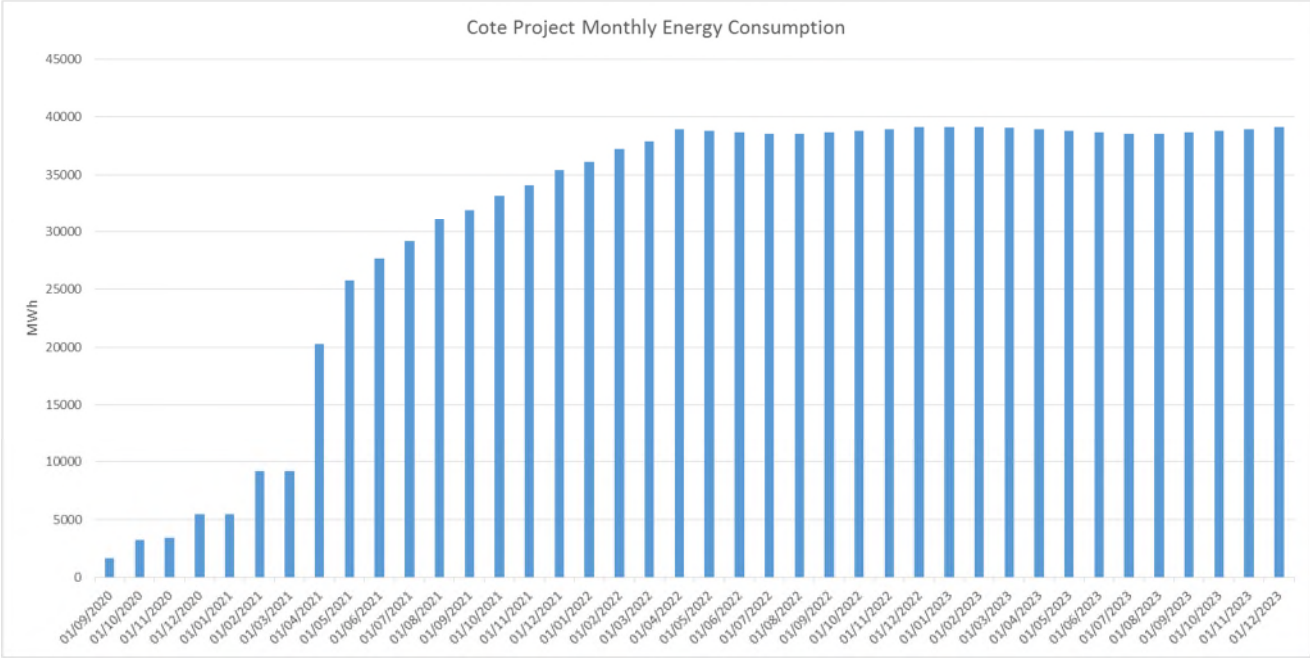
- a) The peak monthly demand for the Mine is estimated to be 72MW. The monthly energy consumption is estimated to be 39,200MWh/month.

**MFN-2**

a) Please provide typical hourly load curves for summer and winter (i.e. hourly consumption expectations during the summer months and winter months).

**Response:**

a) A graph showing the load build-up for the Mine is provided below. The majority of the load (approximately 94%) will be process and mining load. The process and mining loads will remain constant year round as the Mine will be a 24hr/day, 365 days/year operation. The heating for the Project will be propane fuelled, so there will not be much variation in the HVAC load year round.



### MFN-3

**Preamble** – Based on a review of the Customer Impact Assessment (AR #24322), IAMGOLD and Hydro One are proposing to install a manual switch at Shining Tree Junction (“STJ”) between the re-energized T2R circuit and the existing T61S circuit.

**Reference** – IAMGOLD - Revised Customer Impact Assessment filed on September 27, 2018 at p 7, Figure 2 – proposed Configuration with Connection of Cote Lake Mining facility

- a) Was an automated switch at the Shining Tree JCT considered (i.e., a switch that could be remotely operated following an outage event)?
- b) If not, why not?
- c) If an automated switch was considered, why was an automated switch not included? Please provide reasons related to reliability of the T61S & T2R, including commentary on response time to the remote Shining Tree JCT as it relates to Hydro One’s service centres (i.e., where reliability crews would depart from).

**Response:**

- a) An automated switch was considered, but it was decided that a locally operated mid-span opener (MSO) would be sufficient for the requirement.
- b) See a)
- c) The primary reason for the installation of the MSO between the two circuits is to allow for Shining Tree distribution station to be fed from line T2R while line T61S is re-conducted during Hydro One’s proposed upgrade of the transmission line between Timmins substation and Shining Tree distribution station. This is scheduled to take place before the commissioning of the Cote Gold process plant, before there is significant load on the T2R circuit. The operation of this MSO during this process will be planned and coordinated between all affected parties.

Under normal operating conditions, the T61S and T2R circuits are run independently from different busses within the Timmins substation. Neither circuit has or will have sufficient capacity to supply the existing T61S circuit loads and the anticipated Cote Gold load. The use of the MSO at Shining Tree Junction would require planning and coordination between all the customers fed from the two circuits and given the proximity to both Timmins and Sudbury, coordinating a crew to operate the MSO is not considered to be problematic.

Maintenance and operational activities on Hydro One line assets can be performed within the allowable restoration time specified in IESO’s ORTAC (Ontario Resource Transmission Assessment Criteria) Section 7.0

IAMGOLD’s understanding is that Hydro One field and provincial line personnel are situated in the city of Timmins and are equipped with equipment suitable to respond to outage scenarios in a timely manner.

**MFN-4**

- a) Can IAMGOLD provide estimates of pre- and post-project System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) for Shining Tree DS?
- b) Please provide a breakdown of outage cause contribution including loss of supply (i.e., outage caused by transmission system supply interruption).
- c) Does IAMGOLD expect to use T61S as an alternative supply during planned or unplanned outages of T2R? If not, please explain IAMGOLD's outage management plan when T2R must be removed for service for planned or unplanned outages.
- d) Does IAMGOLD expect demand supplied by T61S to be able to use T2R as an alternative supply path during planned or unplanned outages of T61S?

**Response:**

- a) IAMGOLD line will have no impact on the reliability and quality of service in the area as outlined in both the SIA and CIA for the Project.
- b) IAMGOLD line will have no impact on the reliability and quality of service in the area as outlined in both the SIA and CIA for the Project.
- c) IAMGOLD does not expect to use T61S as an alternative supply during planned or unplanned outages of T2R. The Mine substation will be equipped with emergency generators, sized to provide power to the critical site loads, for use during planned or unplanned outages.
- d) IAMGOLD does not currently expect demand supplied by T61S to be able to use T2R as an alternative supply path during outages of T61S. IAMGOLD does not have control over the T61S line and decisions regarding the use of the line will be determined by HONI and the IESO.

## MFN-5

### References

Exhibit B, Tab 2, Schedule 2 indicates that:

“During the environmental assessment process, the current proposal for the 44km of new 115kV line to be constructed by IAMGOLD and the proposed re-conductoring by Hydro One became the preferred alternative.”

Exhibit H, Tab 1, Schedule 1 indicates that:

“During the EA process, IAMGOLD received valuable feedback from government regulators, technical experts, local stakeholders and Indigenous communities regarding the Project. IAMGOLD carefully considered this feedback and over the past year and worked diligently to optimize the design of the Project to further reduce potential effects on the environment and local communities, including removal of the initially proposed 230 kV transmission line from the Project plans.”

a) Please provide copies of the following documents issued for the Côté Gold Project:

- Decision Statement Issued under Section 54 of the *Canadian Environmental Assessment Act, 2012*, SC 2012, c 19, s 52;
- Order in Council 238/2017 – Environmental Assessment Act Section 9 Notice of Approval to Proceed with the Undertaking.

b) In relation to OIC 238/2017, please highlight the description of the Undertaking approved, including the preferred transmission line routing.

### **Response:**

- a) and b) Attached. IAMGOLD is unclear about the relevance of such documents given the nature of the OEB’s jurisdiction in leave to construct applications for electricity projects. As such, provision of the information is not an acceptance of the relevance of such document and IAMGOLD reserves its rights to argue relevance at a later time.

IAMGOLD notes that the original servicing of the Mine involved a 230kv transmission line running cross-country through undisturbed areas from Timmins to the Mine. It was after the initial environmental review process that the current proposal was developed, supported by the findings in the SIA and CIA. The current proposal is less impactful. The period for commenting upon environmental screening report for the 115kV Transmission line has almost ended. IAMGOLD is not aware of any environmental issues that would cause any significant change to the current proposed transmission line.

**MFN-6**

Reference – Exhibit H, Tab1, Schedule 1 indicates that:

“IAMGOLD is in the process of negotiating an Impact Benefit Agreement with Mattagami First Nations and Flying Post First Nations. Discussions have advanced considerably toward defining a framework that would include commitments on training and employment, workplace accommodation, business opportunities, environmental monitoring and management, among other commitments. IAMGOLD does not see any impediment to reaching a final agreement with the communities in due course.”

- a) Please indicate whether IAMGOLD has concluded an Impact and Benefit Agreement with Mattagami First Nation and Flying Post First Nation.

**Response:**

- a) Negotiations with Mattagami First Nation and Flying Post First Nation are well-advanced and continue. IAMGOLD remains confident that an IBA will be finalized shortly.

In addition to the IBA process, will continue to coordinate actively Mattagami First Nation and Flying Post First Nation on a range of matters, including business opportunities, timing and employment opportunities. For example, IAMGOLD has been working with both First Nations during the procurement of certain services. Mattagami First Nation and Flying Post Nation recently requested a second extension of a procurement process which IAMGOLD accommodated.

**MFN-7**

Reference – Exhibit H, Tab1, Schedule 1 indicates that:

“To ensure changes to the Project design are well communicated to Indigenous communities, IAMGOLD will be preparing and engaging these parties on an Environmental Effects Review (EER) as part of the EA process. The EER will describe changes to the potential effects identified in the Amended EIS / Final EA Report, changes to mitigation measures or monitoring requirements, and demonstrate how any revisions to the Project design still ensure the Project complies with Federal and Provincial conditions of approval to the Final EA / Amended EIS.”

- a) Please provide section “7.3.15 Power Supply and Routing” of the Côté Gold Project EIS / Draft Environmental Assessment Report May 2014.
- b) Please provide section “3.0 Alternatives to the Undertaking” of Environmental Study Report (Draft) IAMGOLD Corporation, Côté Gold Division, September 2018.

**Response:**

- a) and b) Attached. IAMGOLD is unclear about the relevance of such documents given the nature of the OEB’s jurisdiction in leave to construct applications for electricity projects. As such, provision of the information is not an acceptance of the relevance of such document and IAMGOLD reserves its rights to argue relevance at a later time.

IAMGOLD notes that the original conception of servicing the Mine involved a 230kv line running cross-country through undisturbed areas from Timmins to the Mine. It was after the initial environmental review process that the current proposal was developed, supported by the findings in the SIA, CIA and is found to be less impactful. The period for commenting upon environmental screening report for the Transmission line is has almost ended. IAMGOLD is not aware of any environmental issues that would cause any significant change to the current proposed transmission line.