



**GARIS PANDUAN
TATACARA PELESENAN
PEMBEKALAN ELEKTRIK**

GARIS PANDUAN TATACARA PELESENAN PEMBEKALAN ELEKTRIK

TUJUAN

1. Garis panduan ini bertujuan untuk memaklumkan kepada pemohon mengenai keperluan dan tatacara permohonan lesen awam dan lesen persendirian melebihi 5 MW di Ibu Pejabat Suruhanjaya Tenaga (ST)

KEPERLUAN UNDANG-UNDANG

1. Akta Bekalan Elektrik 1990 (dan pindaan tahun 2001) memperuntukkan keperluan sesuatu aktiviti berkaitan dengan pembekalan elektrik dilesenkan seperti berikut:

Seksyen 9(1): *“Tertakluk kepada apa-apa pengecualian yang ditetapkan, tiada seorang pun, selain daripada pihak berkuasa bekalan, boleh: -*

- (a) *menggunakan, mengerjakan atau mengendalikan atau membenarkan diguna, dikerjakan atau dikendalikan apa-apa pemasangan; atau*
- (b) *membekalkan tenaga daripada mana-mana pemasangan kepada atau bagi kegunaan mana-mana orang lain, kecuali di bawah dan mengikut terma-terma sesuatu lesen yang membenarkan dengan nyata pembekalan atau penggunaan itu, mengikut mana-mana yang berkenaan.”*

Seksyen 9(2): *“Lesen boleh diberikan oleh Suruhanjaya Tenaga dengan kelulusan Menteri apabila dibayar apa-apa fi dan atas apa-apa syarat sebagaimana yang ternyata dikehendaki atau suaimanfaat memandangkan tugas-tugas yang dikenakan dalam peruntukan Akta berkenaan.”*

2. Bagi akta-akta yang disebutkan di atas, pemohon boleh membuat semakan selanjutnya pada buku Akta Bekalan Elektrik 1990 [Akta 447]
3. Peraturan-Peraturan Elektrik 1994 (dan pindaan 2014) pula menetapkan borang diguna dan fi yang perlu dibayar bagi pengeluaran lesen-lesen, seperti berikut:

Peraturan 8: *Suatu lesen bagi pemasangan awam hendaklah dalam borang yang Suruhanjaya Tenaga fikirkan patut dan sesuai bagi pemasangan awam.*

Peraturan 9: *Suatu lesen bagi pemasangan persendirian hendaklah dalam Borang F yang ditetapkan dalam Jadual Pertama.*

Peraturan 10(1): *Fi yang kena dibayar bagi pengeluaran lesen bagi pemasangan awam, selain penjanaan yang disebut dalam subperaturan (2), hendaklah kadar tahunan dan hendaklah pada kadar yang ditetapkan dalam Bahagian III Jadual Kedua.*

Peraturan 10(2): *Fi yang kena dibayar bagi pengeluaran lesen bagi pemasangan awam untuk penjanaan elektrik menggunakan tenaga biojisim, biogas, kuasa hidro, kuasa suria, kuasa haba bumi, kuasa angin, sumber ombak dan air pasang surut dengan kuasa agregat tidak melebihi 10 MW hendaklah dibayar secara tahunan dan hendaklah pada kadar yang ditetapkan dalam Bahagian IIIA Jadual Kedua.*

Peraturan 10(3): *Fi yang kena dibayar bagi pengeluaran lesen bagi pemasangan persendirian hendaklah dibayar **secara penuh mengikut tempoh sah** sesuatu lesen dan hendaklah pada kadar yang ditetapkan dalam Bahagian IA Jadual Kedua.*

Peraturan 10(4) *Semua fi yang kena di bayar di bawah subperaturan (1), (2) dan (3) hendaklah di bayar pada **permulaan tahun** setiap lesen*

Peraturan 10(5) *Apa-apa fi yang telah dibayar sebelum berkuat kuasanya Bahagian IA, III dan IIIA Jadual Kedua tidak boleh dibayar balik.*

4. Bagi peraturan yang disebutkan di atas, pemohon boleh membuat semakan selanjutnya pada buku Peraturan-Peraturan Elektrik 1994

AKTIVITI YANG DILESENKAN DAN JENIS LESEN

1. Berdasarkan perundangan sedia ada, terdapat dua jenis lesen yang diberikan oleh Suruhanjaya Tenaga iaitu lesen bagi pemasangan awam dan lesen bagi pemasangan persendirian, di mana mengikut tafsiran di dalam Akta Bekalan Elektrik 1990:

“pemasangan awam” adalah pemasangan yang dikendalikan oleh pemegang lesen bagi membekalkan elektrik kepada mana-mana orang selain daripada pemegang lesen:

Dengan syarat bahawa pemegang lesen boleh menggunakan elektrik bagi maksud-maksudnya sendiri jika penggunaan itu konsisten dengan terma-terma lesen;

“pemasangan persendirian” adalah pemasangan yang dikendalikan oleh pemegang lesen atau pemunya semata-mata bagi membekalkan tenaga kepada dan penggunaannya di atas harta atau premis kepunyaan pemegang lesen atau pemunya itu sendiri, atau, dalam hal seorang pengguna, yang mengambil elektrik daripada pemasangan awam atau pihak berkuasa bekalan, bagi kegunaan hanya di atas atau premis kepunyaan pemegang lesen atau pemunya sahaja;

2. Jenis aktiviti/pemasangan yang diberikan lesen persendirian adalah seperti berikut:
 - i) mengendali talian atas atau kabel elektrik bawah tanah sendiri yang melintasi jalan/jambatan/sungai/talian telekom/lintasan keretapi yang dimiliki oleh orang lain;

- ii) mengendalikan penjanaan elektrik untuk kegunaan sendiri di tempat yang tidak mempunyai bekalan elektrik daripada pemegang lesen lain;
- iii) mengendali penjanaan elektrik secara sementara untuk kegunaan sendiri di tapak pembinaan, tapak ekspolifunfair, tapak pameran dan sebagainya;
- iv) mengendali penjanaan elektrik untuk kegunaan sendiri dengan mengguna teknologi yang cekap seperti *co-generation* atau penjanaan dengan sumber-sumber tenaga yang boleh diperbaharui (*Renewable Energy – RE*) atau dengan sebab-sebab lain yang tertentu.

3. Manakala lesen awam pula diberikan untuk aktiviti-aktiviti seperti berikut:

- i) membekal elektrik kepada pengguna-pengguna oleh utiliti elektrik seperti TNB dan SESB;
- ii) menjana elektrik bagi tujuan membekal/menjual kepada utiliti seperti Penjana Bebas (IPP) dan Pemegang Sijil Galakan (FIAH) ;
- iii) menjana elektrik dengan kaedah yang cekap seperti *co-generation* untuk kegunaan sendiri dan membekal/menjual tenaga lebih kepada pihak lain dalam kompleks atau kawasan tertentu seperti Gas District Cooling (KLIA) Sdn Bhd di KLIA;
- iv) membekal/menjual tenaga elektrik serta memberi perkhidmatan lain kepada pengguna-pengguna dalam kompleks atau bangunan bertingkat dengan tenaga elektrik dibeli daripada pihak utiliti seperti Malakoff Utilities di kompleks KL Sentral, Kuala Lumpur;

KRITERIA PERTIMBANGAN PERMOHONAN LESEN

1. Dalam menilai sesuatu permohonan lesen, pertimbangan dari segi perundangan untuk pemberian lesen adalah tertakluk kepada permohonan memenuhi keperluan mana-mana satu atau lebih peruntukan-peruntukan dalam Akta Bekalan Elektrik 1990 dan Akta Suruhanjaya Tenaga 2001 seperti berikut :
 - i) menggalakkan persaingan dalam penjanakuasaan dan pembekalan elektrik untuk, antara lainnya, memastikan pembekalan elektrik yang optimum pada harga-harga yang munasabah;
 - ii) menggalakkan dan menggiatkan penjanakuasaan tenaga bagi tujuan kemajuan ekonomi Malaysia;
 - iii) memastikan bahawa segala tuntutan yang munasabah untuk bekalan elektrik dipenuhi;
 - iv) memastikan kepentingan pelanggan dari segi harga yang berpatutan, *'security and reliability of supply'* dan kualiti perkhidmatan;
 - v) memastikan pemegang lesen dapat membiayai perjalanan aktiviti-aktiviti yang dibenarkan sepertimana yang dinyatakan dalam lesen mereka untuk dijalankan; dan
 - vi) menggalakkan penggunaan dan pembekalan tenaga dengan lebih cekap.

2. Pertimbangan dari segi keperluan memenuhi dasar dan matlamat Kerajaan dalam membangunkan industri bekalan elektrik meliputi perkara-perkara berikut:
 - i) mempelbagaikan penggunaan bahan api (*fuel diversification*) dan mengurangkan pergantungan kepada bahan api tertentu untuk

penjanaan elektrik seperti penambahan penjanaan dengan arang batu dan hidro;

- ii) menggunakan tenaga yang boleh dibaharui seperti *biomass* (*palm oil waste*, sekam padi, *saw dust* dll), sisa buangan industri (*industrial waste gas*) atau sisa buangan pepejal (*municipal waste* dan *landfill gas*);
- iii) menggunakan teknologi yang dapat meningkatkan kecekapan dalam penggunaan sumber bahanapi seperti *co-generation* dan *district cooling*;
- iv) menggunakan teknologi dan kaedah yang cekap dalam pengurusan tenaga dan penyediaan perkhidmatan lain yang mempunyai manfaat tambahan (*value added*) kepada pengguna-pengguna seperti projek Petronas CUF dan *Gas District Cooling* (GDC);
- v) memberi perkhidmatan yang lebih cekap, segera, berekonomi dan memuaskan kepada pengguna seperti pengagihan elektrik dalam kompleks *multi-tenant*;
- vi) menggunakan teknologi penjanaan elektrik yang kurang mencemarkan alam sekitar seperti *clean coal technology* dan *fuel cell*;
- vii) menggalakkan perkembangan teknologi-teknologi atau kaedah-kaedah baru seperti projek-projek demonstrasi atau projek-projek R&D.

3. Selain daripada memenuhi keperluan undang-undang dan matlamat Kerajaan, Suruhanjaya juga telah menggariskan beberapa syarat penting yang perlu dipatuhi dalam menentukan keperluan sesebuah aktiviti tersebut untuk dilesenkan. Antara syarat yang perlu dipatuhi, pemohon hendaklah menyertakan dokumen-dokumen berikut:

- i) salinan perakuan pendaftaran syarikat yang ingin dilesenkan. Ini sebagai bukti menunjukkan syarikat tersebut wujud dan telah didaftarkan di bawah Akta Syarikat 1965;
- ii) borang-borang perakuan syarikat seperti borang 24, 49 dan *Form of Annual Return*. Suruhanjaya memerlukan salinan dokumen yang telah disahkan untuk memastikan syarikat yang akan diberi lesen merupakan syarikat yang benar-benar layak. Kelayakan akan dinilai dari segi senarai pemegang saham, peratusan pemegang saham oleh bumiputera, dan nilai modal berbayar syarikat tersebut.
- iii) pelan lokasi dan pelan tapak dalam ukuran saiz A4 atau A3 termasuk kawasan bekalan wajib bagi sistem pengagihan. Pelan ini akan dilampirkan bersama di dalam lesen. Selain itu juga Suruhanjaya memerlukan lukisan tambahan lain seperti lukisan skematik utama voltan tinggi dan rendah;
- iv) *Project Financial Run* (bagi aktiviti Penjanaan) atau *Simple Financial Analysis* (bagi aktiviti Pengagihan) juga merupakan salah satu keperluan penting untuk memastikan sesebuah syarikat yang akan menjalankan aktiviti penjanaan/pengagihan adalah berdaya maju dan mampu bersaing sehingga tempoh yang dilesenkan. Melalui *Project Financial Run*, Suruhanjaya akan menilai *Cash Flow*, *Balance Sheet* dan *Profit & Lost Statement* syarikat yang memohon lesen. Bagi aktiviti Pengagihan, *Simple Financial Analysis* menunjukkan lebih atau kekurangan kos daripada aktiviti pengagihan elektrik yang dijalankan.
- v) Kelulusan untuk mengeluarkan lesen kepada sesebuah syarikat juga bergantung kepada kelulusan daripada kerajaan dan agensi-agensi lain antaranya Kementerian Tenaga, Teknologi Hijau & Air (KeTTHA), Unit Perancang Ekonomi, Pihak Berkuasa Tempatan, Kerajaan Negeri, Jabatan Alam Sekitar, TNB, Institusi Perbankan dan lain-lain.

- vi) Pemohon juga perlu menyediakan ringkasan projek yang menerangkan secara terperinci berhubung aktiviti yang ingin dilesenkan.
- vii) Lain-lain dokumen sokongan seperti yang dinyatakan dalam borang permohonan yang terdapat di oas.st.gov.my

TATACARA PEMROSESAN LESEN

1. Permohonan lesen awam diproses oleh Unit Pelesenan, Jabatan Pembangunan Industri & Kawal Selia Pasaran Elektrik (JPIKSE) di Ibu Pejabat ST dan melibatkan tindakan-tindakan berikut:
 - i) Pemohon mengemukakan permohonan lesen kepada JPIKSE melalui sistem atas talian *On-line Application System (OAS) e-Electricity* iaitu di oas.st.gov.my. Permohonan mestilah dikemukakan selewat-lewatnya 3 bulan sebelum tarikh *Initial Operation Date (IOD)*;
 - ii) Unit Pelesenan ST menyemak dan menilai permohonan bagi memastikan ianya memenuhi kriteria yang ditetapkan;
 - iii) Unit Pelesenan menyediakan kertas ST dan dikemukakan kepada Pengarah Kanan JPIKSE sebelum dibawa ke mesyuarat Jawatankuasa Bersama Pelesenan untuk kelulusan;
 - iv) Kertas ST dibentangkan dalam Mesyuarat Suruhanjaya Tenaga untuk kelulusan bagi permohonan berkapasiti 30 MW dan kebawah. Manakala bagi permohonan berkapasiti melebihi 30 MW, kelulusan dibuat untuk diperakukan kepada Y.B. Menteri;
 - v) Unit Pelesenan menyediakan memorandum kepada Y.B. Menteri untuk kelulusan bagi permohonan berkapasiti melebihi 30 MW;

- vi) setelah permohonan lesen diluluskan oleh Y.B. Menteri, lesen disediakan untuk ditandatangani oleh Ketua Pegawai Eksekutif ST. JPIKSE memungut fi lesen mengikut kadar yang ditetapkan dalam perundangan dan seterusnya memberikan lesen kepada pemohon; dan
 - vii) setelah lesen diberikan, JPIKSE memantau kemajuan pelaksanaan projek dan seterusnya menentukan terma dan syarat-syarat lesen dipatuhi dan mengutip fi lesen tahunan.
2. Semua permohonan lesen persendirian berkapasiti 5 MW dan ke bawah diproses di Pejabat Kawasan ST. Pengarah Kawasan bertanggungjawab untuk menerima dan memproses permohonan lesen persendirian berkapasiti 5 MW dan ke bawah yang dikemukakan oleh pemohon. Pengarah Kawasan telah diberi kuasa untuk melulus dan mengeluarkan lesen tersebut menggunakan Borang F (Peraturan-Peraturan Elektrik pindaan 2013). Pemantauan ke atas pematuhan syarat-syarat lesen adalah juga dibawah tanggungjawab Pengarah Kawasan.
 3. Permohonan lesen persendirian melebihi 5 MW diproses di Ibu Pejabat ST dan aliran pemprosesan permohonan adalah sama seperti aliran pemprosesan permohonan lesen awam seperti di perenggan 1 di atas.
 4. Carta aliran proses permohonan lesen di Ibu Pejabat ST adalah seperti yang ditunjukkan di **Lampiran 1**. Manakala bagi proses permohonan lesen persendirian 5 MW ke bawah yang diproses di pejabat kawasan ST adalah seperti yang ditunjukkan di **Lampiran 2**.
 5. Kedua-dua permohonan lesen persendirian melebihi 5 MW dan lesen awam hendaklah dibuat melalui sistem atas talian *On-line Application System (OAS) e-Electricity* iaitu di oas.st.gov.my. Permohonan mestilah dikemukakan selewat-lewatnya 3 bulan sebelum tarikh *Initial Operation Date (IOD)*.

6. Bagi permohonan lesen persendirian 5 MW dan ke bawah, pemohon boleh mendapatkan borang permohonan di laman web rasmi ST di www.st.gov.my. Semua borang permohonan lesen ada dilampirkan di **Lampiran 3** dan **Lampiran 4**.
7. Contoh lesen persendirian melebihi 5 MW dan lesen awam adalah seperti yang dilampirkan di **Lampiran 5** sehingga **Lampiran 8**.

FI LESEN

1. Seperti yang telah dinyatakan pada klausa 4, fi lesen awam adalah seperti yang telah ditetapkan dalam Peraturan-Peraturan Elektrik (Pindaan) 1994;

Bahagian III (subperaturan 10(1)):

1. *Kadar untuk menentukan fi yang kena dibayar secara tahunan bagi pengeluaran lesen bagi pemasangan awam, selain penjanaan yang disebutkan dalam subperaturan 10(2) adalah seperti berikut:*

- (a) *sebelum pentauliahan mana-mana bahagian pemasangan –
11. sen setiap kilowatt berdasarkan kepada keupayaan pemasangan yang dinyatakan dalam lesen;*
- (b) *selepas keseluruhan pemasangan atau mana-mana bahagiannya telah disiapkan, ditauliahkan dan sedia untuk membekalkan elektrik kepada mana-mana orang –*

Keupayaan Pemasangan	Jenis Aktiviti		
	Penjanaan	Penghantaran	Pengagihan
Jika kuasa agregat ialah 5 kW dan lebih	RM1.65/kW	RM0.33/kW	RM0.44/kW

2. Bagi projek yang menggunakan tenaga biojisim, biogas, kuasa hidro, kuasa suria, kuasa haba bumi, kuasa angin, sumber ombak dan air pasang surut dengan agregat kuasa tidak melebihi 5 MW, fi yang dikenakan juga disebutkan dalam Peraturan-Peraturan Elektrik 1994;

Bahagian IIIA (Sub-Peraturan 10(2):

1. *Kadar untuk menentukan fi yang kena dibayar secara tahunan bagi pengeluaran lesen bagi pemasangan awam bagi penjanaan elektrik menggunakan tenaga biojisim, biogas, kuasa hidro, kuasa suria, kuasa haba bumi, kuasa angin, sumber ombak dan air pasang surut dengan agregat tidak melebihi 5 MW adalah seperti berikut:*

- (a) *sebelum pentauliahan mana-mana bahagian pemasangan –
1.1 sen setiap kilowatt berdasarkan kepada keupayaan pemasangan sebagaimana yang dinyatakan di dalam lesen; dan*
- (b) *selepas keseluruhan pemasangan atau mana-mana bahagiannya telah disiapkan, ditauliahkan dan sedia untuk membekalkan elektrik kepada mana-mana orang atau utiliti-
RM 1.65 setiap kW apabila agregat kuasa keupayaani pemasangan melebihi 5kW.*

4. *Fi minimum yang kena dibayar di bawah Bahagian ini ialah RM100.00 dan fi maksimum ialah RM 2,200.00.*

3. Bagi setiap permohonan lesen awam, fi pemprosesan dikenakan sebanyak RM100. Begitu juga sekiranya permohonan untuk meminda syarat lesen atau menggantikan lesen, turut dikenakan fi sebanyak RM100.

4. Bagi lesen persendirian, kadar fi adalah seperti berikut;

Bahagian 1A (Sub-Peraturan 10(3): *Jadual fi bagi pengeluaran lesen persendirian adalah seperti berikut:*

	Keupayaan Pemasangan	Fi bagi setahun
(a)	Bagi setiap pemasangan 10 kW atau kurang	RM30
(b)	Bagi setiap pemasangan melebihi 10kW hingga 50kW	RM165
(c)	Bagi setiap pemasangan melebihi 50kW hingga 100kW	RM550
(d)	Bagi setiap pemasangan melebihi 100kW hingga 300kW	RM1,100
(e)	Bagi setiap pemasangan melebihi 300kW hingga 600kW	RM1,165
(f)	Bagi setiap pemasangan melebihi 600kW hingga 5,000 kW	RM2,200
(g)	Bagi setiap pemasangan melebihi 5,000 kW	RM3,000

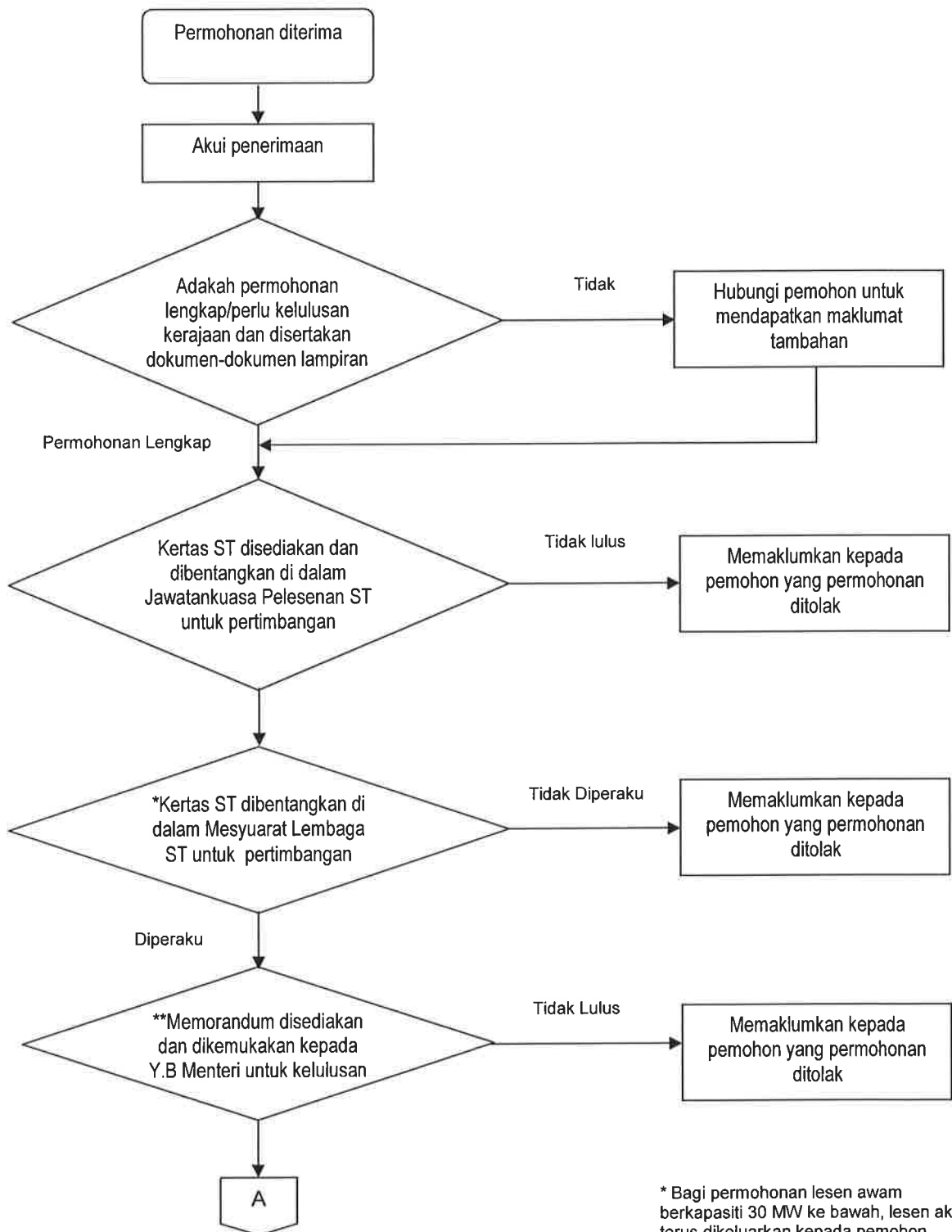
SENARAI LAMPIRAN

Berikut adalah senarai lampiran yang berkaitan;

Lampiran 1	Carta aliran proses permohonan lesen persendirian melebihi 5 MW dan lesen awam
Lampiran 2	Carta aliran proses permohonan lesen persendirian 5 MW dan ke bawah
Lampiran 3	Borang permohonan lesen persendirian melebihi 5 MW dan lesen awam
Lampiran 4	Borang permohonan lesen persendirian 5 MW dan ke bawah
Lampiran 5	Contoh Lesen Awam (Utiliti/IPP)
Lampiran 6	Contoh Lesen Awam (RE)
Lampiran 7	Contoh Lesen Awam (Pengagihan)
Lampiran 8	Contoh Lesen Persendirian
Lampiran 9	Soalan-Soalan Lazim

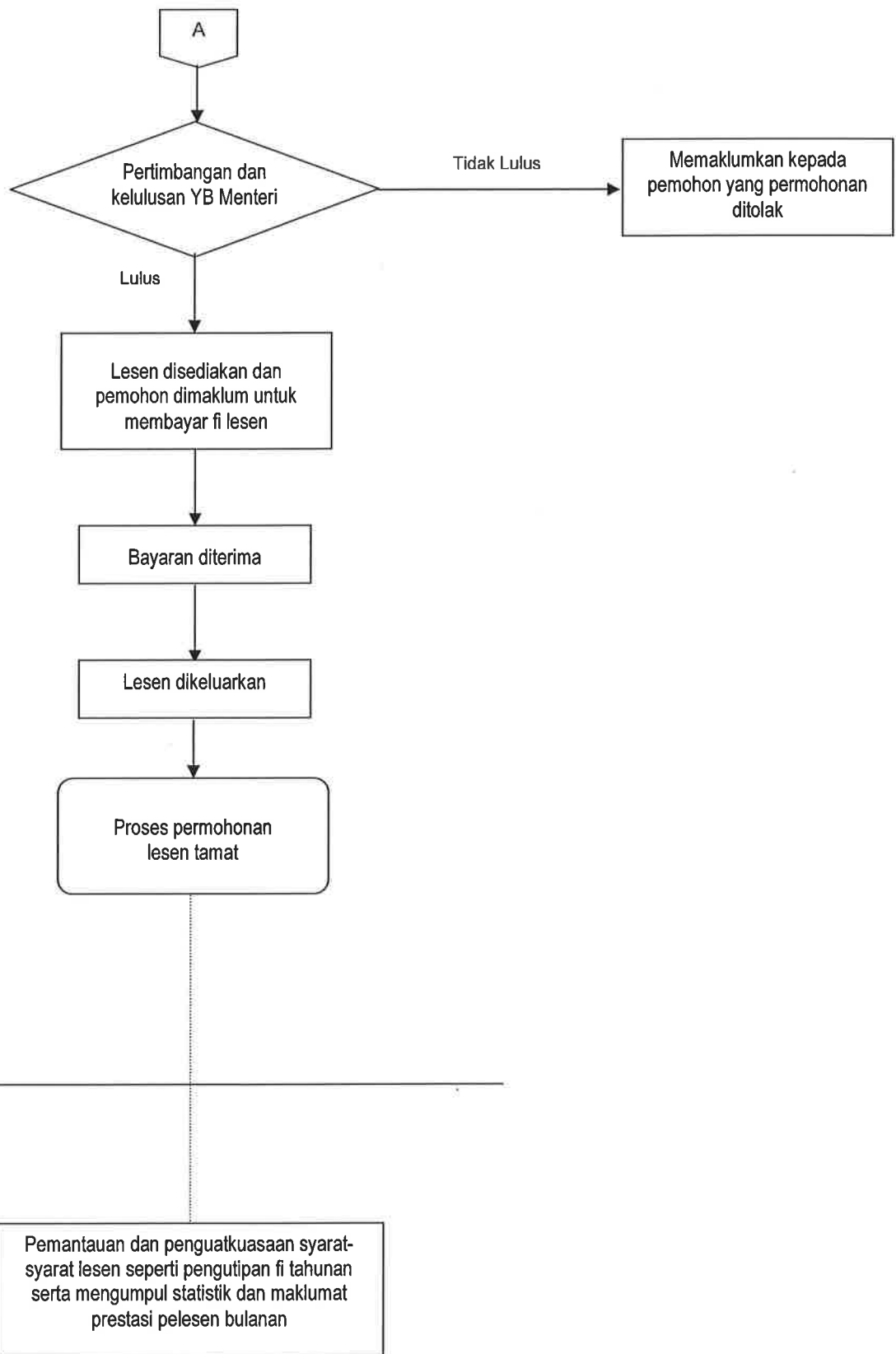
LAMPIRAN 1

CARTA ALIRAN PEMROSESAN PERMOHONAN LESEN PERSENDIRIAN MELEBIHI 5 MW & LESEN AWAM



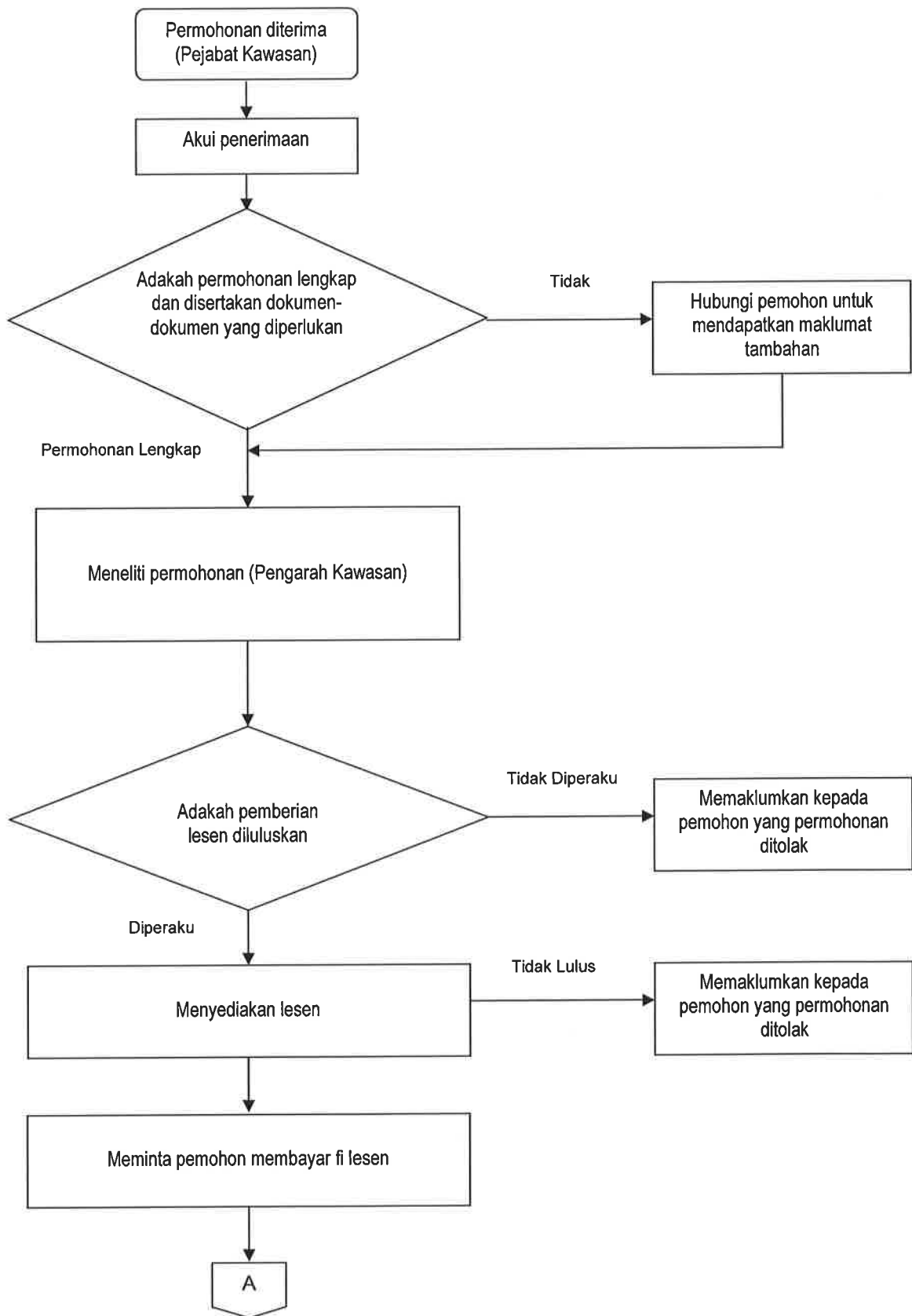
* Bagi permohonan lesen awam berkapasiti 30 MW ke bawah, lesen akan terus dikeluarkan kepada pemohon setelah mendapat kelulusan Mesyuarat Suruhanjaya Tenaga

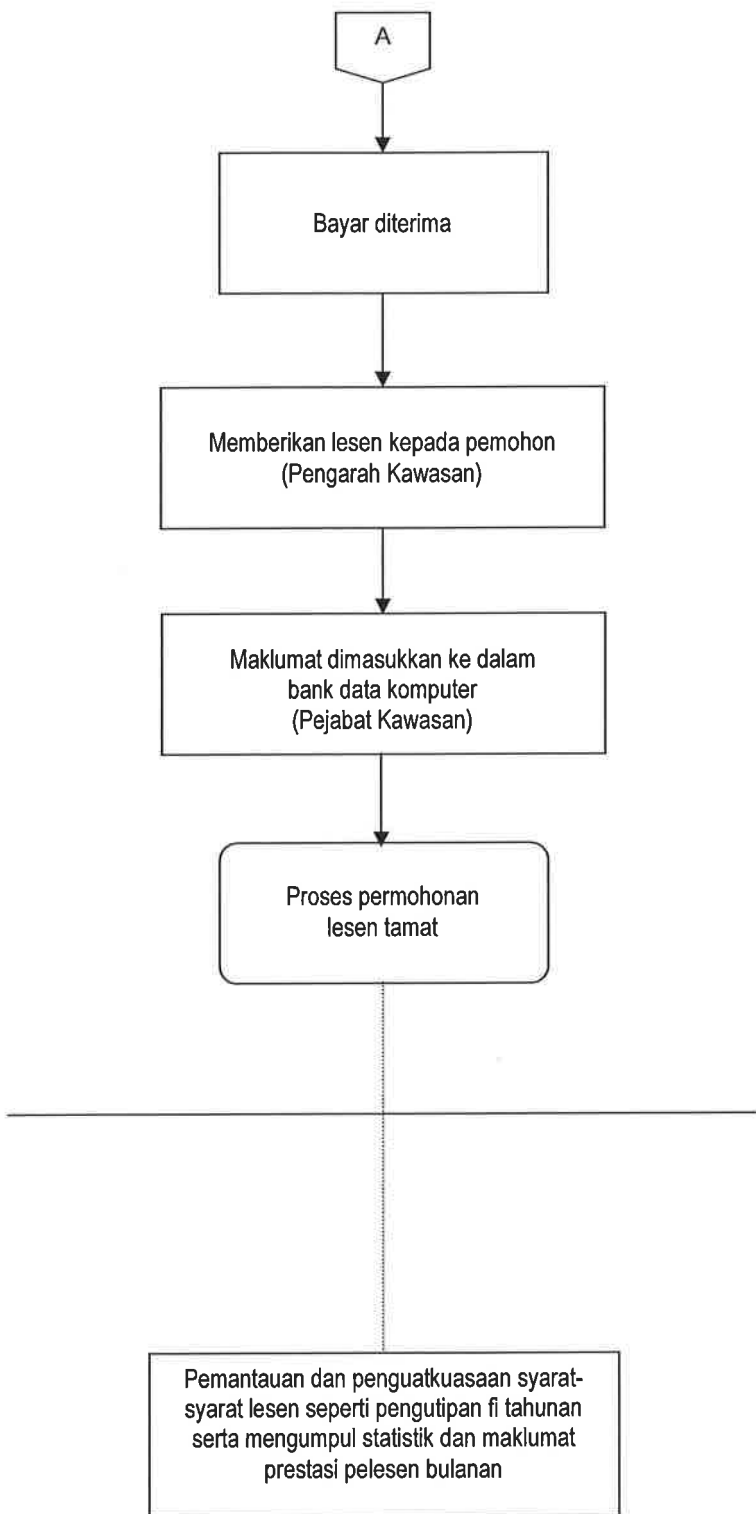
**Memorandum yang dikemukakan adalah bertujuan memohon kelulusan YB. Menteri bagi permohonan lesen berkapasiti melebihi 30 MW



LAMPIRAN 2

CARTA ALIRAN PEMROSESAN PERMOHONAN **LESEN PERSENDIRIAN 5 MW KE BAWAH**





LAMPIRAN 3

**BORANG PERMOHONAN PELESENAN PERSENDIRIAN MELEBIHI
5MW DAN PELESENAN AWAM**

Bahagian A

Suruhanjaya Tenaga Online Application System

Laman Utama Dashboard e-Application Maklumat Syarikat Kata Laluan Bantuan Hubungi Kami

ST(JKPPE) pindaan 201

e-Electricity » Borang Permohonan Pelesenan Awam & Persendirian (Bagi Kapasiti Pemasangan 5MW Ke Atas)

Ruangan yang bertanda (*) perlu diisi.

Bahagian A Bahagian B Bahagian C Bahagian D Bahagian E Bahagian F

Bahagian A : JENIS PERMOHONAN

*Bila pilih Jenis Permohonan :

Lesen Awam

Lesen Persendirian (bagi kapasiti pemasangan 5 MW ke atas)

*Penjanaan / Penjualan menggunakan Sistem Solar Fotovoltaik (PV) :

Ya

Tidak

*Sila pilih :

Sistem satu fasa, pada voltan melebihi voltan rendah dengan kapasiti melebihi 24kW

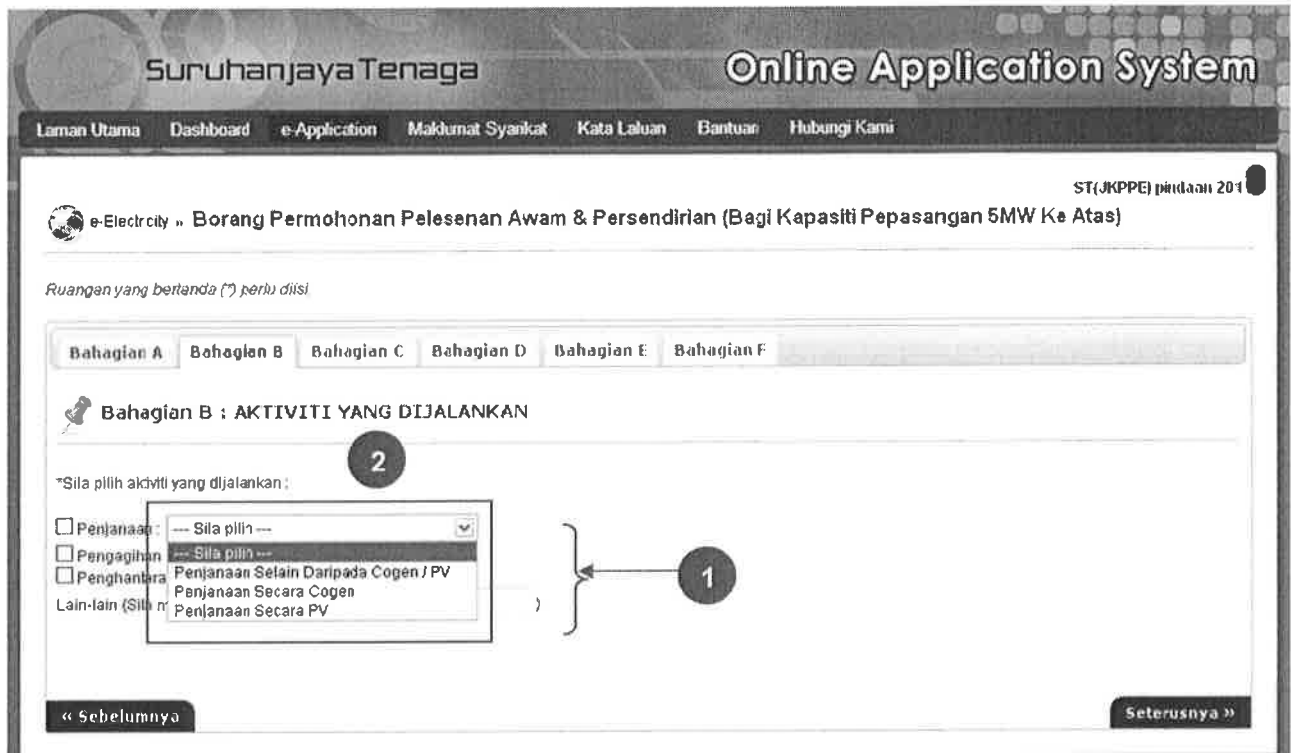
Sistem tiga fasa, pada voltan melebihi voltan rendah dengan kapasiti melebihi 72kW

Seterusnya >>

Rajah 4

1. Sila buat pilihan di bahagian *Sila pilih Jenis Permohonan :
 - a. Jika anda memilih Lesen Awam, pilihan *Penjanaan / Penjualan menggunakan Sistem Solar Fotovoltaik (PV) akan dipaparkan
 - b. Jika anda memilih Ya, pilihan *pilihan Sila pilih akan dipaparkan
2. Klik Seterusnya

Bahagian B



Rajah 5

1. Pada Bahagian B, sila pilih aktiviti yang dijalankan dengan menandakan pada kotak yang berkenaan.
2. Sila ambil perhatian terdapat 3 pilihan lagi jika memilih Penjanaan
3. Lampiran-lampiran yang berkenaan dengan aktiviti yang dipilih akan dipaparkan.
4. Sila masukkan maklumat-maklumat yang berkaitan.

Pembahagian Lampiran Berdasarkan Pemilihan Aktiviti

1. Pemilihan aktiviti akan memaparkan lampiran-lampiran yang berhubungkait dan pengguna dikehendaki mengisi lampiran- lampiran ini seperti di Rajah 6

Aktiviti / Lampiran	1	2	3	4	5	6
Penjanaan						
- Penjanaan Selain daripada Cogen / PV	x			x		
- Penjanaan secara Cogen		x		x		
- Penjanaan secara PV			x			
Pengagihan					x	
Penghantaran						x

Rajah 6

Lampiran 1 - Maklumat Pemasangan Bagi Aktiviti Penjanaan

Lampiran 1
Lampiran 4

Maklumat Pemasangan Bagi Aktiviti Penjanaan

1. Jenis dan Kapasiti

*Jenis loji janakuasa :

- PV Modul
- Enjin Diesel
- Turbin Gas Kitar Terbuka atau Kitar Padu
- Turbin Steam
- Turbin Angin
- Hidro

*Keupayaan setiap unit penjanaan

Unit 1 : kW

Unit 2 : kW

Unit 3 : kW

Unit 4 : kW

*Voltan penjanaan : kV

2. Bahanapi

*Jenis bahanapi :

- Solar --- Sila pilih ---
- Gas Sila pilih
- Diesel --- Sila pilih ---
- Arang Batu --- Sila pilih ---
- Biomass --- Sila pilih ---
- Biogas --- Sila pilih ---
- Landfill Gas --- Sila pilih ---
- Oil --- Sila pilih ---

Lain-lain (Nyatakan)

*Nilai kalorifik (pada lower heating value) : kJ/kg

*Kegunaan untuk primary firing : kJ/kg

*Kegunaan untuk supplementary firing : kJ/kg

*Kuantiti bahanapi setahun : kJ

3. Kecekapan loji dan Availability

*Kecekapan thermal setiap janakuasa : %

*Kecekapan keseluruhan stesen penjanaan : %

*Availability / tahun : %

*Sistem Saluran Elektrik Dipasang :

- Di atas tanah pemilik janakuasa sahaja
- Melintasi tanah kerajaan, sungai, jalan raya, kabel-telekom dan landasan kereta api.
- Melintasi tanah kepunyaan orang lain.

« Sebelumnya
Seterusnya »

Rajah 7

Lampiran 3 - Maklumat Pemasangan Bagi Aktiviti Penjanaan - Sistem Solar Fotovoltaik (PV)

Lampiran 3
Lampiran 5
Lampiran 6

Maklumat Pemasangan Bagi Aktiviti Penjanaan - Sistem Solar Fotovoltaik (PV)

1. Loji Janakuasa

» Tambah Unit

Unit	Keupayaan Setiap Unit Penjanaan (kW)	Voltan (kV)	Fasa (Hz)	Frekuensi Penjanaan

2. Butir-butir Sistem PV

*Anggaran penjanaan maksima : kW

*Anggaran jumlah pengeluaran tenaga setahun : kW

3. Kos Pelaburan, Penjanaan dan Tarif Jualan

*Jumlah kos seunit tenaga elektrik dijana : sen/kWh

*Kadar Tarif Galakan (*FIT rate*) : sen/kWh

*Kos keseluruhan pemasangan PV (RM) :

*Tempoh bayar balik (*pay back period*) pelaburan pemasangan PV : tahun

**Internal Rate Of Return (IRR)* : %

« Sebelumnya
Seterusnya »

Rajah 9

Lampiran 4 - Anggaran Kos Bagi Aktiviti Penjanaan & Penjualan Tenaga

Lampiran 1	Lampiran 4	Lampiran 5	Lampiran 6
Anggaran Kos Bagi Aktiviti Penjanaan & Penjualan Tenaga			
1. Penjanaan & Penjualan Tenaga			
*Jumlah kos seunit tenaga elektrik dijana :	<input type="text"/>	sen/kWh	
Jumlah kos seunit tenaga haba (stirn) dihasilkan :	<input type="text"/>	sen/kJ	
*Kos bahanapi :	<input type="text"/>	sen/kWh	
*Kos operasi dan penyelenggaraan :	<input type="text"/>	sen/kWh	
*Kos pelaburan projek (RM) :	<input type="text"/>		
*Kos keseluruhan loji (RM) :	<input type="text"/>		
*Tempoh bayar balik (<i>pay back period</i>) :	<input type="text"/>	tahun	
* <i>Internal Rate Of Return (IRR)</i> :	<input type="text"/>	%	
Jika melibatkan penjualan tenaga, sila nyatakan cadangan kadar tariff tenaga elektrik yang akan dikenakan kepada pengguna :	<input type="text"/>	sen/kWh	
Harga jualan seunit tenaga elektrik			
kepada pengguna mengikut PPA, atau :	<input type="text"/>	sen/kWh	
kepada utiliti mengikut REPPA :	<input type="text"/>	sen/kWh	
Harga jualan seunit tenaga stirn kepada pengguna :	<input type="text"/>	sen/kJ	
« Sebelumnya		Seterusnya »	

Rajah 10

Lampiran 5- Maklumat Pemasangan Bagi Aktiviti Pengagihan

Lampiran 1
Lampiran 4
Lampiran 5
Lampiran 6

Maklumat Pemasangan Bagi Aktiviti Pengagihan

1. Sistem Pengagihan

*Jumlah keupayaan sistem pengagihan : kW

*Kehendak Maksimum : kW

*Punca bekalan :

Penjanaan sendiri
 SESB
 TNB
 Lain-lain (Nyatakan) :

*Voltan punca bekalan : kV

*Voltan pengagihan : kV

*Sistem agihan :

Talian atas
 Kabel bawah tanah
 Pendawaian dalaman
 Lain-lain (Nyatakan) :

Loji Janakuasa Tunggusedia (jika ada) : kW

Kehilangan sistem (*System losses*) : %

2. Pembekalan

Butiran	Jenis Pengguna		
	Industri	Komersial	Domestik
*Bilangan pengguna	<input type="text"/>	<input type="text"/>	<input type="text"/>
*Jumlah jualan tenaga elektrik setahun yang dijangka kepada pengguna (kWj)	<input type="text"/>	<input type="text"/>	<input type="text"/>
*Jumlah anggaran tenaga elektrik dibeli setahun dari utiliti (kWj)	<input type="text"/>	<input type="text"/>	<input type="text"/>
*Tarif belian (sen/kWj)	<input type="text"/>	<input type="text"/>	<input type="text"/>
*Anggaran kehendak maksimum keseluruhan (kW)	<input type="text"/>	<input type="text"/>	<input type="text"/>
*Kadar kehendak maksimum pengguna/penyewa (kW)	<input type="text"/>	<input type="text"/>	<input type="text"/>
*Tarif jualan yang dicadangkan (sen/kWj)	<input type="text"/>	<input type="text"/>	<input type="text"/>
*Kos penyelenggaraan setahun (RM)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Caj sambungan dan caj lain (bagi yang berkenaan sahaja)	<input type="text"/>	<input type="text"/>	<input type="text"/>

« Sebelumnya
Seterusnya »

Rajah 11

Lampiran 6 - Maklumat Pemasangan Bagi Aktiviti Penghantaran

The screenshot displays a web-based form titled "Maklumat Pemasangan Bagi Aktiviti Penghantaran". At the top, there are navigation tabs for "Lampiran 1", "Lampiran 4", "Lampiran 5", and "Lampiran 6", with "Lampiran 6" being the active tab. The form is organized into sections, with the first section being "1. Sistem Penghantaran".

The form contains the following fields and options:

- *Jumlah keupayaan sistem penghantaran :** Input field followed by "kVA".
- *Kehendak Maksimum :** Input field followed by "kW".
- *Punca Bekalan :** Radio button options for "Penjanaan sendiri", "SESB", and "TNB". Below these is a text input field "Lain-lain (Nyatakan)".
- *Bilangan Litar dan Voltan :** Input field followed by "Litar".
- *Jarak :** Input field followed by "km".
- Dari :** Input field.
- Ke :** Input field.
- *Kaedah penghantaran :** Checkable options for "talian atas", "kabel bawah tanah", and "dasar laul". Below these is a text input field "Lain-lain (Nyatakan)".
- *Bilangan pencawang :** Input field.
- *Kehilangan sistem (System losses) :** Input field followed by "%".

At the bottom of the form, there are two navigation buttons: "« Sebelumnya" on the left and "Seterusnya »" on the right.

Rajah 12

Bahagian C

Bahagian A Bahagian B Bahagian C Bahagian D Bahagian E Bahagian F						
Bahagian C : SENARAI SEMAK DOKUMEN & LUKISAN YANG DIPERLUKAN						
Dokumen-dokumen Dan Lukisan-lukisan Yang Diperlukan					Muat Naik	Hantar Salinan Fotokopi
1.	Salinan Perakuan Pendaftaran Syarikat (ROC)				Muat Naik	<input type="checkbox"/>
2.	Salinan borang-borang berikut yang terkini dan disahkan					
	Borang 24 (<i>Return of Allotment of Shares</i>)				Muat Naik	<input type="checkbox"/>
	Borang 49 (<i>Return giving Particular in Register of Directors, Managers and Secretaries and Changes of Particulars</i>)				Muat Naik	<input type="checkbox"/>
	<i>Form of Annual Return</i>				Muat Naik	<input type="checkbox"/>
3.	Lukisan-lukisan Pemasangan;					
	Pelan lokasi dan pelan lapak dalam ukuran saiz A4 atau A3 termasuk Kawasan Bekalan Wajib bagi sistem pengagihan, (No. Rujukan :)				Muat Naik	<input type="checkbox"/>
	Lukisan Skematik Utama Voltan Tinggi				Muat Naik	<input type="checkbox"/>
4.	Project Financial Run - bagi aktiviti Penjanaan				Muat Naik	<input type="checkbox"/>
5.	Salinan Surai-surai Perjanjian/Sokongan/Kelulusan (yang berkenaan sahaja)					
	Perjanjian Bekalan Bahanapi				Muat Naik	<input type="checkbox"/>
	Kelulusan Pihak Berkuasa Tempatan/Kerajaan Negeri				Muat Naik	<input type="checkbox"/>
	Jabatan Alam Sekitar < 10 MW				Muat Naik	<input type="checkbox"/>
	Perjanjian Jual Tenaga				Muat Naik	<input type="checkbox"/>
	Perjanjian Jual-Beli Tenaga dengan Utiliti (REPPA) (bagi projek dibawah Sistem Tarif Galakan Tenaga Boleh Baharu)				Muat Naik	<input type="checkbox"/>
	Kelulusan Projek yang masih sah				Muat Naik	<input type="checkbox"/>
	Sijil Kelulusan Tarif Galakan				Muat Naik	<input type="checkbox"/>
	Kelulusan Pembiayaan Kewangan				Muat Naik	<input type="checkbox"/>
	Perjanjian Sewa Bangunan / Tapak (jika bukan milik pemohon) Pemilik				Muat Naik	<input type="checkbox"/>
	Kelulusan Permohonan Bekalan Pukal Daripada Pihak Utiliti				Muat Naik	<input type="checkbox"/>
6.	Ringkasan projek yang mengandungi keterangan berikut (jika berkenaan)					
	Cadangan teknikal				Muat Naik	<input type="checkbox"/>
	Sebab aktiviti pelesenan awam / persendirian diperlukan				Muat Naik	<input type="checkbox"/>
	Kesan ke atas alam sekitar				Muat Naik	<input type="checkbox"/>
	Jadual perlaksanaan				Muat Naik	<input type="checkbox"/>
	Rancangan pembiayaan projek				Muat Naik	<input type="checkbox"/>
	Maklumat mengenai <i>local contents, local and foreign expertise</i> semasa pelaksanaan projek dan selepas beroperasi				Muat Naik	<input type="checkbox"/>
	<i>Business operation plan</i> termasuk carta organisasi dan kakitangan kompeten yang diperlukan				Muat Naik	<input type="checkbox"/>

« Sebelumnya Seterusnya »

Rajah 13

1. Pada Bahagian C, sila muat naik dokumen-dokumen yang berkaitan.
2. Sekiranya anda tidak memuat naik dokumen, sila tandakan pada kotak **Hantar Salinan Fotokopi**. Salinan fotokopi dokumen-dokumen hendaklah dihantar ke Pejabat Suruhanjaya Tenaga .

Bahagian D

ST(JKPE) pindaan 201

e-Electricity > Borang Permohonan Pelesenan Awam & Persendirian (Bagi Kapasiti Pemasangan 5MW Ke Atas)

Bahagian A Bahagian B Bahagian C **Bahagian D** Bahagian E Bahagian F

Bahagian D : MAKLUMAT PERMOHONAN

Nama Syarikat : syarikat ujian123 sdn bhd
 No. Pendaftaran Syarikat : 77777b
 Alamat : No 1
 JALAN B
 BANDAR BARU BANGI
 Poskod : 43650
 Bandar : BDR. BARU BANGI
 Negeri : Selangor
 No. Telefon : 0122222222
 No. Faksimili : 03898999

Butiran Tapak Pemasangan (termasuk keseluruhan kawasan bekalan jika melibatkan aktiviti pengagihan)

No. Lot :
 Mykm :
 Daerah :
 Poskod :
 Negeri :

Bagi Projek di bawah Sistem :
 Tarif Gelakan Tenaga Boleh Baharu :

Kategori Penggunaan : Perilagaan
 Pengilangan/Industri
 Perladangan
 Lain-lain (Nyatakan:)

Bagi tujuan lesen persendirian, sila nyatakan sebab penjana sendiri : Tiada bekalan utiliti
 Lebih ekonomi
 Bekalan sementara
 Lain-lain (Nyatakan:)

Status pemasangan :
 Tempoh Lesen Diperlukan : Tempoh : Tahun
 Mula :

Tarikh Penilaian Pemasangan :
 Tarikh Mula tugas :

« Sebelumnya Seterusnya »

Rajah 14

1. Pada Bahagian D, sila masukkan maklumat-maklumat yang berkaitan.

Bahagian E

Laman Utama Dashboard e-Application Maklumat Syarikat Kata Laluan Bantuan Hubungi Kami

ST(JKPE) pindaan 2011

e-Electricity » Borang Permohonan Pelesenan Awam & Persendirian (Bagi Kapasiti Pemasangan 5MW Ke Atas)

Man yang bertanda (*) perlu diisi.

1

Bahagian A Bahagian B Bahagian C Bahagian D **Bahagian E** Bahagian F

Bahagian E : PENGAKUAN PEMOHON

Saya **MOHD GHANI B ALI**, No. MyKad **780101115399** mengaku bahawa maklumat-maklumat yang terkandung di dalam permohonan ini adalah benar dan kenyataan-kenyataan adalah betul dan saya sedar adalah menjadi suatu kesalahan di bawah seksyen 8 Akta Bekalan Elektrik 1990 jika maklumat-maklumat yang diberikan itu adalah palsu.

Saya akan menjawat orang kompeten untuk menjaga, mengendalikan dan menyelia pemasangan menurut Akta Bekalan Elektrik 1990 dan Peraturan-Peraturan yang dibuat dibawahnya dan memaklumkan Suruhanjaya Tenaga berkenaan dengan peralantikan tersebut.

Saya bersetuju untuk mematuhi terma-terma dan syarat-syarat lesen awam yang diberikan oleh Suruhanjaya Tenaga.

« Sebelumnya Seterusnya »

Rajah 15

1. Pada Bahagian E, sila tandakan pada kotak-kotak yang berkenaan.

5. Prebiu untuk cetakan borang permohonan akan dipaparkan di bahagian bawah seperti rajah 18.
6. Sila klik pada ikon **Pencetak** untuk mencetak Borang Permohonan.
7. Seterusnya, sila tandatangan dan cop pada ruangan yang disediakan di dalam borang yang dicetak tersebut. Borang tersebut perlu dihantar ke Pejabat Suruhanjaya Tenaga bersama-sama dokumen sokongan yang diperlukan (sekiranya tidak dimuat naik) untuk melengkapkan permohonan. Permohonan ini hanya akan diproses setelah pihak Suruhanjaya Tenaga menerima semua dokumen dengan lengkap.

Laman Utama Dashboard Application Maklumat Syarikat Kata Laluan Bantuan Hubungi Kami

No. Rujukan : OAS.ELC.100141/2012 Status Permohonan : Baharu
 Tarikh Permohonan : 13/12/2012 ID Permohonan : alanmaya@gmail.com

Maklumat permohonan telah dihantar. Terima kasih.

Sila kemukakan perkara-perkara berikut ke Pejabat Suruhanjaya Tenaga


1. Sila cetak Borang Permohonan ini, landalangan dan cop syarikat pada borang tersebut.
2. Salinan dokumen-dokumen sokongan yang diperlukan (sekiranya anda tidak memuat-naik (upload) secara online di dalam sistem)
3. Gambar-gambar yang diperlukan, jika ada (sekiranya anda tidak memuat-naik (upload) secara online di dalam sistem)


Permohonan ini akan diproses setelah Pejabat Suruhanjaya Tenaga menerima semua borang dengan lengkap.

Sila semak status permohonan anda dari semasa ke semasa di menu Dashboard

Sila hantarkan borang permohonan anda ke

PENGARAH KANAN
 JABATAN KAWAL SELIA PEMERKAIAN & PASARAN ELEKTRIK
 TINGKAT 4, NO. 12, JALAN TUN HUSSEIN, PRESINT 2
 02100 PUTRAJAYA
 Telefon: 03-88718579
 Faks: 03-88886650

 **Cetak** 6



SURUHANJAYA TENAGA
 No. 12, Jalan Tun Hussein, Presint 2,
 02100, Putrajaya, Wilayah Persekutuan, Malaysia.
 Tel. 03-8870 8549 Faks. 03-8888 8649

STUKPPF) pindaan 2011

No. Rujukan : OAS.ELC.100141/2012
 Tarikh Permohonan : 13/12/2012
 ID Permohonan : alanmaya@gmail.com

BORANG PERMOHONAN PELESENAN AWAM & PERSENDIRIAN

Rajah 18

LAMPIRAN 4

BORANG PERMOHONAN PELESENAN PERSENDIRIAN

5MW KE BAWAH

PERMOHONAN UNTUK PELESENAN PERSENDIRIAN
(Permohonan 5MW kebawah)

Arahan Kepada Pemohon

1. Borang ini hendaklah dikemukakan bersama dokumen-dokumen berkaitan kepada Pejabat Kawasan Suruhanjaya Tenaga yang berkenaan.
2. Permohonan ini hendaklah ditandatangani dan dicop oleh pemohon sendiri atau pihak pengurusan syarikat.

BAHAGIAN A : BUTIR-BUTIR PEMOHON

(Tandakan (√) dalam kotak berkenaan)

1.0 Nama, Alamat dan No. Telefon pemohon.		
2.0 Alamat dan no. telefon tapak pemasangan		
3.0 Jenis aktiviti	Penjanaan persendirian Lain-lain (Sila nyatakan:.....)	<input type="checkbox"/> <input type="checkbox"/>
4.0 Kategori penggunaan	Kediaman Perniagaan Industri Perladangan Perkhidmatan Lain-lain (Sila nyatakan:	
5.0 Nyatakan sebab-sebab penjanaan sendiri diperlu.	Tiada bekalan utiliti Lebih ekonomi Utiliti menolak permohonan bekalan Bekalan sementara	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
6.0 Tempoh lesen diperlukan	Dari Hingga Tempoh	
7.0 Jadual pelaksanaan.	Tarikh mula pembinaan Tarikh siap pembinaan Status pembinaan	

BAHAGIAN B : BUTIR-BUTIR PENJANAAN

(Tandakan (✓) dalam kotak berkenaan)							
1.0 Set janakuasa:	Bilangan	Kapasiti (KW)	Fasa (1 atau 3)	Kadaran Voltan (V)	Frekuensi (Hz)	Bahanapl (gas, minyak, lain-lain)	Baru / Tambahan
ENJIN DIESEL <input type="checkbox"/>							
ENJIN GAS <input type="checkbox"/>							
TURBIN STIM <input type="checkbox"/>							
TURBIN GAS <input type="checkbox"/>							
HIDRO <input type="checkbox"/>							
LAIN-LAIN <input type="checkbox"/>							
NYATAKAN	<p>Jumlah kapasiti terpasang KW</p> <p>Kapasiti maksimum dioperasikan pada satu masa KW</p> <p>Kegunaan Janakuasa adalah untuk:</p> <p><input type="checkbox"/> Membekal keseluruhan permintaan</p> <p><input type="checkbox"/> Membekal sebahagian permintaan</p> <p><input type="checkbox"/> Membekal tempat-tempat tertentu</p> <p>[N.B.] Untuk permohonan pindaan kapasiti, sila masukkan kapasiti sebenar [.....KW]</p>						
2.0 Sistem saluran elektrik dipasang	<p>a. Diatas tanah pemilik janakuasa sahaja <input type="checkbox"/></p> <p>b. Melintasi tanah kerajaan, sungai, jalan raya, kabel-telekom dan landasan kereta api <input type="checkbox"/></p> <p>c. Melintasi tanah kepunyaan orang lain. <input type="checkbox"/></p> <p>Untuk (b) dan (c) sertakan surat kelulusan.</p>						
3.0 Catatan lain							

BAHAGIAN C : DOKUMEN-DOKUMEN DAN LUKISAN-LUKISAN KEPERLUAN

(Dokumen dan lukisan berikut hendaklah disertakan bersama permohonan ini. Lukisan hendaklah ditandatangani dan dicop oleh seorang Jurutera Profesional (Elektrik) yang dilantik oleh pemohon)

(Tandakan (✓) dalam kotak berkenaan)

PERKARA-PERKARA		
1.0	Salinan Perakuan Pendaftaran Syarikat (ROC) / Perakuan Pendaftaran Perniagaan (ROB).	<input type="checkbox"/>
2.0	Salinan Borang 49	<input type="checkbox"/>
3.0	Lukisan-lukisan berkaitan pemasangan	
3.1	Pelan Lokasi dan Tapak Rujuk:	<input type="checkbox"/>
3.2	Lukisan susunatur bilek / bangunan Janakuasa	<input type="checkbox"/>
3.3	Lukisan main skematik	<input type="checkbox"/>
4.0	Salinan Borang-borang *	
4.1	Borang G	<input type="checkbox"/>
4.2	Borang H	<input type="checkbox"/>

(**Catatan:** * Borang G dan Borang H bersama keputusan ujian dan pentatahan perlu dikemukakan kepada Suruhanjaya Tenaga sebelum pentauliahan pemasangan)

BAHAGIAN D: PENGAKUAN PEMOHON

1. Saya No. K.P
mengaku bahawa maklumat-maklumat yang terkandung di dalam permohonan ini adalah benar dan kenyataan-kenyataan adalah betul dan saya sedar adalah menjadi suatu kesalahan di bawah seksyen 8, Akta Bekalan Elektrik 1990 jika maklumat-maklumat yang diberikan itu adalah palsu.
2. Saya akan menjawat orang kompeten untuk menjaga, mengendalikan dan menyelia pemasangan menurut Akta Bekalan Elektrik 1990 dan Peraturan-Peraturan yang dibuat dibawahnya dan memaklumkan Suruhanjaya Tenaga berkenaan dengan perlantikan tersebut.
3. Saya bersetuju untuk menghantar maklumat-maklumat mengenai tenaga elektrik yang dijana dan bahanapi yang diguna ke Suruhanjaya Tenaga.

.....
(Tandatangan Pemohon)
Jawatan:

.....
(Cop Rasmi)

Tarikh:

BAHAGIAN E: PENGESAHAN JURUTERA PROFESSIONAL

Saya mengesahkan bahawa pemasangan ini adalah direka bentuk oleh saya mengikut kehendak perundangan yang berkaitan serta mengikut amalan kejuruteraan yang baik (good engineering practice).

.....
(Tandatangan)
Alamat:

.....
(Nama & Cop Jurutera Professional)

Tarikh :

BAHAGIAN F: KEPUTUSAN JAWATANKUASA PELESENAN

(Untuk kegunaan Jabatan sahaja).

Permohonan ini **DILULUSKAN** UNTUK TEMPOHTAHUN BERMULA

Permohonan ini **TIDAK DILULUSKAN**

.....
(Tandatangan, nama & cop pegawai)
- Ahli -

.....
Tandatangan, nama dan cop
Ketua Kawasan
- Pengerusi -

Tarikh:

Tarikh:

LAMPIRAN 5

CONTOH LESEN AWAM (PENJANAAN UTILITI/IPP)
(tertakluk kepada perubahan)

ELECTRICITY SUPPLY ACT 1990
LICENCE FOR GENERATION AND SUPPLY OF ELECTRICITY
PART I - GRANT OF LICENCE

1. The Energy Commission with the approval of the Minister of Energy, Green Technology and Water, in exercise of the powers conferred on him by section 9 of the Electricity Supply Act, 1990 (hereinafter referred to as "the Act") and of all other powers exercisable by him for that purpose, hereby grants to [REDACTED], a company incorporated under the Companies Act 1965, having its registered office at [REDACTED] (hereinafter referred to as "the Licensee"), a licence for the period specified in paragraph 4, subject to the terms in this Part and Conditions set out in Part III of this Licence (hereinafter referred to as "the Conditions"), the Act and to any Regulations made or which may be made under the Act and to revocation as provided for in Part IV, to use, work or operate or permit to be used, worked or operated any generation installation and its associated facilities, any transmission and/or interconnection facilities, to be constructed by or for the Licensee at [REDACTED] (hereinafter referred to as the "Power Station"), and to supply energy to (e.g. **Tenaga Nasional Berhad**), a public listed company incorporated under the Companies Act, 1965, having its registered office at [REDACTED] (herein after referred to as "TNB") and/or to any other person approved by the Energy Commission.
2. The Licence may extend to authorising the Licensee to do all or any of the acts specified hereinafter, particularly, to lay, place, carry on or maintain transmission lines, cables or wires related to power station, in accordance with the provisions of the Act.
3. The granting of this Licence does not remove any obligation of the Licensee to comply with any provision of any other written law or to obtain any other licence that is required under any other written law for the time being in force.

4. This Licence shall come into force from the date of issuance of the Licence, and shall expire [REDACTED] after the completion date referred to in paragraph 2 of Condition 5 but, without prejudice to Part IV of this Licence, shall be subject to revocation.

(DATUK IR AHMAD FAUZI BIN HASAN)
Chief Executive Officer
Energy Commission

Dated :

PART II - INTERPRETATION AND CONSTRUCTION

1. Unless the contrary intention appears, words and expressions used in the Conditions shall be construed as if they were an Act of Parliament and the Interpretation Acts 1948 and 1967 applied to them, and references to an enactment shall include any statutory modification or re-enactment thereof after the date when this Licence comes into force.
2. Nothing in this Licence shall in any way affect the powers of the Energy Commission under the Act and any purported detracting or derogation of such powers shall have no force or effect.
3. Any word or expression defined for the purpose of Part I of the Act shall, unless the contrary intention appears, have the same meaning when used in the Conditions.
4. Where a time limit is stipulated, the Licensee shall comply with the obligation within the time limit and that obligation shall be deemed to continue after that time limit if the Licensee fails to comply with that obligation within that time limit. However, the Energy Commission may, after an application by the Licensee, extend the time limit as he deems fit.
5. Any reference to a numbered Condition is a reference to the Condition bearing that number in this Licence and any reference to a numbered paragraph is a reference to the paragraph bearing that number in the Condition in which the reference occurs.
6. In construing the Conditions, the heading or title of any Condition shall be disregarded.
7. Any reference to "person" in this Licence, shall be deemed to include natural and legal person.
8. Words and expressions importing the masculine gender include females.
9. Words and expressions in the singular include the plural, and words and expressions in the plural include the singular.

10. In this Licence, unless the context otherwise requires:

- "Act" means the Electricity Supply Act, 1990 [Act 447], as it may from time to time be amended, extended, modified or re-enacted;
- "affiliate" in relation to the Licensee means any holding company or subsidiary of the Licensee or any subsidiary of a holding company of the Licensee, related to the Licensee's core business of generation and supply of electricity within the meaning of the Companies Act 1965;
- "Commission" means the Energy Commission established under the Energy Commission Act 2001;
- "Director General of Environmental " means the Director General of Environmental appointed under section 3 of the Environmental Quality Act 1974, and includes his Deputy or officer authorised by him;
- "disposal" includes any sale, gift, lease, licence, loan, mortgage, charge or the grant of any encumbrance or the permitting of any encumbrance to subsist or any other disposition to a third party, including the affiliate;
- "Financial Year" bears the meaning given in paragraph 1 of Condition 18;
- "Grid System" means the transmission grid system in Peninsular Malaysia operated by the Grid System Operator referred to in the Malaysian Grid Code;
- "Grid System Operator" means any person or a unit, department or division forming part of TNB who is authorized by the Commission or as provided for under the Act responsible for operational planning, dispatch and control of the Grid System and any other function as may be prescribed;

"Minister"	means the Minister for the time being charged with the responsibility for matters relating to the generation, transmission, distribution and supply of electricity;
"Power Purchase Agreement"	means an agreement made or to be made between the Licensee and TNB for the purpose of supplying and selling electricity to TNB, as the same may be amended, modified or novated from time to time;
"Power Station"	means combined cycle power generating station, including its associated facilities;
"Subsidiary Legislation"	means the Electricity Regulations 1994 and any Regulations, rule, order, notification, by law or other instrument made or which may be made under the Act, as it may from time to time be amended, extended, modified or re-enacted;
"related undertaking"	means any undertaking in which the Licensee has participating interest;
"relevant assets"	means any asset for the time being forming part of the Licensee's generation business, and any beneficial interest in land upon which the foregoing is situated;
"Single Buyer"	means any person or a unit, department or division forming part of TNB who is authorized by the Commission or as provided for under the Act responsible for the management of procurement of electricity and related services which includes planning, scheduling, procuring and settlement, and any function as may be prescribed;
"TNB"	means Tenaga Nasional Berhad, a limited company incorporated under the Companies Act, 1965, having its registered office at Pejabat Setiausaha Syarikat, Tingkat 2, Ibu Pejabat Tenaga Nasional Berhad, No. 129, Jalan Bangsar, 59200 Kuala Lumpur including its successors in-title or permitted assigns;

PART III – CONDITIONS OF THE LICENCE

CONDITION 1 : OBLIGATIONS OF THE LICENSEE

1. The Licensee is to finance, construct, complete, own, operate and maintain the gas fired combined cycle Power Station with a maximum licenced capacity of [REDACTED] MW at [REDACTED] [REDACTED] and any transmission and / or interconnection facilities as shown in the Location/ Site Plan attached as Annex A, in order to supply electricity to or for the use of TNB, provided that the Commission may, with the approval of the Minister in writing, permit the Licensee to supply electricity to any other person.
2. The Licensee shall take all necessary measures to ensure the safety, reliability, availability and efficiency of the Power Station are maintained throughout the period of this Licence in accordance with prudent utility practices and in conformity with the Conditions of the Licence, the Act and the Regulations made thereunder or such other standards or requirements determined by the Commission.

CONDITION 2 : NOTIFICATION OF THE ROUTE OF THE TRANSMISSION AND/ OR INTERCONNECTION FACILITIES

1. The Licensee shall notify the Commission the route of the interconnection facilities if any subsequent modification or extension is required to be constructed by the Licensee in order to supply electricity.
2. The Licensee shall, within three (3) months after this Licence enters into force, submit to the Commission a map and schematic diagram showing the route and the main components of the subsequent modification or extension to transmission and/or interconnection facilities.

CONDITION 3 : QUALITY ASSURANCE, INSPECTION AND PERFORMANCE TESTS FOR INSTALLATION

With reasonable notice, the Commission may conduct or cause to be conducted by any competent independent engineer authorized by the Commission any quality assurance inspections and performance tests on any installation if it deemed just, fit and necessary. All costs, expenses and incidental incurred by the Commission or any other person appointed or authorized by the Commission for the said inspections and tests shall be borne by the Licensee.

CONDITION 4 : CONSTRUCTION REQUIREMENTS AND GENERAL SUPERVISION FOR NEW INSTALLATIONS

1. All designs, plans, specifications and details for modification of the installation shall be prepared, approved or certified by suitably qualified engineer(s) registered as professional engineer(s) with Board of Engineers, Malaysia (hereinafter referred to as “the Plans and Specifications”).
2. The Licensee, its contractors, subcontractors, servants, agents or workmen shall at all times comply with such written direction given by the Commission or any person duly authorized by the Commission pertaining to any matters concerning the construction, installation, testing, commissioning, operation and maintenance, safety and efficiency of the installations.
3. The Licensee shall set up its own quality control and quality assurance team consisting of suitably qualified personnel to ensure that any modification works which may include installation, construction, testing and commissioning of the installation, the material used and the equipment are in accordance with prudent engineering practices and of quality and standard as stipulated in the approved Plans and Specifications and in compliance with the relevant laws.

CONDITION 5 : INSTALLATION CAPACITY, BUILD UP PERIOD, COMMISSIONING AND DATE OF COMPLETION

1. The Licensee shall ensure that the Power Station shall have a nominal capacity of [REDACTED] MW, which shall be the maximum licenced capacity of the installation.
2. The Power Station and the associated facilities shall be completed, successfully commissioned and ready to supply electricity not later than [REDACTED] or within such extended period as the Commission may allow in writing in order to supply electricity.
3. A generating unit shall be regarded as completed and ready to supply electricity upon the Licensee certifies that the same has been duly constructed, installed, set, calibrated and tested in accordance with the Plans and Specifications referred to in Condition 4 above and with the provisions of the other Conditions of this Licence, and in compliance with all statutory requirements.
4. The Licensee shall ensure that the dependable capacity and availability of energy under the Power Purchase Agreement is met at all times and that the operations of the Power Station are to continue uninterrupted notwithstanding arbitration, contractual or industrial dispute which the Licensee may be engaged in, unless it is prevented from doing so by complying with regulatory requirements or the malfunction or failure of any equipment or installation beyond his control, or as result of fire, flood, drought, landslide, earthquake, explosion, accident, industrial disturbance on national level, emergency, riot, civil disturbance, war, or any other similar event not within the control of the Licensee.
5. If the Power Station is unable to fulfil its obligations under paragraph 1 above permanently, the Licensee shall take all necessary measures to restore performance of the Power Station to the required level. Any modification, refurbishment or renewal of the Power Station and the associated facilities shall be notified to the Commission within a reasonable time of not less than 3 months in

advance, who upon consultation with the Grid System Operator, may allow in writing for such modification, refurbishment or renewal works.

CONDITION 6 : VOLTAGE, FREQUENCY AND QUALITY OF SUPPLY

The voltage, frequency and quality of electricity supplied shall be kept within a range specified in the Regulations and Grid Code or as determined by the Commission.

CONDITION 7 : ASSET MANAGEMENT

1. For its licensed business activities, the Licensee shall establish a five years implementation plan after the Commercial Operation Date, or such timeline to be agreed with the Commission, to develop an asset management system which organizes around true lifecycle asset management processes in order to ensure effective asset performance management and continual improvement throughout the asset life.
2. For the purpose of paragraph 1 above, reference may be made to appropriate asset management standard, which outline systematic and coordinated activities and practices through which an organization optimally and sustainably manages its assets and asset systems, their associated performance, risks and expenditures over their life cycles for the purpose of achieving its organizational strategic plan.
3. The Licensee shall submit to the Commission:
 - i) its implementation plan within 6 months after Commercial Operation Date; and
 - ii) subsequently, submit an annual asset management performance report based on the implementation plan outlining the activities in the previous year.
4. Once the asset management system is already in place and in compliance to asset management standard or practices as agreed with the Commission, the Licensee shall submit to the Commission an annual asset performance report throughout the asset life.

CONDITION 8 : COMPLIANCE WITH SINGLE BUYER RULES, MALAYSIA GRID CODE AND INSTRUCTIONS OF GRID SYSTEM OPERATOR

1. The Licensee shall comply with the provisions of the Single Buyer Rules and Grid Code as it may be amended, extended or modified by the Commission and in accordance with such directive and ruling made from time to time by the Commission.
2. The Licensee shall at all times comply with the instructions, directives and guidelines of the Grid System Operator referred to in the Grid Code to ensure the safety, stability and reliability of the grid system.

CONDITION 9 : COMPLIANCE WITH ENVIRONMENTAL PROTECTION MEASURES

1. The Licensee shall throughout the period of this Licence, observe and comply with the provisions of any written law for the time being in force in relation to environmental protection and to mitigating any adverse impact which the Power Station may have on the environment.
2. The Licensee shall comply with and implement all measures, conditions and requirements imposed by the Director General of Environmental and/or other relevant authorities, in accordance to the approved environmental impact assessment report (EIA Report), for the construction and operation of the Power Station, and for the protection of the environment throughout the period of this Licence.
3. The Licensee shall submit to the Director General of Environmental and/or other relevant authorities from time to time or on such periodical intervals as may be directed by him and/or other relevant authorities, a report on all the environmental requirement protection measures and requirements undertaken by the Licensee.

CONDITION 10 : OBLIGATION ON GOVERNMENT POLICIES AND CONTRIBUTION TO FUND

1. The Licensee shall, in the general conduct of its business and the operation of the Power Station, comply with the policies of the Government on electricity production or usage and distribution thereto.
2. The Licensee shall at all times take cognisance of the Government's policies in particular Bumiputera equity participation, the transfer of technology and expertise to Malaysian, the employment of local personnel, contractors and services and the use of local materials and products.
3. The Licensee shall comply with the Government requirement for any player in the electricity supply industry to contribute to any fund established for the electricity supply industry.
4. The Licensee shall inform the Commission at regular intervals on the status of paragraph 2 and 3 above.

CONDITION 11 : STEP IN RIGHT

1. Notwithstanding any contractual obligations of the Licensee, in the event this Licence is suspended upon breach of any of the Conditions of this Licence and without prejudice to any other right or remedy of Licensee, the Commission shall issue a 90 days notice to step in, solely for the purpose of exercising its duties and functions prescribed under the Act and the Regulations made thereunder.
2. In exercising the step-in right under this Condition:
 - (a) the Commission, with the approval of the Minister, may appoint any other person to carry out, discharge, assume or perform any of the obligations, duties and responsibilities imposed under this Licence on the Licensee, and to receive such payments, benefits or privileges which the Licensee is entitled under this Licence to receive or to enjoy;

- (b) the Licensee shall not be entitled to any payment or compensation from the Government or the Commission for any loss or damage that may have occurred, incurred or suffered by the Licensee; and
- (c) the Licensee, its agents, servants or workmen shall render all necessary assistance and cooperation to any such person appointed by the Commission.

CONDITION 12 : RIGHT OF ENTRY

The Commission, or any other person duly authorised by the Commission shall be entitled to enter any premises or land in or upon which the Power Station is installed or in the course of being installed and may examine, test, survey or take measurement of the Power Station and inspect any record and document kept by the Licensee pertaining thereto, to ensure compliance with the Conditions of this Licence.

CONDITION 13 : REGULATORY COMPLIANCE AUDIT

1. As and when directed by the Commission, the Licensee shall carry out;
 - (a) at intervals of not more than four years or otherwise as determined by the Commission, a management and engineering audit to ensure that engineering and management practices of the Licensee will enable them to fulfill all of their Licence obligations; and
 - (b) a regulatory audit to ascertain the extent of compliance with:
 - i. specific performance standard established by the Commission;
 - ii. regulatory implementation guidelines; and
 - iii. safety and health management, pursuant to Condition 22.

2. The Licensee shall submit to the Commission:
 - (a) the terms of reference of the audit and any subsequent revision, for Commission concurrence; and
 - (b) the list of names of the consultants who will carry out the audit for Commission concurrence and shall consider any representation made by the Commission regarding the selection of the consultants.
3. Notwithstanding paragraph 1 above, the Commission may appoint a consultant of its choice to conduct the audit, whereby,
 - (a) the cost of such audit and consultant shall be borne by the Licensee;
 - (b) the appointed consultant shall report to the Commission during the audit; and
 - (c) the Licensee shall provide the necessary cooperation and assistance required for such audit.
4. The Licensee shall ensure that the information provided is accurate and credible with respect to the Licensee compliance with their Licence conditions and the information is of a quality which is suitable for regulatory purposes including public reporting, comparative analysis and reporting and setting of future performance standard.

CONDITION 14 : PERFORMANCE MONITORING

1. The Licensee shall submit to the Commission on monthly interval, information on the maximum daily load, electricity sold per month, overall plant efficiency and performance, quantity and type of fuel used per month, accidents, breakdown of major plants or equipment, forced and mandatory outages and schedule of maintenance and overhaul programme.

2. Notwithstanding paragraph 1 above, the Licensee shall furnish to the Commission in such manner and at such times as the Commission may reasonable require, such documents, accounts, estimates, returns, reports and other information as the Commission may consider necessary in the light of the Conditions or as the Commission may require for the purpose of performing the duties and functions assigned to the Commission under the Act or any Regulations made thereunder.
3. Without prejudice to paragraph 1 and 2 above, the Licensee shall submit to the Commission the following information:
 - (a) within three (3) months after this Licence enters into force, a copy of the Power Purchase Agreement, Gas Supply Agreement and Land Lease Agreement (if any) and any subsequent amendment, modification, rectification or novation of the said agreement; and
 - (b) within six (6) months after this Licence enters into force, details of financial arrangements and construction programmes of the Power Station and subsequently submission of reports at regular intervals on the status and progress of the said Power Station during its stages of construction.

CONDITION 15 : REQUIREMENT TO FURNISH INFORMATION

1. The Licensee shall procure and furnish to the Commission, in such form and at such time as the Commission may require, such information as the Commission may consider relevant in the light of the Conditions or as it may require for the purpose of performing the functions assigned to it under the Act or the Regulations made thereunder.
2. The power of the Commission to call for information under paragraph 1 is without prejudice to the power of the Commission to call for the information under or pursuant to any other Condition of this Licence or under or pursuant to the Act or the Regulations.

3. In this Condition, "information" means oral or written and shall include, without limitation, any books, documents, records, accounts (statutory or otherwise), estimates, returns or reports of any description (whether or not in electronic or any other format, or prepared specifically at the request of the Commission) requested by the Commission and any explanations (oral or written) in relation to such information as may be requested by the Commission.
4. The Commission may publish any information provided to the Commission under this Licence. In exercising its discretion under this Condition, the Commission shall have regard to the need to protect confidential information.

CONDITION 16 : BUSINESS UNDERTAKINGS

1. The Licensee shall ensure that all the times during the period of this Licence, its sole business shall be the generation and supply of electricity.
2. The Licensee shall not undertake any other business without the prior written approval of the Minister, provided such approval shall not be unreasonably refused.
3. The authorised and paid up capital of the Licensee shall be determined by its shareholders and approved by the Commission and no alteration thereto shall be made without prior notification in writing to the Commission.

CONDITION 17 : REFINANCING ACTIVITIES

1. The Licensee shall notify the Commission as soon as practicable of its intention to raise any new debt or refinance its existing debt, for the purpose of continuing the operation of the power plant.
2. The Licensee shall not carry out such financing or refinancing activities without the prior written approval of the Commission, provided such approval shall not be unreasonably refused, if the Commission is satisfied that:

- (a) the financing or refinancing is provided for under the Power Purchase Agreement or for the purpose of reducing the cost of financing as agreed in the Power Purchase Agreement;
- (b) the financing or refinancing activities will not in any way jeopardise the ability of the Licensee financially to continue fulfilling its obligations under this Licence.

CONDITION 18 : SEPARATE ACCOUNT FOR BUSINESS UNDER THE LICENCE

1. The Financial Year of the Licensee shall run from such date as declare by the Licensee to be in line with its audited annual account.
2. The Licensee shall keep or cause to be kept such accounting records in respect of its business under the Licence required under the Companies Act 1965, so that the revenues, costs, assets, liabilities and reserves and provisions of, or reasonably attributable to the business under the Licence are separately identifiable in the books of the Licensee from those of other business in which the Licensee may be engaged.
3. The Licensee shall prepare in respect of each Financial Year, accounting statements comprising of a profit and loss account, a balance sheet and a statement of source and application of funds in respect of the business under the Licence. Such account shall be audited by an approved Auditor appointed by the Licensee, who shall prepare a report stating their opinion on those account and accounting statements.
4. The Licensee shall deliver to the Commission a copy of the account referred to in paragraphs 3 above as soon as reasonably practicable, and in any event not later than three months after the end of each Financial Year.
5. Notwithstanding its audited annual account as mentioned in paragraph 3 above, the Licensee shall, whenever notified by the Commission, in its internal accounting, keep or cause to be kept details of its Business which when requested from time to time by the Commission, shall be delivered to the

Commission in the form and within reasonable time specified by the Commission. Such accounting details may be in accordance with:

- (a) regulatory accounting guideline as may be issued by the Commission from time to time; and
- (b) any directions as are reasonable and appropriate for the purposes of this Condition as the Commission may, from time to time, notify to the Licensee.

CONDITION 19 : RESTRICTION OF CHANGES IN SHAREHOLDINGS

1. As at the date of issuance of this Licence, the shareholders and the shareholding structure of the Licensee shall be in accordance to declaration by the Licensee as per the submission for the issuance of Licence.
2. The Licensee hereby undertakes to the Government that the present shareholders and shareholding structure as set out in paragraph 1 remain the same throughout the period of the licence. Any changes to the shareholders and the shareholding structure shall be subject to the prior written approval of the Minister.
3. Notwithstanding paragraph 2 and subject to the prior written approval of the Minister, and the approval of all relevant authorities, the Licensee may apply for its shares to be listed and quoted on the official list of the Kuala Lumpur Stock Exchange (KLSE).

CONDITION 20 : LICENCE IS NON TRANSFERABLE, NON-ASSIGNABLE, ETC

1. The Licensee shall not assign, transfer, sublet or otherwise dispose of its rights, duties, liabilities, obligations and privileges or part thereof under the terms and Conditions of this Licence except with the prior written approval of the Minister.

2. The Licence shall not be transferred, charged, pledged or otherwise encumbered without prior written approval of the Minister.
3. The creation of any charge, mortgages, pledged, lien or other securities over the land used for the Power Station is prohibited without express written consent of the Minister.
4. Any such approval or consent shall be subject to such terms and conditions as the Minister in his absolute discretion may impose.

CONDITION 21 : ACQUISITION AND DISPOSAL OF RELEVANT ASSETS

1. The Licensee shall notify the Commission not less than three (3) months prior written notice of its intention to acquire any relevant asset, dispose of or relinquish control over any relevant asset, with a value in excess of RM 50 million, together with such further information as the Commission may request, relating to such asset or the circumstances of such intended acquisition, disposal or relinquishment of control, including the acquisition and disposal procedures of the Licensee.
2. For purposes of paragraph 1 above, "relinquishment of control" includes the transfer of any operational control of the asset with or without a transfer of any legal or beneficial interests in the relevant asset.
3. The Licensee shall prepare and maintain a register of all relevant assets, and when requested shall provide to the Commission with such register.

CONIDTION 22 : SAFETY AND HEALTH MANAGEMENT

1. In carrying out its business activities, the Licensee shall establish a safety and health management system to ensure effective safety and health management and continual improvement of all reasonable measures to be taken by the Licensee to protect person and property from injury and damage that may be caused by the Licensee's installations, and practices or operation of the Licensee.

2. The Licensee shall submit annually to the Commission, a safety assessment and performance report focusing on, but not limited to the following:
 - (a) safety incidents during the previous financial year;
 - (b) remedial step or measures taken to avoid similar incidents;
 - (c) safety and health management plan in place;
 - (d) competency of personnel;
 - (e) safety of installations and mitigation or remedial plan; and
 - (f) safety related issues that need to be addressed.

CONIDTION 23 : NO RIGHT TO EXTENSION

Nothing in this Licence shall be deemed to entitle the Licensee, as of right to an extension of the period of this Licence or to renewal thereof, provided that the Commission in consultation with the Minister may extend the period of this Licence upon such terms and conditions as the Commission may deem fit to impose.

CONIDTION 24 : INSURANCE

The Licensee shall, throughout the period of this Licence, reasonably insure or keep insured the Power Station against any possible risks and to pay the premiums necessary for that purpose and whenever required by Commission, to produce on demand a true copy of the policy of insurance and requisite evidence of payment of the premiums and other fees and duties for the said policy.

CONIDTION 25 : PAYMENT OF FEES

The Licensee shall, at the times stated hereunder, pay to the Commission the amount of fees as provided for in the Regulations currently in force:

- (a) on the issuance of the Licence; and
- (b) thereafter, an annual fee when due.

CONIDTION 26 : CHANGE IN LAW AND REVIEW OF LICENCE

1. The Commission, with the approval of the Minister may add to, vary or revoke any of terms and Conditions in this Licence whenever it appears necessary or expedient for the purpose of extending Part I of the Licence or meeting the technical, safety and efficiency requirements applied generally to the electricity supply industry in Malaysia.
2. If a new Act or amendment to the Act is enacted, to the extent that necessitate redefining, reorganisation or changes to the business activities of the Licensee specified in the Licence, or changes to the structure of the electricity supply industry, the Licence may be reviewed, amended, modified or reissued to reflect such redefining, reorganisation or changes.

CONIDTION 27 : SUSPENSION OF LICENCE

1. If the Licensee has failed to comply with any directive or order or notice given in writing by the Commission pursuant to Conditions of this Licence or the provision of the Act or if the Licensee has failed to comply with or is in breach of any Condition of this Licence, the Commission may, upon service of written notice to the Licensee request the Licensee to remedy the breach within 90 days.
2. If the breach has not been remedied within the stipulated period, the Commission may, with the approval of the Minister, suspend the Licence and exercise its duties and functions pursuant to Condition 11.
3. In exercising the right under paragraph 2 above, the period of any suspension imposed shall be determined by the Commission, provided always that where the suspension is as a result of the breach of any Conditions of this Licence, the suspension shall cease as soon as the breach has been remedied by the Licensee and the Commission shall certify the same.

PART IV – REVOCATION

1. Notwithstanding paragraph 4 of Part I of this Licence, if the Licensee constitute any of the following circumstances:
 - (a) upon breach of any of the Conditions imposed in this Licence;
 - (b) if the Licensee ceases to work or operate and maintain the installation;
 - (c) if the Power Purchase Agreement is revoked and terminated by TNB;
 - (d) if any amount payable under Condition 25 is unpaid after it has become due whether notice in writing has been given to the Licensee or not;
 - (e) if a receiver or liquidator has been appointed for the Licensee; and
 - (f) if any action was taken for voluntary winding up or dissolution of the Licensee's company or any order pursuant to the Companies Act 1965 is made for the compulsory winding up the Licensee company.

the Commission may allow the Licensee to remedy the non-compliance within 90 days from the date the Licensee received the notice of non-compliance from the Commission. If the non-compliance still persists or cannot be remedied within the time stipulated above, the Commission shall have the full right to revoke the Licence by giving 30 days notice of revocation in writing to the Licensee at its registered office.

2. Where this Licence is revoked pursuant to paragraph 1 above, the Licensee shall not be entitled to any payment of compensation whatsoever from the Government or the Commission for any loss or damage that may have occurred incurred or suffered by him.
3. The determination of this Licence under this Part shall not prejudice or affect the right of the Government or the Commission to recover any sum due there under of any breach, non-performance of any of the Conditions on the part of the Licensee therein contained.
4. Any notice which is required to be given to the Licensee under paragraph 1 above, shall be deemed to have been given if sent by hand or pre-paid post or by facsimile to the Licensee's registered address as lodged in the Registry of Companies.

LICENSEE'S AREA OF SUPPLY

The Licensee's area of supply shall comprise the area within the boundary of [REDACTED]
[REDACTED]
[REDACTED] as shown in 'Attachment 1':

LAMPIRAN 6

CONTOH LESEN AWAM (RE)
(tertakluk kepada perubahan)

ELECTRICITY SUPPLY ACT 1990
LICENCE FOR GENERATION AND SUPPLY OF ELECTRICITY

PART I - TERMS OF LICENCE

1. The Energy Commission, with the approval of the Minister of Energy, Green Technology and Water, in exercise of the powers conferred by section 9 of the Electricity Supply Act, 1990 (hereinafter referred to as "the Act") and of all other powers exercisable by it for that purpose, hereby grants to [REDACTED] a company incorporated under the Companies Act, 1965, having its registered office at [REDACTED] (hereinafter referred to as "the Licensee"), a licence for the period specified in paragraph 2, subject to the terms in this Part and Conditions set out in Part II of this Licence (hereinafter referred to as "the Conditions"), the Act and to any Regulations made or which may be made under the Act and to revocation as provided for in paragraph 2 and in Part III, to use, work or operate any electrical installation to be constructed by or for the Licensee at [REDACTED], more particularly shown in the Location / Site Plan attached as Annex A (hereinafter referred to as the "generating facility"), and to supply electricity to and for the use of (e.g. Tenaga Nasional Berhad), a company incorporated under the Companies Act 1965, having its registered office at [REDACTED] (hereinafter referred to as "TNB") and/or to any other person permitted by the Energy Commission with the approval of the Minister in writing (hereinafter referred to as "Buyer").

2. This Licence shall come into force from the date of issue and shall expire [REDACTED] thereafter, but without prejudice to Part II shall be subject to revocation as provided for in Part III.

(DATUK IR AHMAD FAUZI BIN HASAN)
Chief Executive Officer
Energy Commission

Dated :

PART II - THE CONDITIONS

CONDITION 1: INTERPRETATION AND CONSTRUCTION

1. Unless the contrary intention appears, words and expressions used in the Conditions shall be construed as if they were an Act of Parliament, and references to an enactment shall include any statutory modification or re-enactment thereof after the date when this Licence comes into force.
2. Nothing in this Licence shall in any way affect the powers of the Energy Commission under the Act and any purported detraction or derogation of such powers shall have no force or effect.
3. Any word or expression defined for the purpose of Part I of the Act shall, unless the contrary intention appears, have the same meaning when used in the Conditions and Part III.
4. Where a time limit is stipulated, the Licensee shall comply with the obligation within the time limit and that obligation shall be deemed to continue after that time limit if the Licensee fails to comply with that obligation within that time limit. However, the Energy Commission may, after an application by the Licensee, extend the time limit as he deems fit.
5. Any reference to a numbered Condition is a reference to the Condition bearing that number in this Licence and any reference to a numbered paragraph is a reference to the paragraph bearing that number in the Condition in which the reference occurs.
6. In construing the Conditions, the heading or title of any Condition shall be disregarded.
7. Any reference to "person" in this Licence, shall be deemed to include natural and legal person.

8. In the Conditions and Part III of this Licence unless the context otherwise requires:

"Act" means the Electricity Supply Act 1990, as it may from time to time be amended, extended, modified or re-enacted;

"affiliate" in relation to the Licensee means any holding company or subsidiary of the Licensee or any subsidiary of a holding company of the Licensee, related to the Licensee's core business of generation and supply of electricity within the meaning of the Companies Act 1965;

"auditors" means the Licensee's auditors, for the time being holding office in accordance with the requirements of the Companies Act 1965;

"Buyer" means TNB or any other person permitted by the Commission with the approval of the Minister in writing for the Licensee to sell or supply energy.

"Commission" means the Energy Commission established under the Energy Commission Act 2001;

"Director General of Environmental Quality" means the Director General of Environmental Quality appointed under Section 3 of the Environmental Quality Act 1974 and includes his Deputy or officer authorised by him;

"disposal" includes any sale, gift, lease, licence, loan, mortgage, charge or the grant of any encumbrance or the permitting of any

	encumbrance to subsist or any other disposition to a third party, including the affiliate;
"distribution code"	means any code or similar Regulations made under the Act relating to the planning, design operation and maintenance of an electricity distribution system in Malaysia, as the same may be amended from time to time;
"Financial Year"	bears the meaning given in paragraph 1 of Condition 15;
"generating facility"	means an installation producing electricity;
"Renewable Energy Power Purchase Agreement"	means a renewable energy power purchase agreement made or to be made between the Licensee and Distribution Licensee as the same may be amended, modified or notated from time to time;
"Regulations"	means the Electricity Regulations 1994 and any Regulations made or which may be made under the Act, as it may from time to time be amended, extended, modified or re-enacted;
"relevant assets"	means any asset for the time being forming part of the Licensee's generation business and any beneficial interest in land upon which the foregoing is situated;
"renewable energy sources"	means energy sources which is not depleted when used and includes energy obtained from energy sources such as biomass, hydro power, solar power, biogas or wind power;

“Renewable Energy Sources Supply Agreement” means the renewable energy sources supply agreement made or to be made between the Licensee and the relevant supplier for the supply of renewable energy sources to the Licensee for the operation of the generating facility as the same may be amended, modified or novated from time to time;

CONDITION 2: OBLIGATIONS OF THE LICENSEE

1. The Licensee is to finance, construct, complete, own, operate and maintain a generating facility using renewable energy sources as fuel with nominal installation capacity of [REDACTED] MW at [REDACTED] and any distribution and/or interconnection facilities as shown in the Location / Site Plan as Annex A, in order to supply electricity to or for the use of the Buyer.
2. The Licensee shall not, at any time supply electricity to any person other than TNB provided that the Commission may with the approval of the Minister in writing, permit the Licensee to distribute and supply electricity to such person.

CONDITION 3: NOTIFICATION OF THE ROUTE OF THE DISTRIBUTION AND/OR INTERCONNECTION SYSTEM

1. The Licensee shall notify the Commission the route of the distribution and/or interconnection system, including any subsequent modification or extension, required to be constructed by the Licensee in order to supply electricity to the Buyer.
2. The Licensee shall, within three (3) months after this Licence enters into force, submit to the Commission and the relevant authorities, a map and schematic diagram showing the route and the main components of the distribution and/or interconnection system.

**CONDITION 4: CONSTRUCTION, SUPERVISION, QUALITY ASSURANCE
INSPECTION AND PERFORMANCE TESTS**

1. All designs, plans, drawings and specifications shall be approved by suitably qualified and experienced engineer(s) registered as Professional Engineer(s) with the Board of Engineers, Malaysia (hereinafter referred to as “the plan and specification”).
2. No substantial amendment and modification shall be made to the plan and specification unless such amendment and modification shall have been approved by the said engineer(s) in paragraph 1.
3. A certified copy of the designs, plans and specifications including any subsequent approved amendments and modifications, shall be submitted to the Commission within one (1) month upon request.
4. The construction, installation, testing and commissioning works shall be supervised and approved by suitably qualified and experienced engineer(s) registered as Professional Engineer(s) with the Board of Engineers, Malaysia and shall comply with:
 - (a) the plan and specification as mentioned in paragraph 1 and including any subsequent approved amendments and modifications;
 - (b) Malaysian Standards or any acceptable international standard and prudent utility practices;
 - (c) the requirements and measures for environmental protection and mitigation of adverse environmental impact (if any) imposed by the Director General of Environmental Quality; and
 - (d) such other requirements imposed by any other written laws relating to the construction and installation of the generating facility.

5. The Licensee, its contractors, subcontractors, servants, agent or workmen shall at all times comply with such direction given by the Commission or any person duly authorised by him pertaining to any matters concerning the construction, installation, testing, commissioning, operation and maintenance, safety and efficiency of the installations.
6. The Licensee shall set up its own quality control and quality assurance team consisting of suitably qualified personnel to ensure that the design, the materials used, the equipment and the plants installed, the technology, methods and procedures adopted for fabrication, installation, construction, testing and commissioning of the installation are in accordance to good engineering practices and of quality and standard as stipulated in the plan and specification.
7. The Licensee shall notify the Commission not later than thirty (30) days or such other period as may be required by the Commission before any major equipment, plant, system or structure such as generating unit, power transformer and switchgear, including materials used for the fabrication and construction, is ready for quality assurance inspection and performance tests.
8. The Commission may conduct or cause to be conducted any quality assurance inspection and performance tests as mentioned in paragraph 6 above if he deems necessary. All costs, expenses and incidental incurred by the Commission or any other person appointed or authorised by him for the said inspections and tests shall be borne by the Licensee.

**CONDITION 5: INSTALLATION CAPACITY, BUILD-UP PERIOD,
COMMISSIONING AND DATE OF COMPLETION**

1. The Licensee shall ensure that the generating facility shall have a nominal installation capacity as mentioned in Condition 2.

2. The generating facility shall be completed and successfully commissioned not later than [REDACTED], or within such extended period as in the Feed-in Approval pursuant to Renewable Energy Act 2011.
3. Without prejudice to paragraph 2 above, the generating facility shall be regarded as completed and ready to supply electricity upon the Licensee certifies that the same has been duly constructed, installed, set, calibrated and tested in accordance with the plan and specification referred to in Condition 4 above and with the provisions of the other conditions of this Licence and in compliance with all statutory requirements and, if so required, that the same shall have passed all the inspections, tests and certification on compliance carried out or caused to be carried out by the Commission. All costs, expenses, fees and incidental incurred by the Commission for the said inspections, tests and certification shall be borne by the Licensee.
4. The Licensee shall notify the Commission in writing at least thirty (30) days prior to the date the inspections and tests as mentioned in paragraph 3 above can be carried out.
5. After successful commissioning of the generating facility, the Licensee shall submit to the Commission, within one (1) month upon request, a full report of the commissioning tests, detail of the settings of the major equipment and relays and a complete set of the built-up designs, plans and specifications of the installation, showing precisely the extent of the variation and divergence if any, from the plan and specification referred to in Condition 4 above.

**CONDITION 6 : **STANDARD OF PERFORMANCE AND SYSTEM
SECURITY****

1. Without prejudice to the Renewable Energy Power Purchase Agreement, the Licensee shall maintain the capacity referred to in Condition 2 above to meet the capacity and energy demand of the Buyer approved under the Licence unless he is prevented from doing so by complying with regulatory requirements or the malfunction or failure of any plant, equipment or

installation beyond his control, or as result of fire, flood, drought, landslide, earthquake, explosion, accident, industrial disturbance on national level, emergency, riot, civil disturbance, war, or any other similar event not within the control of the Licensee.

2. The Licensee shall ensure that the operations of the generating facility is to continue uninterrupted notwithstanding arbitration, contractual or industrial dispute which the Licensee may be engaged in except where it is prevented from doing so in the circumstances mentioned in paragraph 1 above.

CONDITION 7: VOLTAGE, FREQUENCY AND QUALITY OF SUPPLY

The voltage, frequency and quality of electricity supplied shall be kept within a range specified in the Regulations and distribution code or as determined by the Commission.

CONDITION 8: OPERATION AND MAINTENANCE OF THE GENERATING FACILITY

1. The generating facility shall be operated and maintained by the Licensee throughout the period of this Licence, solely for the purpose of supplying electricity to TNB and/or any other person permitted by the Commission and approved by the Minister in writing.
2. The Licensee shall, throughout the period of this Licence, operate and maintain the generating facility to ensure that the safety, security, reliability, availability and efficiency of the installation are in accordance with prudent utility practices and in conformity with the Act and the Regulations made thereunder or such other standards or requirements determined by the Commission.

CONDITION 9: COMPLIANCE WITH DISTRIBUTION CODE AND INSTRUCTIONS OF THE DISTRIBUTION SYSTEM OPERATOR

1. In so far as it may affect the operation and performance of the distribution system, the Licensee shall :-
 - (a) comply with the provisions of the distribution code as it may be amended, extended or modified by the Commission and in accordance with such directive and ruling made from time to time by the Commission; and
 - (b) comply, at all time, with the instructions, directives and guidelines of the person who operates the distribution system to ensure the safety, security and reliability of the distribution system.
2. Under emergency conditions of the distribution system, the Licensee shall provide every facility to assist in maintaining and/or restoring the safety, security and reliability of the distribution system.

CONDITION 10: COMPLIANCE WITH ENVIRONMENTAL PROTECTION MEASURES

1. The Licensee shall throughout the period of this Licence, observe and comply with the provisions of any written law for the time being in force in relation to environmental protection and to mitigate any adverse impact which the Power Station may have on the environment.
2. The Licensee shall comply with and implement all measures, conditions and requirements imposed by the Director General of Environmental Quality and/or other relevant authorities when approving the Licensee's environmental impact assessment report (EIA Report) for the construction and operation of the generating facility for protection of the environment throughout the period of this Licence.

3. The Licensee shall submit to the Director General of Environmental Quality and/or other relevant authorities from time to time or on such periodical intervals as may be directed by him, a report on all the environmental protection measures and requirements undertaken by the Licensee.

CONDITION 11: OBLIGATION ON ECONOMIC PURCHASE

1. The Licensee shall ensure that the purchase of renewable energy sources, supplies, equipment and services to be from the most economical sources available.
2. The Licensee shall at any time upon request by the Commission furnish a report containing details of:
 - (a) prices for the purchase of renewable energy sources, supplies, equipment and services referred to in paragraph 1; and
 - (b) factors justifying the prices offered by the Licensee in making available of such renewable energy sources, supplies, equipment and services to the Buyer or any other person.

CONDITION 12: OBLIGATION ON GOVERNMENT POLICIES

1. The Licensee shall, in the general conduct of its business and the operation of the generating facility, comply with the policies of the Government in the production, supply and use of electricity and in the promotion of competition in the electricity supply industry.
2. The Licensee shall at all times take cognisance of the Government's policies, the transfer of technology and expertise to Malaysian, the employment of local personnel, contractors and services and the use of local materials and products.

CONDITION 13: RIGHT OF ENTRY

The Commission, or any other person duly authorised by the Commission, shall be entitled to enter any premises or land in or upon which the generating facility is installed or in the course of being installed and may examine, test, survey or take measurement of the generating facility and inspect any record and document kept by the Licensee pertaining thereto, to ensure compliance with the Conditions of this Licence.

CONDITION 14: PROVISION OF INFORMATION TO THE COMMISSION

1. The Licensee shall submit to the Commission at monthly interval, information on the maximum daily load, energy sold per month, overall plant efficiency and performance, quantity of renewable energy sources used per month, accidents, breakdown of major plants or equipment, forced and mandatory outages and schedule of maintenance and overhaul programme.
2. Notwithstanding paragraph 1 above, the Licensee shall furnish to the Commission in such manner and at such times as the Commission may reasonably require, such documents, accounts, estimates, returns, reports and other information as the Commission may consider necessary in the light of the Conditions or as he may require for the purpose of performing the duties and functions assigned or transferred to him under the Act or any Regulations made thereunder.
3. The Licensee shall submit to the Commission the following informations:
 - (a) within three (3) months after this Licence enters into force, a copy of the Renewable Energy Power Purchase Agreement and Renewable Energy Sources Supply Agreement and any subsequent amendment, modification, rectification or novation of the said agreement;
 - (b) within three(3) months after this Licence enters into force, details of financial arrangements and construction programmes of the generating

facility and any subsequent amendment, modification or rectification of the said agreement and programmes; and

- (c) reports at regular intervals on the status and progress of the said generating facility during its stages of construction.

CONDITION 15: SEPARATE ACCOUNT FOR BUSINESS UNDER THE LICENCE

1. Within three (3) months after issuance of the Licence, the Licensee shall inform the Commission the commencement date of each Financial Year.
2. The Licensee shall keep or cause to be kept such accounting records in respect of its business under the Licence required under the Companies Act 1965 so that the revenues, costs, assets, liabilities and reserves are identifiable in the books of the Licensee.
3. The Licensee shall prepare in respect of its business under the Licence commencing on the 1st Financial Year and each subsequent Financial Year, an accounting statements comprising a profit and loss account, a balance sheet and statements of source and application of funds in respect of the business under the Licence.
4. The Licensee shall appoint approved auditors to audit its accounts and the auditors shall prepare a report stating whether in their opinion those statements have been properly prepared in accordance with this Condition and give a true and fair view of the revenues, costs, assets, liabilities, reserves and financial transactions reasonably attributable to the business under the Licence to which the statements relate.
5. The Licensee shall deliver to the Commission a copy of the account referred to in paragraphs 3 and 4 above as soon as reasonably practicable, upon request.

CONDITION 16: RESTRICTION OF CHANGES IN SHAREHOLDINGS

1. The shareholders and shareholding structure of the Licensee shall be in accordance to the particulars stated in FORM 24 – Return of Allotment of Shares, Companies Act, 1965 attached as Annex B.
2. The Licensee shall undertake to the Government that the present shareholders and shareholding structure as set out in paragraph 1 remain the same within a period of two (2) years from the date of successful commissioning of the generating facility. Any changes to the shareholders and the shareholding structure shall be subject to the prior written approval of the Minister.
3. Notwithstanding paragraph 2 and subject to the prior written approval of the Minister, and the approval of all relevant authorities, the Licensee may apply for its shares to be listed and quoted on the official list of the Kuala Lumpur Stock Exchange (KLSE).

CONDITION 17: ACQUISITION AND DISPOSAL OF RELEVANT ASSETS

1. The Licensee shall give the Commission not less than two (2) months prior written notice of its intention to acquire or relinquish control over any asset with a value in excess of RM 10.0 million, relevant to the generating facility together with such further information as the Commission may request, relating to such asset or the circumstances of such intended acquisition, disposal or relinquishment of control.
2. For purposes of paragraph 1 above, "relinquishment of control" includes the transfer of any operational control of the asset with or without a transfer of any legal or beneficial interests in the relevant asset.
3. The Commission shall be furnished with details of the relevant assets, acquisition and disposal procedures of the Licensee.

CONDITION 18: LICENCE IS NON-TRANSFERABLE, NON-ASSIGNABLE ETC.

1. The creation of any charge, mortgages, pledges, lien or other securities over the land used for the generating facility is prohibited without express written consent of the Minister.
2. Any such approval or consent shall be subject to such terms and conditions as the Minister in his absolute discretion may impose.

CONDITION 19: NO RIGHT OF EXTENSION

Nothing in this Licence shall be deemed to entitle the Licensee, as of right to an extension of the term of this Licence or to renewal thereof, provided that the Commission in consultation with the Minister may extend the period of this Licence upon such terms and conditions as he may deem fit to impose.

CONDITION 20: INSURANCE

The Licensee shall, throughout the period of this Licence, reasonably insure or keep insured the generating facility against any possible risks and to pay the premiums necessary for that purpose and whenever required by Commission, to produce on demand a true copy of the policy of insurance and requisite evidence of payment of the premiums and other fees and duties for the said policy.

CONDITION 21: PAYMENT OF FEES

The Licensee shall, at the times stated hereunder, pay to the Commission the amount of fees as provided for in the Regulations currently in force:

- (a) on the issuance of the Licence; and
- (b) thereafter, an annual fee when due.

CONDITION 22: COMPLIANCE WITH LAWS

1. The Licensee shall ensure that it complies at all times with the provision of the applicable laws of Malaysia in particular with the provision of the Act and Regulations.
2. The breach of any law, including the breach of any provision of the Act or any subsidiary legislation made thereunder shall be deemed to be a breach of the terms and conditions of the Licence.
3. The Licensee shall apply for and obtain all necessary licence, permit or approval that is required under any other written law for the time being in force for the implementation, operation and maintenance of the generating facility or any part thereof.

CONDITION 23: REVIEW

The Commission, with the approval of the Minister may add to, vary or revoke any of the terms and Conditions in this Licence whenever it appears necessary or expedient for the purpose of extending Part I of the Licence or meeting the technical, safety and efficiency requirements applied generally to the electricity supply industry in Malaysia.

CONDITION 24: SUSPENSION OF LICENCE

1. The Commission may, upon service of written notice to the Licensee, suspend this Licence upon the occurrence of the following events:
 - (a) if the Licensee has failed to comply with or is in breach of any Condition of this Licence, and has failed or neglected to remedy the same after the licensee has been requested to do so by the Commission; or
 - (b) if the Licensee has failed to comply with any directive or order or notice given in writing pursuant to Conditions of this Licence by the Commission; or

- (c) if the Licensee has breach the provision of the Renewable Energy Power Purchase Agreement entered into with TNB and has failed to remedy such breach despite notice from TNB to remedy the same.
- 2. When this Licence is suspended pursuant to paragraph 1 above:
 - (a) the Commission, with the approval of the Minister, may appoint TNB and/or such other person as may be appointed by him, to carry out, discharge, assume or perform any of the obligations, duties and responsibilities imposed under this Licence on the Licensee, and to receive such payments, benefits or privileges which the Licensee is entitled under this Licence to receive or to enjoy;
 - (b) the Licensee shall not be entitled to any payment or compensation from the Government for any loss or damage that may have occurred, incurred or suffered by the Licensee; and
 - (c) the Licensee, its agents, servants or workmen shall render all necessary assistance and cooperation to TNB and/or such person appointed by the Commission.
- 3. In exercising the right under paragraph 2 above, the Commission shall have regard to the rights of TNB under the Renewable Energy Power Purchase Agreement.
- 4. The period of any suspension imposed shall be determined by the Commission, provided always that where the suspension is as a result of the breach of any Conditions of this Licence, the suspension shall cease as soon as the breach has been remedied by the Licensee and the Commission shall certify the same.

PART III - REVOCATION

1. Notwithstanding paragraph 2 of Part I of this Licence, the Commission may at any time revoke this Licence by giving not less than thirty (30) days notice in writing to the Licensee at its registered office in any of the following circumstances:
 - (a) upon breach of any of the Conditions imposed in this Licence;
 - (b) if the Licensee ceases to work or operate the generating facility;
 - (c) if any amount payable under Condition 21 is unpaid after it has become due whether notice in writing has been given to the Licensee or not;
 - (d) if a receiver or liquidator has been appointed for the Licensee;
 - (e) If any action taken for voluntary winding up or dissolution of the Licensee's company or any order pursuant to the Companies Act 1965 is made for the compulsory winding up the Licensee's company;
 - (f) if the Renewable Energy Power Purchase Agreement has expired or is revoked and terminated;
 - (g) if the generating units are not completed on or before the date as mentioned in paragraph 2 of Condition 5 or within such extended period as may be allowed in writing by the Commission;
2. Where this Licence is revoked pursuant to paragraph 1 above, the Licensee shall not be entitled to any payment of compensation whatsoever from the Government and / or the Commission for any loss or damage that may have occurred, incurred or suffered by him;

3. The determination of this Licence under this Part shall not prejudice or affect the right of the Government and / or the Commission to recover any sum due thereunder of any breach, non-performance of any of the Conditions on the part of the Licensee therein contained.

4. Any notice which is required to be given to the Licensee under paragraph 1 above, shall be deemed to have been given if sent by hand or pre-paid post or by facsimile to the Licensee's registered address as lodged in the Registry of Companies.

The Generating Facility
(Location Plan)

The location plan of [REDACTED]
[REDACTED] is shown in
Attachment 1.

LAMPIRAN 7

CONTOH LESEN AWAM (PENGAGIHAN)

(tertakluk kepada perubahan)

**LICENCE GRANTED TO [REDACTED]
UNDER THE ELECTRICITY SUPPLY ACT 1990**

PART I – TERMS OF LICENCE

1. The Energy Commission, with the approval of the Minister of Energy, Green Technology and Water, in exercise of the powers conferred by section 9 of the Electricity Supply Act, 1990 (hereinafter referred to as "the Act") and of all other powers exercisable by it for that purpose, hereby grants to [REDACTED], a body incorporated under section 25 of the Act and the constitution of the Malaya University, having its registered office at [REDACTED] [REDACTED] (hereinafter referred to as "the Licensee"), a licence for the period specified in paragraph 2, subject to the terms in this Part and Conditions set out in Part II (hereinafter referred to as "the Conditions"), the Act and to any Regulations made or which may be made under the Act and to revocation as provided for in Part III, to use, work or operate any installation of electrical distribution facilities at [REDACTED] [REDACTED] [REDACTED] (hereinafter referred to as the "area of supply") and to supply electricity to or for the use of any person in the area of supply as specified in Annex A.

2. This Licence shall enter into force on the date set out below and shall be of **ten (10) years** duration but, without prejudice to Part III of this Licence, shall be subject to revocation.

(DATUK IR AHMAD FAUZI BIN HASAN)
Chief Executive Officer
Energy Commission

Dated :

PART II – THE CONDITIONS

CONDITION 1 : INTERPRETATION AND CONSTRUCTION

1. Unless the contrary intention appears, words and expressions used in this Licence shall be construed as if they were an Act of Parliament and the Interpretation Acts 1948 and 1967 applied to them and references to an enactment shall include any statutory modification or re-enactment thereof after the date when this Licence comes into force.
2. Nothing in this Licence shall in any way affect the powers of the Commission under the Act and any purported detracting or derogation of such powers shall have no force or effect.
3. Any word or expression defined for the purpose of Part I of the Act shall, unless the contrary intention appears, have the same meaning when used in the Conditions and Part III.
4. Where a time limit is stipulated, the Licensee shall comply with the obligation within the time limit and that obligation shall continue to be binding and enforceable if the Licensee fails to comply with that obligation within that time limit. However, the Commission may, upon request for an extension of such time in writing by the Licensee, grant such extension of time as it deems fit.
5. Any reference to a numbered Condition is a reference to the Condition bearing that number in this Licence and any reference to a numbered paragraph is a reference to the paragraph bearing that number in the Condition in which the reference occurs.
6. In construing the Conditions, the heading or title of any Condition shall be disregarded.

7. Any reference to "person" in this Licence shall be deemed to include natural and legal person.
8. In the Conditions and in Part III, unless otherwise specified or the context otherwise requires:

"Act" means the Electricity Supply Act 1990, as it may from time to time be amended, extended, modified or re-enacted;

"affiliate" in relation to the Licensee means any holding company or any subsidiary company of the Licensee or any subsidiary of a holding company of the Licensee, related to the core business of the Licensee within the meaning of the Companies Act 1965;

"area of supply" means the area referred to in Annex A of this Licence within which any activity authorised by this Licence is allowed;

"Auditors" means the Licensee's auditors, for the time being holding office in accordance with the requirements of the Companies Act 1965;

"bulk purchase agreement" means an agreement for the purchase of bulk supply of electricity made or to be made between the Licensee and **TNB** or any other person authorised by the Commission and granted with a licence under section 9 of the Act as the same may be amended, modified or novated from time to time;

"Commission" means the Energy Commission established under the Energy Commission Act 2001;

“consumer”	means any person who is supplied or whose premises are for the time being connected for the purposes of supply of electricity by the Licensee in the area of supply;
"distribution code"	means any code or similar Regulations made under the Act which consists a set of technical rules and procedures that facilitate coordinated planning, design, development, operation and maintenance of an electricity distribution system in Malaysia, as the same may be amended from time to time;
“facility”	means the whole or any part of the installation which the Licensee is licensed to use, work or operate;
“Licensed Business”	means the business of distribution and retail supply of electricity in the area of supply as authorised under this Licence;
“Other Business”	means business or activities of the Licensee other than the Licensed Business;
"Regulations"	means the Licensee Supply Regulations 1990 [P.U.(A)384/90] and any Regulations made or which may be made under the Act, as it may from time to time be amended, extended, modified or re-enacted;
“related undertaking”	means any undertaking in which the Licensee has a controlling stake;
“relevant assets”	means any asset for the time being forming part of the Licensed Business and any beneficial interest in land upon which the foregoing is situated; and

“TNB” means Tenaga Nasional Berhad, a limited company incorporated under the Companies Act 1965, having its registered office at No. 129, Jalan Bangsar, 59200 Kuala Lumpur including its successors in-title or permitted assigns.

CONDITION 2 : OBLIGATIONS OF THE LICENSEE AND AREA OF SUPPLY

1. The Licensee shall secure a supply of electricity up to ■■■ kW inclusive of its ancillary services in order to use electricity and supply electricity to any person in the area of supply as specified in Annex A of this Licence. Any change to the maximum capacity of supply specified in this paragraph shall be subject to the prior approval of the Commission.
2. The Licensee shall not supply electricity to any person other than the persons in the area of supply mentioned in paragraph 1 above, provided that the Commission may with the approval of the Minister in writing permit the Licensee to supply electricity to such persons.
3. Subject to the provision of the Act and the terms and the Conditions of this Licence, the Licensee shall on the application of the owner or the occupier of any premises within the area of supply, provide connection to the consumer for the purpose of providing a supply of electricity to those premises, including the installing any cables and equipments.

CONDITION 3 : STANDARD OF PERFORMANCE IN RESPECT OF ELECTRICITY SUPPLY

1. The Licensee shall ensure the capacity of the facility is adequate to meet the capacity and electricity demand of the consumer approved under this Licence unless he is prevented from doing so by complying with regulatory

requirements or the malfunction or failure of any equipment or installation beyond his control, or as result of fire, flood, drought, landslide, earthquake, explosion, accident, industrial disturbance on national level, emergency, riot, civil disturbance, war, or any other similar event not within the control of the Licensee.

2. The Licensee shall plan, use, work, operate and maintain the facility according to prudent utility practices to ensure that the supply to the consumer is continuous, safe and reliable and of acceptable quality.
3. The Licensee shall ensure that the supply of electricity to continue uninterrupted notwithstanding arbitration, contractual or industrial dispute which the Licensee may be engaged in except where it is prevented from doing so in the circumstances mentioned in paragraph 1 above.

**CONDITION 4 : PROHIBITION OF UNDUE PREFERENCE, OR
DISCRIMINATION AND SUBSIDIES**

1. In the conduct of the Licensed Business, the Licensee shall not show undue preference or discrimination as among consumers or persons similarly situated in the area of supply having regard to the place and time of supply, the quantity of electricity supplied, the characteristic of the land, and the purpose for which the supply is taken.
2. The Licensee shall not without prior written approval of the Commission, give any subsidy or subvention to, or receive any subsidy or subvention from any Other Business of the Licensee or an affiliate or related undertaking.
3. The Licensee shall furnish to the Commission such information as it may request, from time to time, for the purposes of ensuring compliance with this Condition.

4. For the purpose of this Condition, “subsidy” includes any allowance or assistance in the form of money or otherwise including any manner of assistance which can be extended by way of transfer of pricing.

CONDITION 5 : **CONTRACTS WITH CONSUMERS**

1. The Licensee shall not enter into a contract for the supply of electricity with consumer in the area of supply unless the terms and conditions are consistent with matters referred to in the Act or the Regulations.
2. The Licensee shall not enter into any contract for the supply of electricity with any consumers in the area of supply at a tariff which is different to a tariff offered by the Licensee in accordance with its obligation under Condition 6 unless the consumer requires the supply of electricity pursuant to a special agreement with the Licensee on such terms as may be specified in the agreement.

CONDITION 6 : **RESTRICTION ON ELECTRICITY PRICES TO CONSUMERS**

1. The Licensee shall not offer to supply and sell electricity to consumers in the area of supply at a tariff that is higher than to a tariff applicable to the same category of consumers of **TNB** approved by the Minister pursuant to section 26 of the Act.
2. Notwithstanding paragraph 1 above, the Licensee may review the tariff offered to the consumer subject to:
 - [a] the maximum tariff reviewed shall not exceed the tariff applicable to the same category of consumers of **TNB** at the material time and the said tariff is approved by the Minister pursuant to section 26 of the Act; and

- [b] the Commission may fix the maximum prices at which the electricity may be resold pursuant to section 31 of the Act.
3. Any charge which is not included in or does not form part of the tariff mentioned in paragraph 1 above, imposed by the Licensee for the supply and sale of electricity to the consumers in the area of supply, including principles in determining such charge, shall be approved by the Commission.

CONDITION 7 : CODES OF PRACTICE FOR SUPPLY OF ELECTRICITY AND PAYMENT OF BILLS

1. Licensee shall, within three (3) months after this Licence enters into force, prepare and submit to and for the approval of the Commission:
- [a] a Code of Practice describing the nature of services available to consumers in relation to electricity supplied by the Licensee; and
- [b] a Code of Practice concerning the payment of electricity bills by its consumers and including appropriate guidance for assistance of such consumers who may have difficulty in paying such bills, and procedures for disconnecting consumers for non payment.
2. In granting the approval, the Commission may make such modifications, as it considers necessary.
3. The Commission may, upon receiving a representation or otherwise, require the Licensee to review the Codes of Practice prepared in accordance with paragraph 1 and the manner in which its is implemented with a view to determine whether any modifications should be made to it or to the manner of its implementation.

4. The Licensee shall:
 - [a] draw the attention of the consumers, in such manner as the Commission may direct, the existence of each code and each any revision of it and how they may inspect or obtain a copy of each code in its latest form;
 - [b] send a copy of each code and any revision of either of them to the Commission; and
 - [c] make a copy of each code, revised from time to time, available for inspection by consumers during the normal working hours.

CONDITION 8 : **METERING OF ELECTRICITY**

1. The Licensee shall provide and install such meters on the consumer's premises as it considers necessary for the measurement of the supply of electricity to a consumer
2. The meter shall be provided by the Licensee, whether by way of sale, hire or loan to the consumer and the meter's installed location shall be visible and accessible for the Licensee's inspection or any other authorized action.
3. Every electricity meter shall be tested, calibrated and verified in accordance with subsidiary legislation, code or guideline made under the Act
4. Once verified by the Commission, a meter may remain in service for a period of 10 years or any such period as approved by the Commission, except where the meter is suspected to be malfunctioning.

CONDITION 9 : COMPLAINT HANDLING PROCEDURE

1. Subject to paragraph 3, the Licensee shall within three (3) months after this Licence enters into force and with the approval of the Commission, establish a procedure for handling complaints from consumers about the manner in which the Licensee conducts its business.
2. The Licensee shall, whenever requested to do so by the Commission, review the complaint handling procedure prepared in accordance with paragraph 1 above, and the manner in which that procedure has been operated, with the view to determining whether any modifications should be made to it or to the manner of its operation.
3. In establishing a procedure in accordance with paragraph 1, and in carrying out any review under paragraph 2, the Licensee shall have regard to any representation made about the procedure or the manner in which it is likely to be, (or as the case may be), has been operated.
4. Any procedure shall specify the periods within which it is intended that different description of complaint should be processed and resolved.
5. The Licensee shall:
 - [a] draw the attention of the consumers, in such manner as the Commission may direct, the existence of the complaint handling procedure and each revision of it and how the consumers may inspect or obtain copies of such procedure in its latest form;
 - [b] make a copy of its complaint handling procedure, revised from time to time, available for inspections by consumers at the relevant office of the Licensee during the normal working hours; and

- [c] provide free of charge a copy of the complaint handling procedure revised from time to time to each new consumer, and to any other person who request for it at a price not exceeding the reasonable cost of duplicating it.

CONDITION 10 : VOLTAGE, FREQUENCY AND VARIATIONS OF SUPPLY AND VARIATION PERMITTED

1. The voltage of supply shall be 230 volts single phase or 400 volts three phase with variation not exceeding + 10% to -6% or any voltage and variations according to the standard determined by the commission.
2. The frequency of supply shall be 50Hz \pm 1%.

CONDITION 11 : COMPLIANCE WITH DISTRIBUTION CODE AND COMPLIANCE WITH THE DISTRIBUTION SYSTEM OPERATOR

1. In so far as it may affect the operation and performance of the distribution system, the Licensee shall:
 - [a] comply with the provisions of the distribution code as it may be amended, extended or modified by the Commission and in accordance with such directive and ruling made from time to time by the Commission; and
 - [b] comply at all time, with the instructions, directives and guidelines of the person who operates the distribution system to ensure the safety, security and reliability of the distribution system.

2. Under emergency conditions of the distribution system, the Licensee shall provide every facility to assist in maintaining and/or restoring the safety, security and reliability of the distribution system.

CONDITION 12 : RIGHT OF ENTRY

The Commission, or any other person duly authorised by the Commission, shall be entitled to enter any premises or land in or upon which the facility is installed or in the course of being installed and may examine, test, survey or take measurement of the installation and inspect any record and document kept by the Licensee pertaining thereto, to ensure compliance with the Conditions of this Licence.

CONDITION 13 : SEPARATE ACCOUNT FOR BUSINESS UNDER THE LICENCE

1. Within three (3) months after grant of this Licence, the Licensee shall inform the Commission the commencement date of its Financial Year.
2. The Licensee shall in respect of its Licensed Business or any Other Business which it carries on:
 - [a] keep proper books of account and records in such a form that the revenues, costs, assets, liabilities, reserves and provisions of, or reasonably attributable to the Licensed Business are separately identifiable in the books of Licensee (and any affiliate or related undertaking of the Licensee), from those of Other Business in which the Licensee may be engaged; and
 - [b] prepare on a consistent basis from its accounting records in respect of the Financial Year commencing on the first year this Licence enters into force and each subsequent Financial Year, accounting statements

comprising a profit and loss account, a balance sheet and a cash flow statement, together with the notes thereto, and such other particulars and details showing separately in respect of each such business and in appropriate detail the amounts of any revenue, cost, assets, liability, reserve or provision which has been either:

[i] charged from the Licensed Business to any Other Business or vice versa together with a description of the basis of that charge; or

[ii] determined the apportionment or allocation between the Licensed Business and any Other Business of the Licensee together with a description of the basis of apportionment or allocation; and

[c] procure in respect of accounting statement prepared in accordance with this Condition in respect for each Financial Year, a report by the Auditors and addressed to the Commission stating whether in their opinion those statements are adequate for the purpose of, and comply with, this Condition and give a true and fair view of the revenues, costs, assets, liabilities, reserves or provisions of, or reasonably attributable to such businesses to which the statements relate.

3. The Licensee shall deliver to the Commission a copy of the account and Auditor's reports referred to in paragraphs 2 above as soon as reasonably practicable, and in any event not later than three (3) months after the end of each Financial Year.

4. References in this Condition to costs or liabilities of, or reasonably attributable to Licensed Business or Other Business shall be construed as excluding taxation, capital liabilities which do not relate principally to such businesses an interest thereon; and references to any accounting statement shall be construed accordingly.

CONDITION 14 : CONSUMER DEPOSIT

1. The Licensee shall create an account for deposits paid by consumers and shall keep such accounts separate from all other accounts in the operation of the Licensee. For all intents and purposes such accounts of consumers deposit are held on trust by the Licensee for the consumers.
2. Where the Licensee has collected the deposit from the consumers, the Licensee shall pay a rebate on the amount of deposit a sum equivalent to five per cent per annum or such percentage as determined by the Minister, to be calculated on a pro-rated basis from the date of commencement of supply until termination of the supply and shall credit it into the consumer's account at the end of January of every year.
3. The Licensee shall refund the deposit not later than thirty days after the termination of the supply to the consumer, his successor in title, lawful assign, trustee, personal representative, administrator or any person entitled to that amount of money, subject to the deduction of any amount then due to the Licensee by the consumers.
4. Notwithstanding paragraph (3), the deposit shall not be refunded to any person other than the consumer, but where a person is able to furnish the Licensee with a discharge and indemnity letter, such deposit may be refunded to such person.

CONDITION 15 : PROVISION OF INFORMATION TO THE COMMISSION

1. The Licensee shall keep record of the following and submit to the Commission at monthly interval:
 - [a] information on the maximum daily load and electricity sold per month;
 - [b] the class, operating voltage and demand of all consumers; and

[c] forced and mandatory outages and schedule of maintenance programme.

2. The Licensee shall notify the Commission as soon as possible of any major breakdown affecting any part of the installation which has occurred, the occurrence of any accident, fatal or otherwise and interruption of service for more than an hour.
3. Notwithstanding paragraph 1 and 2 above, the Licensee shall furnish to the Commission in such manner and at such times as the Commission may reasonably require, such documents, accounts, estimates, returns, reports and other information as the Commission may consider necessary in the light of the Conditions or as he may require for the purpose of performing the duties and functions assigned or transferred to it under the Act or any Regulations made thereunder.

CONDITION 16 : LICENCE IS NON-TRANSFERABLE, NON-ASSIGNABLE, etc.

1. The Licensee shall not assign, transfer, sublet or otherwise dispose of its rights, duties, liabilities, obligations and privileges or part thereof under the terms and Conditions of this Licence except with the prior written approval of the Minister.
2. The Licence shall not be transferred, charged, pledged or otherwise encumbered without the prior written approval of the Minister.
3. The creation of any charge, mortgages, pledges, lien or other securities over the land used for the generating facility is prohibited without express written consent of the Minister.
4. Any such approval or consent shall be subject to such terms and conditions as the Minister in his absolute discretion may impose.

CONDITION 17 : PAYMENT OF FEES

The Licensee shall, at the times stated hereunder, pay to the Commission the amount of fees as provided for in the Regulations currently in force:

- [a] on the issuance of the Licence; and
- [b] thereafter, an annual fee when due.

CONDITION 18 : REVIEW

The Commission, with the approval of the Minister may add to, vary or revoke any of the terms and Conditions in this Licence whenever it appears necessary or expedient for the purpose of extending Part I of the Licence or meeting the technical, safety and efficiency requirements applied generally to the electricity supply industry in Malaysia.

CONDITION 19 : SUSPENSION OF LICENCE

1. The Commission may, upon service of written notice to the Licensee, suspend this Licence upon the occurrence of the following events:
 - [a] if the Licensee has failed to comply with or is in breach of any Condition of this Licence, and has failed or neglected to remedy the same after the Licensee has been requested to do so by the Commission; or
 - [b] if the Licensee has failed to comply with any directive or order or notice given in writing pursuant to Conditions of this Licence by the Commission; or

- [c] if the Licensee has breach the provision of the bulk purchase agreement entered into with **TNB** and has failed to remedy such breach despite notice from **TNB** to remedy the same.
2. When this Licence is suspended pursuant to paragraph 1 above:
- [a] the Commission, with the approval of the Minister, may appoint **TNB** and/or such other person as may be appointed by him, to carry out, discharge, assume or perform any of the obligations, duties and responsibilities imposed under this Licence on the Licensee, and to receive such payments, benefits or privileges which the Licensee is entitled under this Licence to receive or to enjoy;
 - [b] the Licensee shall not be entitled to any payment or compensation from the Government and/or the Commission for any loss or damage that may have occurred, incurred or suffered by the Licensee; and
 - [c] the Licensee, its agents, servants or workmen shall render all necessary assistance and cooperation to any persons appointed by the Commission to carry out such functions and duties as provided for under subparagraph [a] above.
3. In exercising the right under paragraph 2 above, the Commission shall have regard to the rights of **TNB** under the bulk purchase agreement.
4. The period of any suspension imposed shall be determined by the Commission, provided always that where the suspension is as a result of the breach of any Conditions of this Licence, the suspension shall cease as soon as the breach has been remedied by the Licensee and the Commission shall certify the same.

CONDITION 20 : COMPLIANCE WITH LAWS

1. The Licensee shall ensure that it complies at all times with the applicable laws of Malaysia and in particular with the provision of the Act and Regulations.
2. The breach of any law, including the breach of any provision of the Act or any subsidiary legislation made thereunder shall be deemed to be a breach of the terms and conditions of the Licence.
3. The Licensee shall apply for and obtain all necessary licence, permit or approval under the applicable laws for carrying out its Licensed Business, properly and in timely manner and shall diligently pursue all such applications.

CONDITION 21: STEP-IN RIGHT OF THE COMMISSION

Notwithstanding any contractual obligations of the Licensee, in the event this Licence is suspended or revoked upon breach of any of the Conditions of this Licence, the Commission may step in, solely for the purpose of exercising its duties and functions prescribed under the Act and the Regulations and the Grid Code made thereunder.

PART III - REVOCATION

1. The Commission may at any time revoke this Licence by giving not less than thirty (30) days notice in writing to the Licensee at its registered office in any of the following circumstances:
 - [a] if the Licensee agrees in writing with the Commission that this Licence should be revoked;
 - [b] upon breach of any of the Conditions imposed in this Licence;
 - [c] if the Licensee ceases to supply electricity to consumers;
 - [d] if any amount payable under Condition 17 is unpaid after it has become due whether notice in writing has been given to the Licensee or not;
 - [e] if a receiver or liquidator has been appointed for the Licensee;
 - [f] if any action taken for voluntary winding up or dissolution of the Licensee's company or any order pursuant to the Companies Act 1965 is made for the compulsory winding up the Licensee's company; and
 - [g] if the bulk purchase agreement has expired or is revoked and terminated.
2. Where this Licence is revoked pursuant to paragraph 1 above, the Licensee shall not be entitled to any payment of compensation whatsoever from the Government and/or the Commission for any loss or damage that may have occurred, incurred or suffered by him.
3. The determination of this Licence under this Part shall not prejudice or affect the right of the Government and/or the Commission to recover any sum due thereunder of any breach, non-performance of any of the Conditions on the part of the Licensee therein contained.
4. Any notice which is required to be given to the Licensee under paragraph 1 above, shall be deemed to have been given if sent by hand or pre-paid post or by facsimile to the Licensee's registered address as lodged in the Registry of Companies.

LICENSEE'S AREA OF SUPPLY

The Licensee's area of supply shall comprise the area within the boundary [REDACTED]
[REDACTED] at [REDACTED]
[REDACTED] as shown in Attachment 1.

LAMPIRAN 8

CONTOH LESEN PERSENDIRIAN **(tertakluk kepada perubahan)**

License No.:

Serial No.:

FORM F

(regulation 9)

ELECTRICITY SUPPLY ACT 1990

LICENCE FOR PRIVATE INSTALLATION

In accordance with the section 9 of the Electricity Supply Act 1990, the Energy Commission, with the approval of the Minister, hereby grants a licence to

of

to use, work and operate, in accordance with the Electricity Regulation 1994, an electrical installation at

(hereinafter referred to as the Area of Supply), for the supply and use of electricity solely for
..... (licensee) within the **Area of Supply** subject to the following conditions:

(Please refer Annex 1).

Dated the _____ day of _____,

Granted by

(DATUK IR AHMAD FAUZI BIN HASAN)
Chief Executive Officer
Energy Commission

The Conditions

1. The nominal capacity of the electricity generating facility shall not be more than MW.
2. The Licence shall come into force from the date of issue and shall expire years thereafter.
3. The Licensee shall ensure that it complies with the provision of the Electricity Supply Act 1990 and all Regulations thereof.
4. The Licensee shall comply with any provision of any other written law or to obtain any approval that is required under any written law for the time being in force for the implementation, operation and maintenance of the installation or any part thereof.
5. The electrical installation shall be operated and maintained by qualified competent person as describe in the Act and Regulations.
6. The Licensee shall submit information to the Energy Commission on the energy generated, fuel usage and other relevant data at monthly interval or otherwise as determined by the Energy Commission.
7. The Licence shall not be transferred without the prior written approval of the Minister.
8. The Energy Commission, with the approval of the Minister, may review, amend or revoke any term and condition in this Licence whenever it appears necessary or expedient for the purpose of compliance to the technical, safety and efficiency requirements applied generally to the electricity supply industry in Malaysia.
9. The Energy Commission may, upon service of written notice to the Licensee, suspend this Licence upon the occurrence of the following events: -
 - a. if the Licensee has failed to comply with or is in breach of any Condition of this Licence, and has failed or neglected to remedy the same after the Licensee has been requested to do so by the Energy Commission.
 - b. if the Licensee has failed to comply with any directive or order or notice given in writing pursuant to the Conditions of this Licence by the Energy Commission.
10. The Energy Commission may at any time revoke this Licence by giving not less than thirty (30) days notice in writing to the Licensee at its registered office in any of the following circumstances: -
 - a. if the Licensee agrees in writing that this Licence should be revoked.
 - b. upon breach of any of the Conditions of the Licence.
 - c. if the Licensee ceases to work or operate the installation.
 - d. if any amount payable under the Licence is unpaid after it has become due whether notice in writing has been given to the Licensee or not.
 - e. if the electricity generating facility is not completed and successfully commissioned within three years from the date of issue of this Licence or within such extended period as the Energy Commission may allow in writing.
11. The "Area of Supply" means the site for (licensee)

LAMPIRAN 9

SOALAN-SOALAN LAZIM

1. Berapakah jumlah modal berbayar syarikat yang layak untuk memohon lesen dengan Suruhanjaya Tenaga?

Jawapan: Projek yang memerlukan pinjaman bank perlulah mempunyai modal berbayar sekurang-kurangnya 2% daripada jumlah kos projek.

2. Berapakah kecekapan loji *co-generation* minimum yang dibenarkan?

Jawapan: Kecekapan loji mestilah melebihi 50%

3. Mengapakan Analisis Kewangan perlu dilampirkan untuk memohon lesen awam pengagihan?

Jawapan: Analisis Kewangan Mudah hendaklah dilampirkan bertujuan untuk Suruhanjaya membuat penilaian sama ada aktiviti pelesenan yang dipohon adalah *viable* atau tidak.

4. Apakah status pemilikan ekuiti bagi permohonan lesen RE?

Jawapan: Pegangan ekuiti bumiputra dan asing perlu berlandaskan polisi Kerajaan yang berkuatkuasa.

5. Berapakah tempoh maksimum bagi setiap lesen yang boleh dipohon?

Jawapan: Tempoh lesen boleh diberi sehingga 21 tahun tertakluk kepada kelulusan Y.B. Menteri Tenaga, Teknologi Hijau dan Air atau sesuatu tempoh yang difikirkan wajar diberikan kepada aktiviti tertentu.

6. Antara dokumen yang perlu dilampirkan bersama adalah 'Kelulusan Pembiayaan Kewangan'. Adakah pemohon pelesenan awam pengagihan perlu menyertakan dokumen ini?

Jawapan: Tidak. Ini hanya melibatkan pemohon yang menjalankan aktiviti penjanaan sahaja. Dokumen-dokumen yang perlu dilampirkan antaranya adalah *Bank Financial Close*, *Power Purchase Agreement* dan sebagainya yang membuktikan bahawa projek tersebut telah mendapat pembiayaan dari bank.

7. Apakah jenis-jenis bahan api yang digunakan untuk permohonan lesen awam *co-generation*?

Jawapan: Suruhanjaya menggalakkan penggunaan bahan api yang boleh diperbaharui seperti tandan sawit kosong, sisa kayu, bahan buangan pertanian, hampas padi, habuk kayu berbanding menggunakan gas asli sebagai bahanapi.

8. Berapakah tempoh sesuatu permohonan lesen untuk siap?

Jawapan: Merujuk kepada Lampiran 1, tempoh untuk memproses sesuatu permohonan lesen dianggarkan mengambil masa kira-kira 60 hari di peringkat ST. Tempoh ini dikira selepas permohonan yang lengkap diperolehi. Permohonan tidak dapat diproses jika tidak mengikut arahan yang telah ditetapkan pada borang permohonan dan akan menyebabkan kelewatan dalam mendapatkan lesen. Oleh sebab itu, pemohon dinasihatkan supaya memastikan borang permohonan mestilah lengkap diisi dan jika terdapat sebarang masalah sila berhubung dengan Jabatan Kawal Selia Pembekalan & Pasaran Elektrik.