



REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF EDUCATION, CULTURE AND SPORTS  
Merrill Avenue, Pasig City

OFFICE OF THE SECRETARY

June 1, 1998

DECS MEMORANDUM  
No. 221, s. 1998

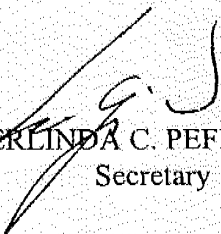
**THIRD NATIONAL ENERGY QUIZ SHOW**

To: Bureau Directors/Regional Directors  
Schools Superintendents  
Private Secondary School Principals

1. The U.P. Solar Laboratory (UPSL), in cooperation with the Department of Education, Culture and Sports (DECS) and the Department of Energy (DOE) is pleased to announce the holding of the Third National Energy Quiz Show (NEQS).
2. The 3<sup>rd</sup> NEQS aims to increase the students' awareness on energy technologies particularly renewable energy sources and energy conservation techniques that will lead towards energy self-sufficiency and sustainability.
3. The 3<sup>rd</sup> NEQS is open to all students of secondary schools (public and private) nationwide. The guidelines and schedule of activities relative to the quiz show are attached as Inclosure No. 1. The roles of the organizer (UPSL) and cooperating agencies (DECS and DOE) are attached as Inclosure No. 2.
4. Transportation and other expenses of the students/participants, advisers, and/or officials shall be charged against local funds subject to its availability and the usual accounting and auditing rules and regulations. Participants from the private high schools may coordinate with their respective institutions regarding their financial requirements.
5. For further details, please contact:

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6. **Immediate and wide dissemination of this Memorandum is desired.**



ERLINDA C. PEFIANCO  
Secretary

**Incls.:**  
**As stated**

**Reference:**  
**DECS Memorandum: No. 227, s. 1997**

**Allotment: 1--(D.O. 50-97)**

**To be indicated in the Perpetual Index  
under the following subjects:**

**CONTESTS  
STUDENTS  
Course of Study, SECONDARY**

## NATIONAL ENERGY QUIZ SHOW GUIDELINES

### I. Registration

1. All high school students may join the contest.
2. Each school may send a maximum of one team only. If the school has annexes, each annex may send their own team, independent of the main school.
3. Each team shall be composed of students from the same school or the same annex if the school has annexes.
4. Each team shall be composed of three (3) to four (4) members. The fourth member will serve as an alternate during the Semifinal Quiz Shows and the National Finals where only three members per team will be allowed onstage at a time.
5. Each team shall have one official coach only. If a team has no coach, the privilege will be given to the principal or someone duly approved by the registration committee.
6. THERE IS NO REGISTRATION FEE.
7. Participants must confirm their registration by phone, fax, mail, e-mail or through the nearest DECS Office at least two weeks before the elimination (Division level) day on 7 August 1998 (simultaneous all over the Philippines). Confirmed participants shall be given priority.

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8. Participants may also choose to register at the nearest Affiliated Non-conventional Energy Center (ANEC) in their area.

### II. Competition Proper

#### A. Elimination Round

##### 1. Levels

1.1 The Division Level participants will come from secondary schools within a DECS Division.

1.2 The Regional Level participants will come from the top ten teams of each DECS Division in the Region.

##### 2. Venue

2.1 For the Division Level, it will be held at DECS Division Offices or designated schools simultaneously on 7 August 1998

2.2 The venue and date for the Regional Level are as follows:

REGION	VENUE	DATE
I	San Fernando, La Union	4 September 1998
CAR	La Trinidad, Benguet	4 September 1998
II	Tuguegarao, Cagayan	4 September 1998
III	Angeles City	4 September 1998
IV	Pasig City	4 September 1998
NCR	Quezon City	4 September 1998
V	Legaspi City	4 September 1998
VI	Iloilo City	11 September 1998
VII	Cebu City	11 September 1998
VIII	Palo, Leyte	11 September 1998
IX	Zamboanga City	18 September 1998
X	Cagayan de Oro City	18 September 1998
XI	Davao City	18 September 1998
XII	Cotabato City	18 September 1998
ARMM	Cotabato City	18 September 1998
CARAGA	Butuan City	18 September 1998

### 3. Rules and Regulations

- 3.1 The elimination round for both the Division and Regional Levels is a written examination.
- 3.2 It will be held at DECS designated testing centers where the participating schools will take their examination.
- 3.3 Alternates are required to take the written examination during the Division and Regional Levels' elimination round ; otherwise the team will only have three official members.
- 3.4 The examination shall be composed of *energy and environment*-related questions in the following categories:
  - i. General Information and Current Events
  - ii. Mathematics
  - iii. Science and Technology
- 3.5 All teams are requested to arrive at least fifteen (15) minutes early for their scheduled round. Each participant must bring his/her school ID, pencils, erasers, and at least two ballpens (black and/or blue only).
- 3.6 Each examination will last two hours. No extensions shall be extended to students who fail to arrive at the testing center on time. Only registered students will be allowed to participate in any of the elimination rounds.
- 3.7 No participant will be allowed without legitimate reason to leave the testing room once the examination has started. He/she will be accompanied by a committee-approved individual if allowed to do so.
- 3.8 The quiz committee reserves the right to disqualify any team whose members cheat during the elimination round.
- 3.9 At the end of the round, all materials given at the start must be submitted to the proctors (question sheets, answer sheets and scratch papers). Late papers will not be accepted.
- 3.10 The team score will be equal to the average score of all its members.
- 3.11 The top ten participants of each DECS Division will qualify for the Regional elimination round which will be held on 4 September 1998 - for

Luzon, 11 September 1998 - for Visayas and 18 September for Mindanao. The top ten participants for each main island group (Luzon, Visayas and Mindanao) will qualify for the Semifinal Energy Quiz Show which will be held on 23 October 1998 for Luzon, 6 November 1998 for Visayas, and 13 November 1998 for Mindanao. Qualifiers for the Semifinal level will be announced one month early, i.e. 25 September 1998 - for Luzon, 9 October 1998 for Visayas, and 16 October 1998 for Mindanao.

- 3.12 All participating schools in both the Division and Regional Levels will be awarded a certificate of participation. Distinctive awards in the Regional level will be given to students based on their individual performance.

## B. Energy Quiz Show

### 1. Levels

1.1 SEMIFINAL ENERGY QUIZ SHOW		
Luzon	Visayas	Mindanao
23 October 1998	6 November 1998	13 November 1998
Quezon City	Cebu City	Davao City
Top ten teams from Regions NCR, CAR, I, II, III, IV, and V	Top ten teams from Regions VI, VII, and VIII	Top ten teams from Regions IX, X, XI, XII, CARAGA and ARMM

- 1.1.1 The first, second and third place winners in Luzon, Visayas and Mindanao EQS will comprise the nine (9) team participants for the National EQS. The tenth participant for National EQS will be announced on 18 November 1998.

1.2 NATIONAL ENERGY QUIZ SHOW (NEQS)			
4 December 1998			
Quezon City			
The First, Second and Third Place winners of Luzon EQS	The First, Second and Third Place winners of Visayas EQS	The First, Second and Third Place winners of Mindanao EQS	Highest scorer among the Fourth Placers in the Semifinal EQS

- 1.2.1 Qualifiers for the NEQS are given until 25 November 1998 to commit their participation for the said event. *The quiz committee reserves the right to disqualify any school that does not signify their commitment to participate in the NEQS.*

- 1.2.2 Registered qualifiers in the NEQS shall be awarded free transportation from their place of origin to the venue and vice-versa.

2. Questions will be asked from the following *energy and environment* categories:

- 2.1 General Information and Current Events
- 2.2 Mathematics
- 2.3 Science and Technology

3. Students will be given a time limit for each question to be answered.

4. Rules and Regulations

- a. All members of the qualified teams must present his/her school ID before the Quiz Show starts.
- b. At least two (2) team members should be present fifteen (15) minutes before the show starts; otherwise the team will be disqualified from joining. Late team members can only join the quiz show during intermission periods.
- c. Substitution of members may be done only during intermission periods.
- d. Each team will be provided with scratch papers, pens, permanent markers and a set of answering sheets (cartolina). Other items on the table of each team other than those mentioned may be requested to be removed.
- e. **CALCULATORS SHALL NOT BE ALLOWED.**
- f. Each question must be answered within the time allocated for it. The time limit shall be read before the question itself is read. All teams must stop writing when the time limit expires. Teams caught violating this rule will be disqualified in answering the current question.
- g. The quizmaster will read each question twice and the time will start only after the quizmaster says so. The contestants may begin writing their answers while the question is being read.
- h. Each team must write their final answer on the answer sheet (cartolina) provided. A team must have only one answer per question. If multiple answers are written on the cartolina, the team must encircle their final answer, otherwise, their answer will be considered incorrect.
- i. All answers must be spelled correctly to be considered correct. If the answer is a proper noun, capitalization of the first letter of the word is also a basis in declaring an answer as correct.
- j. Questions shall indicate the number of significant figures for numerical answers.
- k. After the time limit has expired, each team must show their answer to the audience before the quizmaster reads the correct answer. The quizmaster will acknowledge whether the answer of each team is correct or not.
- l. If the quizmaster cannot determine the validity of an answer, the board of judges must decide on the matter. **The decision of the board of judges is final.**
- m. The total score of a team after three rounds will be the final score of the team.
- n. In case of a tie, a Clincher Round will be played. It will be a sudden death playoff until a winner emerges.

5. All participants will be awarded with certificates of participation.

6. Awards

The top three teams of the Energy Quiz Show will receive the following:

		Semifinal EQS	National EQS
First Place	Trophy/Medals	P20,000.00	P 40,000.00
Second Place	Trophy/Medals	P15,000.00	P 30,000.00
Third Place	Trophy/Medals	P10,000.00	P20,000.00

## ROLES OF AGENCIES IN THE THIRD NATIONAL ENERGY QUIZ SHOW (NEQS)

### **U.P. Solar Laboratory (UPSL)**

- i. UPSL is the organizer of the Third NEQS
- ii. It shall handle the implementation of the 3<sup>rd</sup> NEQS
  - Formulation of questions
  - Setting of the rules and guidelines
  - Coordination with other involved agencies, i.e. DECS, DOE, etc.
  - Conduct of the Regional Elimination, Semifinal, and National Finals
  - Checking of papers for the Regional Elimination
  - Design and production of quiz materials, i.e. certificates, medals, plaques, trophies, questionnaires, answer sheets, etc.
- iii. It shall provide the judges and consultants for all the quiz shows.
- iv. It shall publish newsletters pertaining to 3<sup>rd</sup> NEQS.

### **Department of Education, Culture, and Sports (DECS)**

- i. DECS is a cooperating agency to the 3<sup>rd</sup> NEQS.
- ii. It shall administer the Division level elimination round of the 3<sup>rd</sup> NEQS.
- iii. It shall be responsible for the checking of papers for the Division level elimination and the ranking of students/team scores.
- iv. Scores shall be submitted to the UPSL.
- v. It shall help with the coordination and promotion of the 3<sup>rd</sup> NEQS by establishing communication with its Regional and Division offices and schools all over the Philippines through issuance of memoranda pertaining to the 3<sup>rd</sup> NEQS.
- vi. It shall ensure attendance in coordination meetings of DECS officials assigned in the project.
- vii. It shall provide at least 500 students as audience for the Luzon, Visayas, Mindanao, and National Energy Quiz Shows. Audience shall constitute students coming from nearby schools and/or from participating schools.
- viii. It shall be responsible in the distribution of newsletters produced by the organizers to different schools. DECS may reproduce or reprint the newsletters if the number allocated does not suffice.

### **Department of Energy (DOE)**

- i. DOE is also a cooperating agency to the 3<sup>rd</sup> NEQS.
- ii. It shall be responsible for the promotion of the quiz show and shoulder some of the quiz show's expenses.
- iii. It shall facilitate communication with its agencies directly involved with the 3<sup>rd</sup> NEQS such as the DOE Field offices and the Affiliated Non-Conventional Energy Centers (ANECS).
  1. The different DOE Field offices and ANEC offices nationwide will coordinate with DECS for information dissemination.
  2. ANECs shall help DECS Division offices in conducting the Division level elimination round of the 3<sup>rd</sup> NEQS.
  3. ANECs shall help the UPSL in the implementation of the Regional elimination of the 3<sup>rd</sup> NEQS.
  4. DOE Field offices shall help the UPSL in the implementation of the Semifinal EQS.